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WEEKLY DATA THROUGH OCTOBER 22, 1932
MONTHLY DATA THROUGH SEPTEMBER

SURVEY OF CURRENT BUSINESS

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UNITED STATES DEPARTMENT OF COMMERCE
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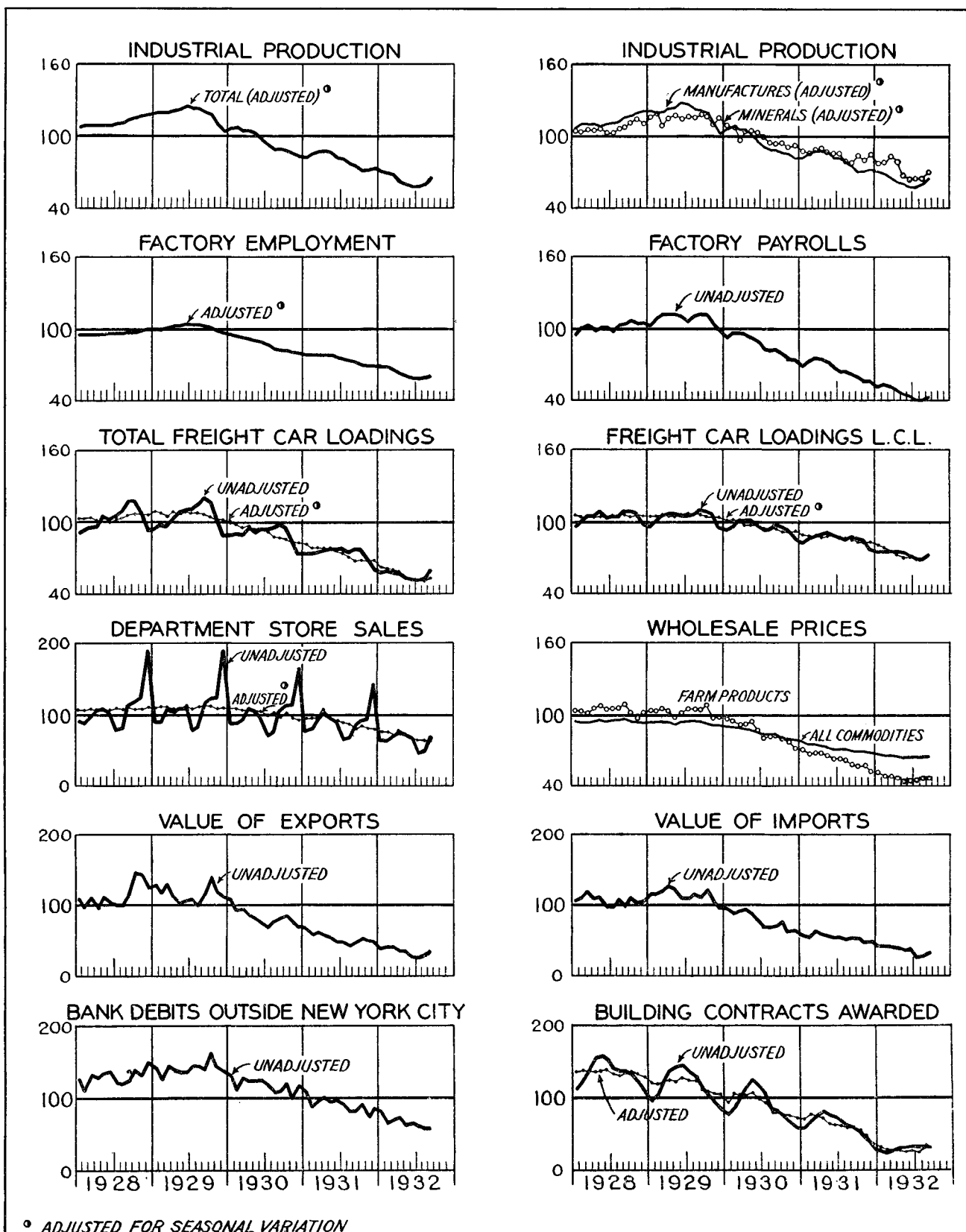
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Business Indicators

1923-1925=100



Business Situation Summarized

FURTHER moderate improvement in business activity has occurred during the past month. September recorded gains in industrial production, distribution, retail trade, foreign trade, and employment and pay rolls. In general, these were well maintained during October, and numerous weekly indicators reflected some additional progress. Construction activity has continued at the even pace of recent months.

The increase in industrial production during September was substantially in excess of the normal seasonal gain and the adjusted index advanced 10 per cent. Output was 13 per cent under a year ago, compared with an average decline for the first three quarters of the year of 25 per cent. Both the manufacturing and mineral industries shared in the advance. The manufacturing industries producing consumer goods were responsible for the major share of the advance, with textiles, food products, leather products, and tobacco manufactures scoring sharp gains. The heavier industries did not present such a uniform movement, with the iron and steel and the cement industries, showing increases, while lumber, rubber products, and automobile production was lower, although in the last-named industry by less than the seasonal amount. In mineral extraction major increases occurred in the coal industry, with both anthracite and bituminous production on a higher level. Petroleum and lead output was also higher,

while zinc and silver production was lower. The iron ore movement continued extremely low.

Employment conditions improved during September, the manufacturing and retail trade groups accounting for the major part of the gains. However, the increases were rather widespread in the various branches of manufacturing. Pay-roll disbursements were also higher, and for the manufacturing industries increased 5 per cent.

Freight-car loadings through the first half of October continued to advance by more than the normal seasonal amount. Foreign trade has picked up since July and, while part of the increase has been seasonal and the totals remain extremely low, the September commodity statistics indicate that the improvement has been rather widespread.

Commodity prices have been reactionary since early in September, and the wholesale price level by the third week of October had receded to a point about halfway between the June low and the September peak.

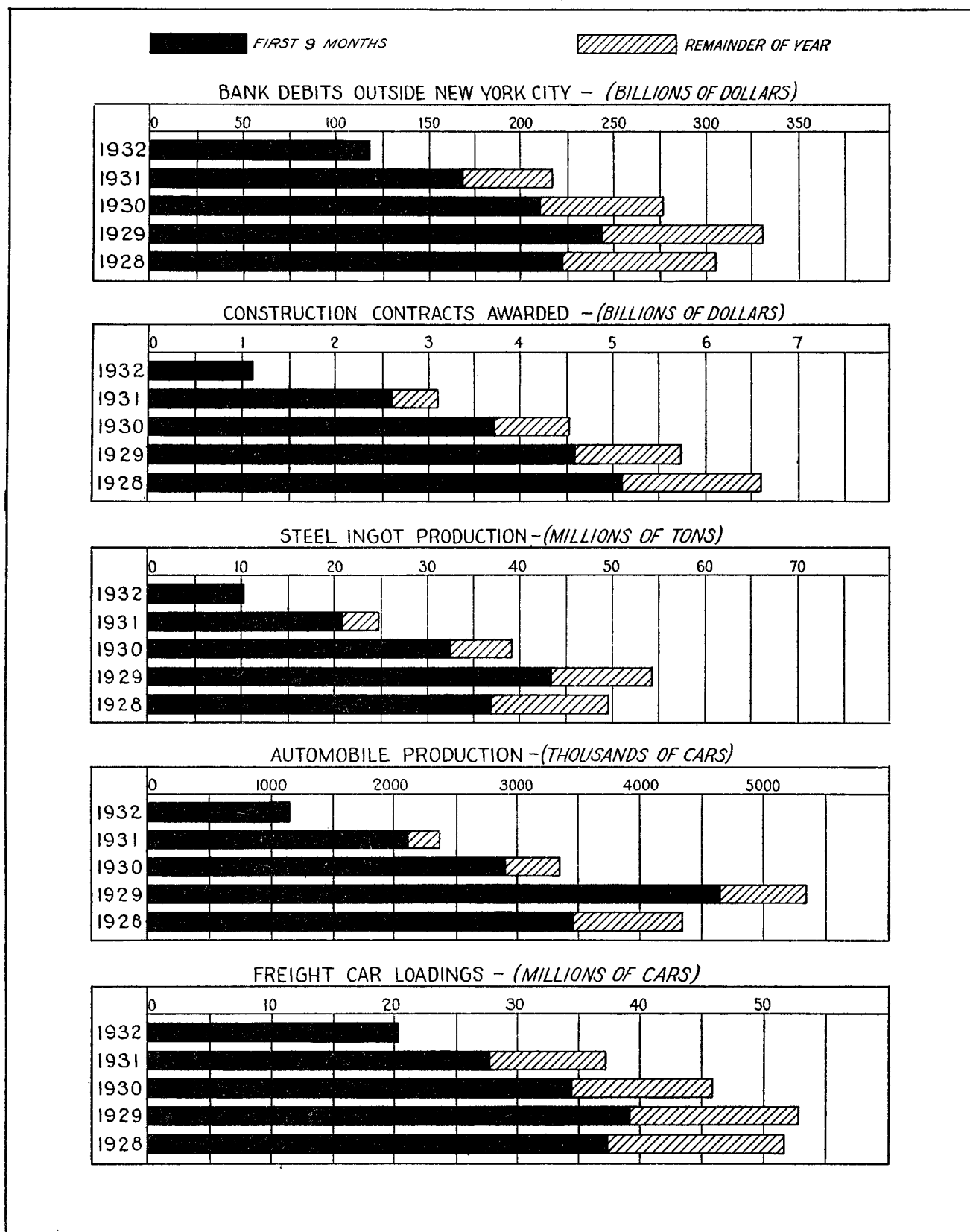
A decrease in bank failures and hoarding, an increase in monetary gold stock, and a further increase in member bank reserve funds have featured the banking situation in recent weeks. Bank deposits have also increased, but liquidation of the loan account of the member banks has been extended. Security prices have been reactionary, and the stock market has canceled about half of the July-September advance.

MONTHLY BUSINESS INDEXES

Year and month	Industrial production					Factory employment and pay rolls		Freight-car loadings				Department-store sales, value		Foreign trade, value, adjusted ¹		Bank debits outside New York City	Building contracts, all types, value, adjusted ¹	Wholesale price index, 784 commodities	
	Unadjusted ¹			Adjusted ¹		Number of employees, adjusted ¹	Amount of pay rolls, unadjusted	Total		Merchandise, l. c. l.		Unadjusted ¹	Adjusted ¹	Exports	Imports				
	Total	Manufactures	Minerals	Total	Manufactures			Minerals	Unadjusted ¹	Adjusted ¹	Unadjusted ¹								Adjusted ¹
Monthly average 1923-1925=100																			Monthly average 1926=100
1930: September.....	92	90	101	90	89	94	83.4	83.0	99	87	99	94	103	99	78	74	107.7	81	84.4
1931:																			
September.....	77	76	82	76	75	77	72.8	61.8	78	69	88	85	87	84	45	56	84.3	59	71.2
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	48	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	70	80	38	36	72.8	27	65.5
May.....	61	60	65	60	58	67	62.2	46.2	53	54	74	71	72	73	37	34	63.4	26	64.4
June.....	59	58	61	59	58	63	60.6	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	69.3	42.1	61	54	72	69	71	68	33	32	59.6	30	65.3
Monthly average, January through September:																			
1930.....	100	100	100				90.0	91.1	94		98		93		91	82	118.8	96	88.1
1931.....	84	84	84				76.4	68.9	76		88		84		57	56	94.5	67	74.0
1932.....	64	63	69				62.9	46.4	56		73		65		37	35	66.6	28	65.4

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

Comparison of Principal Data, 1928 to 1932



Commodity Prices

AFTER rising for over two months, commodity prices during the latter half of September and in October turned reactionary, owing principally to recessions in the prices of farm products and foods. The wholesale price level declined over 2 per cent from September 10 to October 22, although the average for last month was slightly higher than in August. Farm prices also decreased from mid-September to mid-October, according to information reaching the Department of Agriculture, after holding steady in the preceding month. Food retail prices averaged fractionally lower on September 15 than on August 15.

The September increase in wholesale commodity prices was the third successive monthly advance. Of the major groups, textile products showed the largest gain from August to September, 5.6 per cent, with sharp rises in the prices of silk and rayon, cotton goods, and woolen and worsted goods. Hides and leather products prices rose 3.6 per cent. Prices of fuel and lighting materials declined 1.8 per cent; building materials, 1.3 per cent while house-furnishing goods, chemicals and drugs, and the miscellaneous group changed fractionally. Prices of farm products, foods, and metals and metal products remained unchanged. Among the subgroups, prices of hides and skins advanced the most—23 per cent. Other advances ranging from 4 to 11 per cent occurred in prices of miscellaneous

foods, leather, cotton goods, knit goods, silk and rayon, woolen and worsted goods, nonferrous metals, automobile tires and tubes, and crude rubber. Declines ranging from 1 to 5.6 per cent included grain, livestock and poultry, fruits and vegetables, meats, miscellaneous leather products, petroleum products, fertilizer materials, mixed fertilizers, cattle feed, and paper and pulp. Fractional changes were shown in prices of butter, cheese and milk, cereal products, bituminous coal, plumbing and heating materials, brick and tile, chemicals, drugs and pharmaceuticals, house furnishings, and furniture. Wholesale prices in September averaged about 6.5 per cent below their 1913 level.

Retail prices of food declined fractionally from August 15 to the middle of September. Twenty-four articles on which the Department of Labor collects data declined, 9 advanced, and 9 articles remained unchanged.

Prices of farm products received by producers remained unchanged from August 15 to the corresponding date in September. A sharp advance, 12 per cent, in prices of cotton and cottonseed was offset by a 14 per cent decline in fruits and vegetables and a 4.7 per cent drop in grain prices. A small rise in dairy products prices and a 12 per cent rise in prices of chickens and eggs advanced the dairy and poultry products group 4.4 per cent.

INDEXES OF COMMODITY PRICES

Year and month	Wholesale ¹															Cost of living ²	Farm, combined index, 27 commodities ¹	Retail foods ¹	
	Combined index, 784 commodity quotations	Economic classes			Groups														
		Finished products	Raw materials	Semimanufactures	Farm products	Foods	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		
1930: September.....	84.4	86.4	82.1	77.7	85.3	89.5	83.2	87.1	87.2	79.0	99.2	92.3	89.0	76.2	75.2	95.4	111	146	
1931:																			
September.....	71.2	75.9	62.7	66.7	60.5	73.7	73.9	77.0	76.3	67.4	85.0	82.7	83.9	64.5	68.2	85.6	72	119	
October.....	70.3	75.1	61.5	65.2	58.8	73.3	72.9	76.1	75.6	67.8	82.5	81.0	82.8	63.0	66.6	84.9	68	119	
November.....	70.2	74.8	62.0	64.9	58.7	71.0	73.5	76.2	76.1	69.4	81.6	80.9	82.6	62.2	68.7	83.9	71	117	
December.....	68.6	73.3	60.2	63.7	55.7	69.1	72.3	75.7	76.1	68.3	79.8	78.5	82.2	60.8	66.8	83.1	66	114	
1932:																			
January.....	67.3	72.1	58.3	63.1	52.8	64.7	71.7	74.8	75.7	67.9	79.3	77.7	81.8	59.9	65.6	81.4	63	109	
February.....	66.3	71.4	56.9	61.9	50.6	62.5	71.3	73.4	75.5	68.3	78.3	77.5	80.9	59.8	64.7	80.1	60	105	
March.....	66.0	71.5	56.1	60.8	50.2	62.3	70.9	73.2	75.3	67.9	77.3	77.1	80.8	58.7	64.7	79.6	61	105	
April.....	65.5	71.1	55.5	59.6	49.2	61.0	70.9	72.5	74.4	70.2	75.0	76.3	80.3	57.0	64.7	78.8	59	104	
May.....	64.4	70.3	53.9	58.1	46.6	59.3	70.4	71.5	73.6	70.7	72.5	74.8	80.1	55.6	64.4	77.9	56	101	
June.....	63.9	70.0	53.2	57.6	45.7	58.8	70.1	70.8	73.1	71.6	70.8	74.7	79.9	53.9	64.2	77.2	52	100	
July.....	64.5	70.5	54.7	55.5	47.9	60.9	69.7	69.7	73.0	72.3	68.6	74.0	79.2	52.7	64.3	77.0	57	101	
August.....	65.2	70.7	55.7	57.9	49.1	61.8	70.1	69.6	73.3	72.1	69.7	73.6	80.1	54.0	64.6	76.8	59	101	
September.....	65.3	70.4	56.2	60.7	49.1	61.8	70.4	70.5	72.9	70.8	72.2	73.7	80.1	57.0	64.7	76.6	59	100	
Monthly average, January through September:																			
1930.....	88.1	89.2	87.0	83.9	91.6	92.1	86.5	91.3	90.1	79.5	102.1	93.3	93.4	82.4	79.0	96.9	122	149	
1931.....	74.0	77.9	67.0	70.5	67.3	75.8	75.7	80.3	80.4	67.2	87.7	86.5	85.2	67.9	70.4	87.6	84	123	
1932.....	65.4	70.9	55.6	59.5	49.0	61.5	70.6	71.8	74.1	70.2	73.7	75.5	80.4	56.5	64.7	78.4	58	103	

¹ Department of Labor.² National Industrial Conference Board.³ Department of Agriculture.

Domestic Trade

WHILE the movement has been characterized by some irregularity, both wholesale and retail trade have improved since early in September. This was reflected not only in higher sales totals for the month but also in an increase in employment in the industry. Wholesaling was slightly more active because of buying for fall stocks and the freer movement of merchandise through retail channels. This activity continued throughout the month and by the end of the second week in September the general movement of goods had improved considerably, although still remaining well below a year ago. The spread as compared with last year has been steadily reduced in recent weeks. No appreciable change took place in the earlier half of October, but another moderate revival was reported during the third week.

A marked gain in the movement of general merchandise usually occurs in September, but this year most classes of establishments experienced greater than seasonal advances. Department-store sales advanced 42 per cent, while the seasonally adjusted index moved 3 per cent higher. Five-and-ten cent store sales also showed a greater than seasonal gain. The actual value of goods sold was 4 per cent above the August level and a gain of 6 per cent was recorded in the adjusted index. Mail-order sales, as indicated by the reports of the two largest companies, experienced an advance of major proportions.

The transportation of package freight in September showed a substantial gain over August as indicated

by less-than-carload freight-car loadings of merchandise. Loadings in this class were 6 per cent above August and were greater than in any of the three preceding months. Part of this gain was seasonal, but the adjusted index advanced for the first time during the depression.

Commercial insolvencies during September were the lowest reported for any month of the current year and the decline served as an offset to the marked rise in the preceding month, although the totals continue unusually high. The liabilities of insolvent companies also reached a new low for the current year in September. This is a continuation of the improvement of August when total liabilities were lower despite a rise in failures.

Incorporation of new business enterprises has continued throughout the first nine months of the current year at approximately the level of the two preceding years. Compared with the corresponding periods in 1930 and 1931, this year the totals show a decline of 2.5 per cent and 2 per cent, respectively. September incorporations were 9 per cent below August but were higher than the figure for a year ago.

An advance of 24 per cent in newspaper advertising lineage in September marked the first gain in a period covering a half year. Following an uninterrupted decline of four months, the August total remained at the level of July, to be followed by an upward movement in September. This is a repetition of the movement of last year but at a considerably lower level

DOMESTIC TRADE STATISTICS

Year and month	Department-store sales		Department-store stocks ¹		Freight-car loadings, merchandise, l. c. t.		Five-and-ten-cent-store sales		Mail-order sales, 2 houses	Postal receipts, 50 selected cities	Commercial failures		Advertising lineage		Business incorporations, 4 states
	Unad-just-ed ¹	Ad-just-ed ²	Unad-just-ed	Ad-just-ed ²	Unad-just-ed	Ad-just-ed ²	Unad-just-ed	Ad-just-ed ²			Fail-ures	Liabil-ities	Maga-zine	News-paper	
Monthly average, 1923-1925=100									Thousands of dollars		Num-ber	Thous-ands of dolls.	Thous-ands of lines	Mil-lions of lines	Num-ber
1930: September.....	103	99	95	91	99	94	149	156	51,439	28,764	1,963	46,947	2,146	89	2,737
1931:															
September.....	87	84	84	81	88	85	142	156	45,955	26,335	1,936	47,256	1,603	77	2,453
October.....	93	86	88	80	87	83	169	152	52,280	28,618	2,362	70,660	1,911	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.....	112	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	115	155	31,975	25,312	3,458	96,860	1,138	68	3,311
February.....	64	78	69	73	75	78	121	156	32,581	24,061	2,732	84,900	1,469	64	2,930
March.....	70	72	72	70	75	75	138	146	33,959	26,677	2,951	93,700	1,677	72	3,202
April.....	76	80	72	70	75	73	134	141	39,745	24,272	2,816	101,069	1,777	71	3,072
May.....	73	73	70	68	74	71	133	138	38,718	22,621	2,788	83,764	1,776	69	2,863
June.....	67	71	66	68	71	71	127	138	39,889	22,006	2,688	76,931	1,523	65	3,107
July.....	47	67	60	64	68	69	118	135	32,073		2,596	87,190	1,103	50	2,534
August.....	50	66	59	61	68	68	118	127	33,777		2,796	77,031	928	50	2,909
September.....	73	70	63	61	72	69	133	135	39,156		2,182	56,128		62	2,661
Monthly average, January through September:															
1930.....	93		94		98		143		51,736	29,722	2,186	52,560	2,422	88	3,030
1931.....	84		81		88		143		45,508	27,067	2,330	59,086	1,810	79	3,000
1932.....	65		66		73		125		35,764	24,262	2,779	84,181		63	2,954

¹ Corrected to average daily sales.

² Adjusted for seasonal variation.

³ End of month figures.

Employment

EMPLOYMENT conditions improved during September, with a moderate gain in the number at work, and an increase in pay-roll disbursements. Available statistics indicate that the major employment gains, in point of numbers involved, were scored in the manufacturing industries and in retail and wholesale trade. The 16 major industrial groups reporting to the Bureau of Labor Statistics recorded a gain of 3.5 per cent in employment and an increase of 2.5 per cent in pay rolls during September. The largest relative gains in both employment and pay rolls were in the canning and preserving industries, where seasonal increases of 27 per cent in employment and of 14 per cent in pay rolls were shown. The coal industry also reported an extension of the gains of the preceding month, with the anthracite industry having a 14 per cent increase in both employment and pay rolls. The bituminous-coal industry had a similar increase in pay rolls accompanied by a 5 per cent increase in employment.

In the service industries, the trends were somewhat mixed, with the retail and wholesale trade groups showing seasonal increases in employment and most other industries reporting continued recession. As in preceding months, the declines in these industries were not particularly severe and this was true of pay-roll totals as well. The drop in pay rolls in the telephone and telegraph industry, however, was the largest for any month this year. Pay rolls in the power, light, and water, and telephone and telegraph

groups are currently about three-fourths of the 1929 average, in retail and wholesale trade about two-thirds, and in the mining industry from one-fifth to one-half.

Factory employment increased in September by more than the usual seasonal amount, and the adjusted index of the Federal Reserve Board advanced 2.6 per cent, marking the second successive monthly increase and the largest gain in this index since the end of 1929. The increases in employment were more widespread than in August, when the upturn was mainly the result of the spurt in the textile and leather industries. In September all the major groups excepting machinery, transportation, and rubber products employed more individuals than in August. According to the compilation of the Bureau of Labor Statistics, 68 of the 89 reporting manufacturing industries reported increased employment. In August less than half showed increases. In each of the groups reporting higher employment totals, with the exception of the chemical industries, the gain was greater than seasonal.

Factory pay rolls increased 5 per cent during September, the industries reporting employment gains also having larger pay-roll disbursements. The chemical industries were an exception, the increase in employment being accompanied by a slight drop in pay rolls as a result of a decrease in the petroleum refining industry. In other branches pay rolls were larger.

STATISTICS OF EMPLOYMENT, PAY ROLLS, AND WAGES

Year and month	Factory employment F. R. B.		F. R. B. factory pay rolls, unad- justed	Anthracite mining		Bituminous coal mining		Power, light, and water		Telephone and telegraph		Retail trade		Employ- ment agencies, appli- cants per 100 jobs	Employ- ment, trade- union mem- bers	Wages, com- mon labor in road build- ing
	Unad- justed	Ad- justed		Em- ploy- ment	Pay rolls	Em- ploy- ment	Pay rolls	Em- ploy- ment	Pay rolls	Em- ploy- ment	Pay rolls	Em- ploy- ment	Pay rolls			
	Monthly average, 1923-1925=100			Monthly average, 1929=100												
1930: September	86.4	83.4	83.0	93.8	91.6	90.5	74.9	105.2	106.1	96.8	102.2	92.0	92.4	170	79	40
1931:																
September	74.7	72.8	61.8	80.0	64.9	80.4	53.6	94.7	94.3	85.0	92.1	86.6	83.5	196	74	34
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	221	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	214	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	191	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	207	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	188	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	197	70	34
April	64.0	64.3	48.7	70.1	72.0	65.5	33.9	84.8	82.4	81.2	83.4	81.6	72.7	197	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	197	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	201	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	218	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	217	67	32
September	61.5	60.3	42.1	55.8	47.0	62.4	30.2	81.0	74.7	77.4	75.9	77.8	64.6	-----	68	32
Monthly average, Jan- uary through Septem- ber:																
1930	89.9	-----	91.1	91.8	92.0	93.8	82.2	102.7	104.1	99.5	103.8	93.5	94.9	182	79	40
1931	76.1	-----	68.9	79.6	72.8	83.9	58.5	97.0	98.1	87.6	94.5	87.4	86.1	199	74	36
1932	62.4	-----	46.4	62.3	52.3	66.9	34.9	84.3	81.9	80.3	83.3	79.2	69.5	-----	68	33

¹ Adjusted for seasonal variation.

Finance—Credit and Banking

THE rapid decline in bank credit outstanding which had featured general credit conditions for some months was terminated in September. Reporting member banks reported an appreciable increase in total loans and investments, an upturn which, while not directly related to the commodity or security prices, followed closely the trend of the latter. The increase was entirely in loans on securities and in investments. So-called "all other" loans, which reflect commercial borrowing, continued to fall and dropped to a level not approached since 1922.

A special factor which underlies the low level of commercial borrowing is found in the activity of the Reconstruction Finance Corporation. Loans normally made through commercial banks are temporarily made through this governmental agency. In its report of October 4, the corporation states that since the beginning of its operations on February 2, loans made available to agriculture, commerce, and industry amounted to approximately \$1,183,000,000.

Member-bank investments have also been influenced by special factors. For the first time in 1932 investments of the reporting member banks exceeded \$8,000,000,000. During September alone these investments increased over \$450,000,000, a great part of the increase being the result of heavy participation on September 15 in the purchase of new Government issues. While increases were especially noticeable in the case of New York banks there was also a growth of total loans and investments by banks outside of

New York. These Government issues partially reflect the use of bank credit which would ordinarily appear in the figures of commercial loans. Since the end of September, weekly changes in member bank loans and investments have not been particularly pronounced.

During September, total Federal reserve bank credit showed a decline which has continued during the first half of October. Changes in holdings of Government securities and in open-market purchases were negligible. The greater part of the month's decline was accounted for by a drop of approximately \$100,000,000 in total bills discounted, which has continued since the end of the month. The holdings of bills bought in the open market are at an extraordinarily low level when compared with holdings of a year ago. Bankers' acceptances outstanding at the end of September were the lowest in six years.

Money in circulation declined further during the month. This decline took place at a time of seasonal increase and it is, therefore, evident that there was a return of hoarded currency roughly equivalent to this normal increase and the reported decline in the circulation figures. Gold has continued to flow into the country and has eased the general money market and credit conditions.

Bank suspensions during September were only 65, as compared with 132 in July and 85 in August. Fourteen banks reopened during the month, with deposit liabilities of only \$3,000,000 less than those of the newly suspended institutions.

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																	Thousands of dollars
1930:																	
September	27, 383	21, 253	8, 476	8, 538	6, 454	1, 103	272	209	597	2, 532	2, 467	1, 367	6. 5	4, 493	4, 662	189, 845	
1931:																	
September	20, 073	16, 627	6, 346	7, 845	7, 916	1, 578	328	469	742	2, 506	2, 364	996	-258. 5	5, 133	5, 231	468, 908	
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	599	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. 6	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	776, 337	
July	12, 728	12, 511	4, 631	6, 365	7, 700	2, 439	538	43	1, 841	2, 158	2, 052	705	49. 6	5, 752	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	

Finance—Security and Money Markets

SECURITY markets were featured during September by intermittent strength and weakness. In the early part of the month both stock and bond prices continued the upward trend of the preceding month. During the second week pronounced weakness set in, and only because of occasional rallies did the stock price index show a slight gain for the month. Further weakness was again in evidence during October.

Bond prices showed the same general tendency as stock prices, although certain groups of issues remained firm throughout the entire period. High-grade industrials and public-utility issues were strong at the close of the month and advances in foreign issues, as well as in United States Government bonds, were well sustained throughout the period.

New financing has remained on a low level. Capital issues during September were 17 per cent below those of August, while during the first half of October weekly changes were irregular. New bond flotations of the period under review were confined largely to several public-utility issues and some 20 small State and municipal issues. Long-term real estate bonds made their appearance during September after two months of complete inactivity.

Money rates showed virtually no change during September and the early part of October. After the second week of the current month rates tended to weaken. An exception to the absence of change during September was the yield on short-term Government securities, which sold by the end of the month

at rates that eliminated all net income and reduced the yield to zero. Choice commercial paper of three months or less sold in certain sections of the country at rates as low as 1¼ per cent.

Brokers' loans as reported by member banks of New York increased during September to a point somewhat above the reported May level. The figures on brokers' loans reported by the New York Stock Exchange also showed a marked rise for the month. The general increase has continued during the first half of October.

The situation in the money markets was considerably eased by the continued inflow of gold and the return of currency from hoarding. Banks were enabled to reduce their indebtedness at the Federal reserve banks with a corresponding strengthening of their own reserve positions. At the same time the additional issues of national bank notes under the provisions of the recent amendment has aided the liquidity of bank portfolios. This condition has retarded the selling of securities by banks and has acted as a stimulus to the absorption of new Government and municipal issues.

Compared with a year ago security prices are still comparatively low. However, whereas in September and October of 1931 gold was being rapidly withdrawn from the country and currency hoarded at an alarming rate, the psychological factors are distinctly favorable at the present time. Gold has been steadily returning on net balance since the middle of the summer and funds have in recent months returned from hoarding at a comparatively rapid rate.

SECURITY AND MONEY MARKET STATISTICS

Year and month	Stock prices (average weekly)	Re-ported sales of stocks	Com-mon stock yields	Bond yields	Capital issues			Dividend and interest pay-ments		Aver-age divi-dend per share (600 com-panies)	Range of open mar-ket money rates New York			Brokers' loans		
					Total	New capital issues	Long-term real estate bonds	Total	Interest pay-ments		Call money renewal (average)	Time loans	Com-mercial paper	Made by re-orting member banks N. Y. C. ¹	Re-ported by the New York Stock Ex-change ²	Ra-tio to market value
	1926 = 100	Thou-sands of shares	Per cent	Per cent	Thousands of dollars					Dollars	Per cent		Millions of dollars		Per cent	
1930: September.....	148.8	65,497	4.33	4.41	496,895	378,413	15,615	530,200	238,200	2.83	2.19	2½-2¾	3	3,063	3,481	5.79
1931:																
September.....	81.7	51,140	6.51	4.70	313,330	270,540	66,785	519,840	219,500	2.18	1.50	1¼-2	2	1,172	1,044	3.23
October.....	69.7	47,895	7.28	5.16	45,932	44,988	9,125	747,157	458,757	2.10	2.10	2½-4	2 -4¼	869	796	2.33
November.....	71.7	37,369	7.06	5.19	130,787	110,215	2,619	557,742	306,742	2.05	2.50	3 -4	3¾-4¼	720	730	2.35
December.....	57.7	50,190	8.68	5.81	139,391	118,751	3,185	670,951	439,851	1.96	2.70	3 -4	3¾-4	591	587	2.20
1932:																
January.....	58.0	34,342	8.22	5.86	193,939	179,919	1,075	997,938	594,838	1.89	2.65	3¼-4	3¾-4	505	512	1.94
February.....	56.5	31,719	8.04	5.91	94,497	73,389	0	443,200	247,300	1.76	2.50	3½-3¾	3¾-4	495	525	1.90
March.....	56.8	33,061	7.16	5.70	190,020	160,612	905	494,269	279,569	1.67	2.50	2¾-3½	3½-3¾	525	533	2.18
April.....	43.9	31,403	9.13	6.00	142,319	70,268	490	654,200	427,500	1.60	2.50	2 -3	3¼-3¾	495	379	1.87
May.....	39.8	23,151	9.57	6.41	122,862	91,241	0	493,800	269,000	1.48	2.50	1½-2	2¾-3½	409	300	1.86
June.....	34.0	22,998	10.30	6.72	142,206	77,944	80	685,011	440,311	1.34	2.50	1½	2½-3	342	244	1.56
July.....	35.9	23,056	8.85	6.50	154,121	103,899	0	814,400	557,000	1.31	2.08	1¼-1½	2¼-2¾	332	242	1.18
August.....	53.3	82,649	5.65	5.67	169,842	61,954	0	392,490	248,590	1.25	2.00	1¼-1½	2 -2½	345	332	1.19
September.....	58.2	67,424	5.02	5.45	141,396	93,032	700	437,440	312,440	1.24	2.00	1¼-1½	2 -2½	425	380	1.42

¹ Wednesday closest to end of month.

² End of month.

Foreign Trade

UNITED STATES exports increased by slightly more than the normal seasonal amount during September—a result not only of the usual expansion in shipments of raw cotton, leaf tobacco, and fruit, but also of comparatively large increases for many other commodities. Among the latter, the gain over August in the dollar value of exports of cotton manufactures, lumber, coal, gasoline, kerosene, copper, and electrical machinery and appliances was larger than that for any similar period since 1928 or 1929. For lard, leather, fruits, and heavy iron and steel, the increases were greater than for any September since 1925 or 1926. Quantity exports of raw cotton were larger than the average September shipments for the period 1922–1931, notwithstanding the unusually heavy exports throughout the first eight months of the year. Another important feature of the export trade was the slight upward movement in unit prices of every leading agricultural export, except wheat.

Exports of industrial machinery, office appliances, and rubber manufactures were approximately as large as in August, while those of wheat, agricultural machinery, automobiles, crude petroleum, and lubricating oil dropped below the level of that period. Tobacco exports increased substantially during September, but fell slightly below both the shipments in September, 1931, and the average for September of the period 1922 through 1931.

The increase of 8 per cent in the value of imports during September was due to a substantial increase in our purchases of raw silk, coffee, and cocoa and to moderate increases in a wide range of other commodities. Quantity imports of coffee increased 31 per cent over the extremely low figure in August. Raw silk imports, amounting to 8,564,000 pounds, showed an advance of 20 per cent while cocoa imports increased to 45,300,000 pounds from 17,900,000 pounds in August. Cane sugar, newsprint, and industrial chemical imports fell off considerably, the latter as a result of a marked drop in imports of iodine from Chile. Crude rubber imports were smaller than in any month since February. Copper and crude petroleum imports were approximately as large as in August, while advanced and refined mineral imports declined slightly. Copper imports amounted to 14,100,000 pounds in September as compared with a monthly average of 48,800,000 pounds in 1931, and the two latter totaled 1,900,000 barrels and 1,260,000 barrels, respectively, in comparison with monthly averages of 3,940,000 barrels and 3,200,000 barrels in 1931.

Merchandise exports exceeded merchandise imports during September by \$34,000,000, as compared with a favorable balance of \$18,000,000 in July and of \$9,800,000 in the corresponding period of 1931. The excess of gold imports amounted to \$28,000,000, compared with \$6,100,000 in July.

EXPORTS AND IMPORTS

Year and month	Ex-ports, including reex-ports ¹	Exports of United States merchandise											General imports				
		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	Auto-mob-iles, parts, and acces-sories	Gas-o-line					
Millions of dollars																	
1930: September.....	312.8	94.3	62.8	46.0	18.4	9.9	9.2	37.1	130.6	33.6	16.4	16.5	226.4	75.4	48.2	41.0	61.8
1931:																	
September.....	180.2	44.4	23.5	28.4	6.8	6.3	9.2	21.4	83.2	24.6	8.7	7.2	170.4	52.9	35.1	30.3	52.0
October.....	204.9	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	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	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	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	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	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	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	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	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	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	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	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
Cumulative, January through September:																	
1930.....	2,952.4	556.6	325.4	407.9	132.1	122.9	59.9	407.9	1,530.7	416.7	234.8	202.7	2,401.3	796.3	537.0	486.2	581.8
1931.....	1,841.8	366.7	194.8	273.0	59.3	75.7	73.8	255.0	910.7	263.5	125.9	87.9	1,618.7	492.2	420.7	290.2	415.5
1932.....	1,056.8	345.3	227.5	180.5	42.8	43.0	51.8	151.2	484.2	100.1	61.8	63.7	1,015.7	274.6	313.3	166.8	261.0

¹ Reexports of foreign merchandise during September, 1932, were \$2,500,000.

Real Estate and Construction

CONSTRUCTION contracts let during September exceeded the monthly average value of awards for the first nine months of the year. Public works again constituted the largest portion of new undertakings. Activity was particularly noticeable in highway construction, which was sponsored by Federal aid emergency loans. According to the F. W. Dodge Corporation statistics covering 37 States, projects in the New York City, Pittsburgh, and Chicago territories accounted for 38 per cent of all contracts awarded for the month. The Federal Reserve Board's adjusted index of contracts, based on a 3-months' moving average of values centered on September, was unchanged from the revised figure for the preceding month. It was 7 per cent above the monthly average thus far in 1932, but was only half as high as a year ago.

Although residential building activity in the third quarter made the poorest showing in over a decade, the reversal of the downward trend of these contracts which occurred in August was carried slightly further in September. In the same month of 1931, the value of residential awards was more than twice as large.

Increasing 7 per cent above the August showing, the value of public works and utility contracts in September reached the highest total since last October. Measurable footage of these projects advanced 19 per

cent over the figure reported in August. Total footage in the third quarter was larger than in either the first or second quarter of the year.

Output of cement during September was larger than any monthly total since October, 1931, and was more than double the quantity produced last February, when cement production reached a record low point. While oak flooring shipments were approximately 40 per cent below the showing for September, 1931, they were slightly larger than the amount shipped in August.

The advance in the Engineering News-Record's index of construction costs (composed of the prices of structural steel shapes, cement, lumber, and the rates paid common labor) marked the third gain after extended monthly declines. Further increase occurred during the first part of October, due primarily to a stiffening in the price of lumber. Quotations for brick house materials in September maintained the increase reported in the previous month, while building material prices for frame houses advanced slightly above the revised figure for August.

The real-estate market continued inactive. The amount of long-term bonds floated during the month contrasted sharply with the large flotations in the same period a year ago, which included one exceptionally large metropolitan project.

BUILDING MATERIALS, CONSTRUCTION, AND REAL ESTATE

Year and month	Construction contracts awarded							Building materials				Building material prices		Construction cost, 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
Monthly average 1923-1925=100	Millions of square feet	Millions of dollars	Millions of square feet	Millions of dollars	Thousands of square feet	Millions of dollars	Thousands of feet, board measure	Thousands of barrels	Thousands of short tons	First of month, monthly average 1913=100	Monthly average 1926=100	Thousands of dollars					
1930: September.....	81	41.2	332	19.7	98.5	1,484	109.1	3,331	19,898	16,124	156	168	174	199.6	66.8	13,890	1,475
1931:																	
September.....	59	30.1	251	13.0	54.6	353	85.1	3,144	19,486	12,092	194	154	161	171.4	60.3	66,785	395
October.....	55	30.7	242	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	55.2	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	55.2	0	0
September.....	30	13.5	128	6.6	22.8	243	68.7	2,402	11,739	8,189	111	149	155	158.0	55.2	700	0
Monthly average, January through September:																	
1930.....	96	45.4	409	19.3	93.9	1,423	153.7	3,994	27,353	14,102	242	174	179	204.5	71.0	13,844	5,869
1931.....	67	33.0	285	17.3	74.4	641	109.2	3,175	23,555	11,075	176	159	167	185.7	61.9	11,106	1,034
1932.....	28	13.9	118	6.5	25.1	209	48.3	2,289	11,467	6,427	75	152	158	156.4	55.2	361	81

Transportation

QUICKENING in the pace of business activity was reflected in the continued advance of freight-car loadings in excess of the normal seasonal movement during September and the first half of October. This is the first year since the depression started in which the autumn increase in carloadings was above seasonal expectations. While traffic continues well below the corresponding period of last year, the decline for the latest week was 15 per cent as against the drop of over one-third in the middle of the year.

The index of carloadings, based on the daily average movement and allowing for seasonal changes, advanced 6 per cent during September to the level of last May, this being the first increase of size since the decline started in 1929. Actual loadings, on a daily average basis, have been the largest since last December. The increase in September was mainly the result of larger loadings of coal and miscellaneous freight, as the former contributed 19,000 cars and the latter 21,000 cars of the average weekly gain of 45,000 cars. The other classes were also higher with the exception of grain and grain products and ore. The adjusted index of l. c. l. merchandise shipments advanced for the first time since 1929.

With the economies effected, the upturn in traffic has resulted in a sharp gain in the net operating income of the railroads. In August Class I roads had a net operating income of \$28,368,000, the highest for any month of this year, with the exception of March.

Preliminary returns for September indicate that a further increase in net operating income was realized for that month. Despite this improvement, current returns on property investments remain very low, the August figure being 0.97 per cent compared with 1.92 per cent in August, 1931. The extent to which the carriers have been aided by the temporary rate increases which became effective last January is indicated by the announcement of the Railroad Credit Corporation, the administering body, that up to October 1, loans from the pooled funds totaling \$32,000,000 had been made or authorized.

Dividend disbursements by the carriers continue to decline, amounting in September to \$7,300,000, compared with \$26,000,000 in September, 1931. For the elapsed period of 1932 dividends declared were 45 per cent below a year ago.

No material change has taken place in the equipment manufacturing industry, although the orders placed for freight cars in September were the largest for some time.

Waterway traffic on the eastern Great Lakes and the St. Lawrence was higher than in August or in September a year ago, mainly due to the greater tonnage of wheat and pulpwood handled. Increased production in the coal industry continues to be reflected in a larger movement of traffic on the Ohio. Freight moved on the New York State canals declined during the month.

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 railroads	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	Adjusted														Sault Ste. Marie	New York State	Mississippi (Government-owned barges)	
Monthly average, 1923-1925=100	Thousands of cars ¹											Thous- ands	Thous. of dol- lars	Thous. of dollars	Thousands of short tons			Thous. of long tons	
1930: September	99	87	931.4	151.3	8.2	40.4	47.3	27.0	236.0	48.8	372.5	394	2,517	104,435	32,700	10,347	458	114	1,040
1931: September	78	69	727.1	124.3	4.8	26.1	37.2	24.1	210.1	30.3	270.3	564	1,969	55,319	26,000	7,126	587	107	884
October	78	69	763.0	145.5	5.6	24.6	38.5	29.0	216.2	20.4	283.0	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	1,568	415	112	662
June	52	52	491.6	68.7	2.9	16.8	25.3	14.9	170.5	3.5	190.9	773	1,390	12,653	9,000	1,988	454	108	633
July	51	51	484.4	72.3	2.6	14.6	35.9	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	3,065	528	100	650
September	61	54	561.1	103.6	3.4	17.1	37.1	20.3	170.3	6.1	208.2	599			7,300	3,807	478	96	638
Monthly average, January through September ²																			
1930	94		904.7	148.5	9.6	49.3	45.5	23.7	239.1	36.4	352.5	435	2,541	73,429	43,189			95	1,123
1931	76		734.9	124.4	6.5	31.0	40.5	21.3	214.9	19.1	277.1	694	2,012	44,969	38,267			90	888
1932	56		536.7	94.0	4.1	17.8	32.4	17.8	177.6	4.1	188.8	721			21,122			109	643

¹ Daily average basis.² Adjusted for seasonal variation.³ Freight car loadings are on an average weekly basis.

Automobiles and Rubber

SEASONAL contraction in automobile output occurred in September, extending the decline of the preceding months. Production totals were 7 per cent below August and reached the low point of the year. Despite this further curtailment and the depressed level of operations, the Federal Reserve Board index indicated a less than seasonal decline and advanced slightly over the August figure.

Commercial vehicles were produced in a greater volume than during August and the increase in this class offset a substantial portion of the decline in passenger-car output. This rise in truck production followed an uninterrupted decline that has been in force since April. A contributing factor to the inactivity among passenger-car producers is the necessary plant changes brought about at this time by the anticipated introduction of new models.

Employment in the automotive industry moved downward with the reduced production activity. The adjusted index of the Federal Reserve Board receded 14 per cent from the August level. September pay rolls were 32 per cent below the total for the preceding month.

An expansion of sales of automotive products occurred early in September, but the movement was not pronounced and was followed by a steady decline throughout the remainder of the month. Based upon preliminary registration data, retail sales showed a decline for the month of approximately 12 per cent.

The first half of October brought a further decrease in sales, especially in the low-priced field, which up to now has run ahead of the industry as a whole. Shipments to dealers have been greatly curtailed and retail stocks are reported to be lower than for several years. This has strengthened the dealer position in advance of the introduction of new models.

Exports of both passenger and commercial vehicles in September were above the foreign shipments made in August. The latter advanced 19 per cent to a monthly total that has only been exceeded twice during the current year. Passenger-car exports gained 6 per cent and were above each of the three preceding months.

Activity in the tire and rubber footwear industries was curtailed in the first half of September during inventory operations. The adjusted employment index of the Federal Reserve Board for the entire rubber industry was 7 per cent below August. In the tire industry alone the decline was approximately 4 per cent. Pay rolls throughout the industry were also lower. Despite the lowered level of production, the shipments to dealers were well maintained.

Imports of crude rubber continued to move irregularly. The September total was 14 per cent below August following an increase recorded for the latter month. Average monthly imports for the first three quarters of this year were 12 per cent below the same period in 1931.

AUTOMOBILE AND RUBBER STATISTICS

Year and month	Automobile production						Automobile exports		New passenger car registrations	Automobile financing		Pneumatic tires		Crude rubber			
	F. R. R. Index adjusted	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	Taxicabs	Trucks												Total production
	Monthly average 1923-1925=100	Thousands				Number				Millions of dollars		Thousands		Long tons			
1930: September.....	62	221	175	930	44,223	7,957	8,130	5,285	175,286	45	90	2,692	3,360	23,265	35,783	466,173	
1931:																	
September.....	40	141	109	141	31,338	2,646	4,577	4,171	124,903	36	68	2,538	3,034	21,747	38,933	554,458	
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	119	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	639,994	
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	606,456	
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	592,552	
August.....	23	90	76	9	14,417	4,067	2,893	2,044	93,457	22	45	2,471	2,065	20,582	33,980	609,584	
September.....	24	84	65	13	19,393	2,342	3,054	2,433	82,000	19	39			20,692	29,233	615,246	
Monthly average January through September:																	
1930.....	88	323	271	702	51,288	15,402	14,533	7,744	254,071	62	110	3,725	3,727	30,705	41,449	423,318	
1931.....	63	215	196	360	39,066	8,611	7,923	4,345	183,567	54	88	3,611	3,558	28,863	40,163	531,580	
1932.....	35	128	107	65	21,147	5,950	3,910	2,075	104,808	32	50			25,883	35,233	619,934	

Chemical Industries

PRODUCTION and distribution of industrial chemicals, particularly in those branches supplying the needs of the textile and tanning industries, has improved. The demand from the lighter industrial units has been the main sustaining influence, the heavy industries continuing to confine their demands to immediate needs.

Prices of chemical products, although relatively steady for many weeks, still fail to display any general rallying tendencies. The Bureau of Labor Statistics weekly index of chemical and drug prices recorded a new low in the week ending October 15. Prices in that week were nearly 30 per cent below their 1926 average and slightly below the average for the preceding two months.

Employment for the first time since April recorded a gain over the preceding month. Nevertheless, the increase from August to September, 2.5 per cent, was less than seasonal and the adjusted index declined fractionally. Pay rolls, which have declined almost uninterruptedly during the past two years, were again slightly lower than in the previous month. In September, total wage payments were only about 50 per cent as large as in the corresponding month of 1929.

Production of by-product coke, reflecting increased activity in the iron and steel industry, advanced about 5 per cent. Some broadening in demand has been

recently reported in the movement of coal-tar products to the automotive and rubber industries, while the textile and tanning industries continue to place a good call for coal-tar colors.

New orders, production, and shipments of explosives increased sharply from the record low months of June and July. The 23 per cent gain in new orders in August raised this figure to the highest point since January of this year. Shipments exceeded production by approximately a million pounds, leading to a reduction of this amount in stocks on hand. Stocks at the end of the month were at the lowest point recorded since November, 1926.

Naval stores production picked up slightly in September, the output of wood rosin and pine oil reaching the highest quantities recorded since June, 1931. Stocks on hand were somewhat reduced during September, while prices have shown an advancing tendency during the past few months.

Fertilizer consumption in the Southern States picked up sharply but seasonally in September to a volume considerably greater than in this month a year ago, but almost a third less than at this time in 1930. The price of nitrate of soda at New York declined sharply to a record low level, while imports of this product, which had declined to nil in August, were resumed at the new low quotations.

CHEMICAL STATISTICS

Year and month	General operations					Alcohol			By-product coke	Explosives	Rosin, wood	Turpentine, wood	Superphosphates	Fertilizer		
	Employment F. I. B. Indexes			Stocks		Ethyl	Re-fined methanol	Synthetic methanol						Consumption ¹	Total imports	Nitrate of soda imports
	Unadjusted	Adjusted	Pay rolls, unadjusted	Manufactured goods	Raw materials											
Monthly average, 1923-1925=100					Thousands of gallons		Thous. of short tons	Thous. of lbs.	Barrels		Thous. of short tons		Long tons			
1930: September	102.7	102.3	101.3	121	120	14,299	365	545	3,376	35,688	38,293	6,573	332	136	158,602	19,362
1931:																
September	86.0	85.7	80.8	118	100	12,952	57	663	2,310	26,598	25,058	3,797	173	91	146,700	48,580
October	85.7	85.4	80.8	125	121	16,037	56	510	2,389	25,282	26,102	3,922	188	94	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	522	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	112	90	12,365	151	793	1,474	18,340	31,141	4,861	113	40	57,556	0
September	74.0	73.7	59.8	110	110				1,544		31,155	5,020		97	87,502	517
Monthly average January through September:																
1930	106.3		106.3	130	104	12,231	386	513	3,958	32,642	40,667	7,195	382	595	181,325	52,189
1931	90.7		86.9	124	94	11,927	159	645	2,839	26,623	29,435	4,991	239	429	131,736	51,991
1932	77.4		65.7	99	99				1,766		27,587	4,470		269	74,669	4,725

¹ Southern States.

Farm and Food Products

ACTIVITY in the food processing industries in September, according to the Federal Reserve Board's adjusted index, was at the highest point in three years. This was largely due to an extension of slaughtering activity beyond the usual season. As a rule August brings the conclusion of the more active season, but this year the preparation of meats continued heavy through the succeeding month. Hog slaughtering was particularly high. Sugar meltings and flour milling, which are the other two components of this index, were also higher and contributed to the rise in a lesser degree.

The adjusted index of employment was also higher but did not keep pace with the production index. The gain which amounted to only 1 per cent was held down by the inclusion of baking, candy making, and many other industries which do not appear in the index of production and which did not record as large employment gains. The current level is approximately 7 per cent below a year ago.

Crop reports of the Department of Agriculture for October show a reduction of 3,000,000 bushels in spring wheat from the previous estimate. Winter wheat figures remained unchanged placing the aggregate estimated output at 712,000,000 bushels against 894,000,000 produced in 1931. Receipts of wheat a

principal market in September declined 7 per cent from the level of the two preceding months. The September figure was fractionally lower than that recorded for the same month last year.

The movement of butter out of storage during September was about 75 per cent of the movement in the same month in 1931, but it exceeded the 5-year average for this month by approximately 25 per cent. Holdings in cold storage on October 1 were 12 per cent more than a year earlier, but except for 1931 were the lowest for that date since 1921. September receipts of eggs at four principal markets were the lightest recorded for the past 10 years. Receipts of poultry were also below a year ago and storage holdings are just above the seasonal low point of the year.

Coffee imports increased appreciably in September following the cessation of hostilities in the State of Sao Paulo, Brazil, and a renewal of shipments from the port of Santos. The level is still unduly depressed, however, through a resumption of export control by the Brazilian Government. The gain over the preceding month in United States imports amounted to 30 per cent, but the monthly average for the first three quarters of the year is 15 per cent below the same period a year ago. Coffee prices have receded from the recent peak.

FOODSTUFFS STATISTICS

Year and month	Food products industry			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, apparent consumption	Raw sugar ¹	Coffee
	Production adjusted	Employment adjusted											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: September.....	96	92.9	89.5	176	91	63	214	.79	16	.89	2,108	2,799	1,045	652	179	392	991
1931:																	
September.....	93	87.5	73.7	119	92	39	239	.56	8	.46	1,798	2,727	1,067	638	189	330	794
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	151	203	468	601
September.....	99	81.8	61.8	129	89	38	194	.55	19	.29	1,689	2,595	1,097	636	188	328	784
Monthly average, January through Sept.:																	
1930.....	94	96.0	92.1	83	100	39	158	.99	.21	.82	1,595	3,321	1,020	929	180	391	988
1931.....	90	89.5	75.8	76	99	42	211	.65	.15	.52	1,573	3,124	1,025	965	185	401	1,127
1932.....	88	90.0	61.5	60	95	24	190	.57	.11	.34	1,415	2,938	1,023	902	186	406	953

¹Includes receipts from Hawaii and Puerto Rico.

Forest Products

LUMBER orders received during September made the best monthly showing so far this year, and the total footage was only slightly below that reported in the same month last year. Curtailed production and further reduction of stocks continued to improve the technical position of the industry. In a seasonal trend, the volume of new orders lagged somewhat during the first half of October, while production showed a slight increase in that period.

Output during the third quarter was at the lowest ebb in many years. After a steady decline since last May, production in September was a third below the amount produced a year ago. Figures from the large operating mills throughout the country indicate that orders through October 15, 1932, were 26 per cent above production during the same period.

The increase in the adjusted index of employment for September, although slight, reversed a downward movement which had continued with little interruption since the summer of 1929. The figure remained 26 per cent below that for September of last year. The unadjusted index of pay rolls again made a slight advance. In the third quarter this index averaged 23 per cent below the first quarter.

Naval store marketings declined seasonally from the preceding month. The percentage decrease was

not as large, however, as the drop which occurred during the corresponding period of 1931.

Weekly average carloadings of forest products in September rose for the second consecutive month. They were 17 per cent above their low point in July and only fractionally below the monthly average for the first 9 months of the year. Average carloadings in the same period of 1931 were 43 per cent higher.

The sharp increase of 32 per cent in new orders for Douglas fir during September brought the total almost on a par with the footage reported a year ago. Unfilled orders at the end of the month also made the best showing since last September. Production was increased slightly over August.

Although new orders for southern pine dropped 10 per cent from the 1932 high point of the preceding month, they continued considerably above the monthly average figure. Volume of unfilled orders reached a new record level for the year. Production dropped 12 per cent below output in August.

Exports of sawmill products during the first nine months of the year reached a total of \$19,940,000. Of this amount, products aggregating \$5,467,000 were shipped in the third quarter. Of total imports valued at \$8,856,000, only \$1,707,000 represented incoming shipments during the third quarter.

FOREST PRODUCTS STATISTICS

Year and month	General operations			Indexes of marketing		Car-load-ings, forest prod-ucts ¹	Southern hardwoods			Douglas fir ¹			Southern pine			Household furniture ²			
	Lum-ber pro-duction, ad-justed	Em-ploy-ment, ad-justed	Pay rolls, unad-justed	Total forest prod-ucts	Naval stores		Pro-duc-tion	New orders	Un-filled orders	Pro-duc-tion	New orders	Un-filled orders	Pro-duc-tion	New orders	Un-filled orders	Plant operation	Un-filled orders, end of month		
Monthly average 1923-1925=100						Thou-sands of cars	Millions of feet, board measure											Per cent of full time	Num-ber of days' production
1930: September.....	54	62.4	60.9	59.0	158.2	40.4	161	176	475	49.9	54.4	44.1	207	206	112	89.0	26		
1931:																			
September.....	36	49.4	40.3	57.6	111.9	26.1	105	131	387	38.8	39.7	31.3	117	138	74	72.0	15		
October.....	33	48.4	38.2	63.1	114.0	24.6	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	54.6	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		89.4	17.1				24.1	38.4	29.8	80	134	82				
Monthly average January through Sep-tember:																			
1930.....	70	72.2	69.3	68.8	121.7	49.3	220	181	575	60.7	60.1	52.2	240	221	160	72.9	25		
1931.....	44	54.0	43.8	61.4	107.5	31.0	135	158	432	42.6	46.0	39.6	130	160	95	70.1	17		
1932.....	26	39.3	22.5		73.9	17.8				23.3	27.9	20.9	92	115	65				

¹ Weekly average.

² Grand Rapids district.

Iron and Steel Industry

WITH steel operations reaching 20 per cent of capacity in the third week of October, a gain of approximately 40 per cent over the August rate, the persistent downward trend of the industry has been reversed. The increased volume of business as well as the widespread character of the orders, which have come primarily from small and moderate size consumers, were viewed by the trade as healthy bases for the general improvement.

The advance in production of iron and steel during September was the first which had occurred during that month since 1928. Steel output increased 3 points to 17 per cent of capacity, while five additional blast furnaces aided in stepping up daily average production of pig iron 16 per cent above the previous month. The adjusted employment index reversed the downward movement which has characterized that figure since the first of the year. Pay rolls increased 5.9 per cent during the month. A 22 per cent gain was shown in the Federal Reserve Board's adjusted index of general operations. Notwithstanding these substantial percentage increases, activity still remained in sharp contrast to the wider operations reported during the same period last year and the year before.

Tonnage of iron and steel exports in September increased 9 per cent over the quantity shipped in August,

the first advance in this period since 1926. The increase in total value, from \$2,933,000 to \$3,699,000, amounted to 26 per cent. The larger percentage gain in value may be explained by proportionately smaller shipments of scrap and increased exports of higher-priced products.

Although the tonnage of pig iron produced in September remained only slightly more than half that reported for the same month last year, it is noteworthy that the figure showed an increase after five months of steady decline to the lowest level in 30 years. The increase in output of steel ingots for the month amounted to 17 per cent. For the second consecutive month, unfilled orders on the books of the United States Steel Corporation showed a slight increase. The total, however, was still 13 per cent below the monthly average for the year and reflected the absence of substantial purchases from basic outlets such as the railroad, automotive, and building industries.

Prices of steel rails have been cut \$3 a ton in an effort to stimulate railroad purchases, this being the first reduction on rails since 1922. Scrap prices at Chicago increased 50 cents a long ton; prices for Bessemer steel billets remained unchanged, while the composite iron and steel quotation and composite finished steel price were fractionally lower.

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	Man-ganese ore im-ports (man-ganese con-tent)	Prices			
	Produc-tion, (ad-justed) ¹	Em-ploy-ment, ad-justed ¹	Pay rolls, unad-justed	Ex-ports	Im-ports (?)	Pro-duction	Fur-naces in blast	Pro-duction	Per cent of ca-pacity	New or-ders	Ship-ments			Iron and steel com-po-site	Steel billets, Besse-mer (Pitts-burgh)	Steel scrap, Chi-cago	Com-po-site finished steel
Monthly average, 1923-1925=100			Thousands of long tons		Num-ber	Thou-sands of long tons	Per cent	Thousands of short tons		Thousands of long tons		Dollars per long ton			Dollars per 100 pounds		
1930: September.....	83	81.7	75.4	131	40	2,277	123	2,840	55	156	243	3,424	22	32.67	31.00	12.50	2.24
1931:																	
September.....	45	67.4	45.2	70	31	1,169	73	1,545	28	194	149	3,145	27	31.03	29.00	8.20	2.20
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	23	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	1,955	0	29.32	26.00	6.25	2.16
Monthly average, Janu-ary through September:																	
1930.....	101	89.4	89.0	182	46	2,856	163	3,600	70	242	265	4,103	25	34.07	32.17	12.60	2.35
1931.....	63	73.7	60.0	88	37	1,669	96	2,301	42	176	159	3,645	23	31.35	29.50	9.23	2.21
1932.....	31	56.8	29.5	49	31	763	53	1,130	20	75	79	2,236	5	29.58	26.69	6.42	2.16

¹Adjusted for seasonal variation.

²Revised.

Textile Industry

PRONOUNCED and general improvement in the textile industry has been evident for the past two months. The Federal Reserve Board's seasonally adjusted index of textile production increased 13 per cent from August to September; the Department of Labor's index of employment rose 14 per cent and its index of pay rolls advanced 23 per cent. Wholesale prices of textiles averaged 5.6 per cent higher in September than in August.

Raw cotton consumption averaged 19,155 bales per working day in September, 29 per cent more than in August, and 6 per cent more than in September, 1931; the total consumption for the month, 491,655 bales, was the largest monthly consumption since April, 1931. New England consumption increased from 53,458 bales in August to 70,413 bales in September, and the consumption in the cotton-growing States increased from 338,170 bales to 470,966 bales. The New England consumption was the largest since last March and consumption in the cotton-growing States was the largest since April, 1930. Spinning activity in the cotton industry averaged 94.6 per cent capacity on a single-shift basis compared with 72.4 per cent in the preceding month. Standard cotton cloth production increased 26 per cent, the second consecutive monthly increase. Sales were 2.6 per cent larger than production. Shipments again increased and in September totaled 66,848,000 yards, reducing the stocks on hand

to a level equal to about 2.8 weeks' production and sufficient to fill 36 per cent of the unfilled orders.

Wholesale prices of cotton goods averaged 10 per cent higher in September than in August, the second consecutive monthly rise and the sharpest relative advance since August, 1921. Cotton-goods prices are, however, still about 42 per cent lower than in 1926 and 6 per cent lower than at this time last year.

Activity in the wool industry in September showed sharp advances over August. Consumption of raw wool advanced for the fourth consecutive month. Active woolen spindles increased from 59 per cent of capacity on a single-shift basis in August to 70 per cent in September and worsted spindles from 57 per cent to 74 per cent of capacity. Activity of cards rose from 57 to 67 per cent and combs from 85 to 106 per cent of capacity. Wide looms activity increased from 60 to 65 per cent and narrow looms from 26 to 36 per cent. Wholesale prices of woolen and worsted goods advanced 6 per cent from August to September, the first rise since December, 1928.

September raw silk deliveries to American mills totaled 59,694 bales, a slightly smaller quantity than the August deliveries but the third largest on record. Silk and rayon prices averaged 11 per cent higher in September than in August, the second consecutive-month advance, and reached a level 24 per cent higher than the low point in July.

TEXTILE STATISTICS

Year and month	Production index, adjusted	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 1	Spinning spindles					Looms	
					Production 1	Shipments 1	Stocks, end of month	Unfilled orders, end of month				Woolen	Worsted				Narrow	Wide
			Running bales	Millions of spindle hours	Thousands of yards				Monthly average, 1926=100	Thous. of pounds	Per cent of active hours to total reported				Monthly average, 1926=100	Bales of 133 pounds	Monthly average, 1926=100	
1930: September.....	88	393,390	5,662	45,596	58,244	392,406	285,427	78.6	38,083	55	60	41	46	75.9	55,649	51.2		
1931:																		
September.....	100	464,335	6,540	54,424	55,610	244,924	227,167	61.5	47,548	63	70	44	63	65.7	53,819	43.5		
October.....	93	462,025	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.....	102	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		
Monthly average, January through September:																		
1930.....	91	457,075	6,521	55,183	57,006	443,479	302,487	57.5	36,432	57	54	43	49	80.5	45,281	64.5		
1931.....	96	469,245	6,582	53,067	55,596	287,354	298,081	68.8	44,856	60	66	40	60	69.4	48,794	44.4		
1932.....	78	396,380	5,535	50,137	53,530	258,504	309,784	54.2	29,734	45	46	23	46	58.4	46,179	31.5		

¹ Weekly average.

² Grease equivalent.

Miscellaneous Industries

MACHINERY

EMPLOYMENT in the machinery industry was only slightly changed during September. The divisions showing improvement included business machines, machine tools, textile machinery, and radios, while employment in the agricultural implements, electrical machinery, and engine and waterwheel branches declined. Quietness ruled the machine-tool markets, although September brought slightly more orders than August. New orders for machine tools stood at 29 per cent of the base period, the highest level attained since June. Shipments of tools during September registered a marked gain over the preceding month. New orders and shipments of woodworking machinery showed increases of 35 and 1 per cent, respectively, over the preceding month.

FUELS

In keeping with increasing demands from consuming centers, the output of bituminous coal recorded a more than seasonal gain during September. This was a continuation of the upturn that has been in force since July. Increasing seasonal demands were also in evidence in the production of anthracite, which was 27 per cent higher after allowance for seasonal variations. Better conditions within the industry were also reflected by the employment statistics, which showed

gains of 14 and 5 per cent, respectively, in bituminous and anthracite mining. Coke output continued to expand during September, but was considerably lower than a year ago.

PAPER AND PRINTING

For the first time in many months activity in the paper and printing industry showed an upturn, according to the adjusted index of employment. Pay rolls also were up, marking the first gain since January of this year. Demand for most paper lines showed improvement, but prices remained irregular. Curtailment in production of newsprint by both United States and Canadian mills was revealed by the September figures. This decline in output for the month is unusual on a seasonal basis.

STONE, CLAY, AND GLASS

Activity in the stone, clay, and glass industries improved during September, with increased employment and larger pay rolls reported. The cement industry operated at 37 per cent of capacity and output was 5 per cent more than in August. Production is still 32 per cent below a year ago. Shipments of finished cement, although lower than in August, were greater than for any other month of this year. Stocks continued to decline.

MISCELLANEOUS INDUSTRIES

Year and month	Machinery								Fuels				Paper and printing			Cement, clay, and glass products		
	Employment, adjusted	Pay rolls, unadjusted	Foundry equipment		Machine tools		Woodworking machinery		An-thra-cite	Bi-tu-minous coal	Crude petro-leum	Pet-ro-le-um re-fin-ing	Employment, adjusted	Pay rolls, unadjusted	Newsprint, production	Employment, adjusted	Pay rolls, unadjusted	Cement production, adjusted
			New orders	Ship-ments	New orders	Ship-ments	New orders	Ship-ments										
	Monthly average 1923-1925=100	Monthly average 1922-1924=100				Thousands of dollars		Monthly average 1923-1925=100				Short tons	Monthly average 1923-1925=100					
1930: September-----	90.2	84.2	91.0	66.0	136	96	648	516	78	86	114	163	99.0	106.3	95,261	71.7	66.4	105
1931:  September-----	67.3	51.2	31.9	29.6	56	92	345	379	65	70	103	159	91.1	90.4	91,241	59.4	46.1	79
October-----	65.6	50.2	45.9	26.2	45	85	377	347	74	71	116	159	91.0	91.4	97,117	57.6	43.9	75
November-----	64.6	48.3	17.2	32.9	51	50	312	257	66	67	122	155	89.7	90.6	94,149	55.9	40.9	67
December-----	64.5	48.9	26.3	24.9	68	57	310	361	69	64	121	149	89.2	91.0	93,861	55.0	37.4	61
1932:  January-----	61.8	44.5	20.5	28.8	59	47	209	248	54	58	111	140	88.3	85.5	94,247	51.6	31.1	65
February-----	61.2	45.0	32.9	15.7	38	44	220	250	58	63	109	141	87.2	83.5	87,157	51.4	32.9	56
March-----	59.2	42.6	27.9	38.3	33	52	246	195	81	70	109	136	86.2	82.4	100,034	50.1	32.2	53
April-----	56.4	39.1	13.8	21.4	41	51	150	199	81	55	112	144	85.7	79.7	91,235	48.4	31.7	46
May-----	54.1	35.9	18.5	24.5	39	32	165	152	49	49	109	146	84.3	77.0	88,087	45.8	30.2	46
June-----	51.0	32.3	14.2	11.1	37	22	163	174	42	45	105	146	82.8	72.9	85,399	43.4	27.3	52
July-----	48.3	28.8	18.7	16.5	25	27	162	114	55	46	104	141	81.4	69.1	74,502	43.1	24.4	50
August-----	46.4	27.1	18.6	29.8	28	30	139	173	48	50	104	135	80.4	67.4	79,529	40.5	23.9	48
September-----	46.0	27.0	11.9	10.2	29	43	187	175	61	57	105	135	81.1	70.0	70,621	41.9	24.6	54
Monthly average, January through September:																		
1930-----	101.2	103.3	122.8	153.3	146	175	821	866	86	90	125	165	102.4	111.6	109,637	77.5	71.1	113
1931-----	75.0	64.1	59.4	64.9	81	87	476	472	75	74	114	155	94.0	97.6	97,183	63.5	51.4	88
1932-----	53.8	35.8	19.7	21.8	37	39	182	187	59	55	108	135	84.2	76.4	85,646	46.2	28.7	52

EXPORTS OF LUMBER ¹

[Thousands of feet, board measure]

Months	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
January.....	83,495	124,612	86,187	148,672	130,822	218,557	153,171	156,003	180,951	241,148	226,786	154,491	116,427	85,424
February.....	67,405	106,466	66,342	125,970	132,414	159,215	136,502	156,795	154,488	157,841	175,042	131,337	69,617	66,275
March.....	70,741	129,410	73,180	159,876	128,737	153,284	176,935	195,428	155,497	189,267	203,439	155,636	76,125	63,838
April.....	101,959	137,039	96,558	132,807	145,005	148,933	186,147	173,096	189,877	181,934	204,568	173,734	138,343	75,080
May.....	105,431	154,890	79,665	127,419	152,884	157,769	163,027	174,633	195,652	225,844	223,189	161,547	145,515	78,024
June.....	155,453	139,234	106,862	151,932	172,289	138,792	183,151	179,203	216,703	225,969	215,244	192,115	122,563	73,145
July.....	92,696	153,270	106,176	115,608	159,414	156,703	158,369	143,752	192,588	190,783	222,979	148,581	121,934	63,917
August.....	146,791	143,044	105,845	123,233	157,710	150,904	132,089	158,087	195,111	169,423	183,696	139,224	100,847	55,189
September.....	151,234	135,879	98,587	106,943	128,171	159,613	138,044	165,270	192,118	172,962	165,980	141,317	91,256	65,267
October.....	98,723	128,186	123,245	110,134	127,844	157,877	170,376	122,141	173,400	207,620	196,467	124,773	86,639	-----
November.....	116,075	99,086	110,893	115,222	145,920	144,456	148,700	165,127	172,055	186,425	156,136	112,027	79,442	-----
December.....	121,207	100,242	151,268	115,097	171,642	160,241	201,298	167,192	170,252	209,674	204,983	131,617	90,146	-----
Monthly average.....	109,268	129,280	100,401	127,743	146,071	158,862	162,317	163,061	182,391	196,574	198,209	147,200	103,238	-----

IMPORTS OF IRON AND STEEL ²

[Long tons]

Months	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
January.....	16,914	41,795	17,102	10,971	120,283	29,464	77,809	79,144	63,404	58,870	54,794	43,624	41,628	31,053
February.....	12,262	36,039	4,820	9,281	67,706	42,290	93,270	100,328	49,451	48,756	58,146	43,326	28,045	26,738
March.....	17,632	38,377	5,496	11,306	106,010	39,280	92,857	93,106	61,824	74,455	52,745	56,618	40,402	41,031
April.....	16,561	29,681	7,150	13,951	77,913	50,992	72,406	107,636	60,374	72,927	54,337	53,686	47,872	36,339
May.....	18,324	35,036	11,168	15,806	75,892	66,085	70,066	108,410	79,314	72,478	74,272	54,315	37,176	39,751
June.....	21,205	40,545	9,043	29,155	68,018	60,582	83,651	122,875	69,017	66,602	63,905	48,953	37,819	34,494
July.....	28,522	31,864	10,644	46,591	53,496	32,020	66,654	82,589	61,112	53,567	71,378	39,083	37,190	18,005
August.....	28,987	58,335	9,785	40,964	45,435	44,928	69,739	91,577	68,446	76,172	83,508	35,405	30,139	23,623
September.....	37,491	31,745	13,179	64,168	36,658	45,218	69,147	85,565	58,471	65,749	60,975	40,285	30,966	29,241
October.....	40,698	33,369	13,910	174,772	29,885	41,222	82,391	81,834	52,509	66,977	63,134	38,344	29,406	-----
November.....	43,869	18,953	11,000	141,251	26,392	34,986	80,831	81,309	61,882	70,757	54,049	43,098	34,634	-----
December.....	39,799	15,118	10,318	96,390	26,986	69,554	98,990	75,572	64,188	55,362	48,086	40,754	25,812	-----
Monthly average.....	26,855	34,238	10,301	54,551	61,223	46,385	79,788	92,495	62,499	65,223	61,611	44,791	35,091	-----

RECEIPTS OF BARLEY ³

[Thousands of bushels]

Months	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
January.....	-----	-----	3,274	1,938	3,394	2,290	4,355	2,713	2,374	4,121	3,240	2,162	2,089	1,202
February.....	-----	-----	1,777	2,113	2,366	2,723	3,656	2,284	2,210	3,813	4,205	2,720	1,622	1,156
March.....	-----	-----	2,644	2,805	3,141	2,469	2,928	2,435	1,971	4,507	3,294	2,500	2,180	2,041
April.....	-----	-----	1,971	1,643	2,154	2,216	1,812	2,190	2,041	2,388	2,890	2,067	1,954	1,711
May.....	-----	-----	2,370	2,698	1,707	1,859	2,360	2,548	1,911	2,830	2,815	2,207	2,122	1,226
June.....	-----	-----	3,395	2,969	1,967	1,415	3,023	2,761	2,368	2,394	2,876	1,931	1,640	922
July.....	-----	-----	2,805	2,149	1,839	1,315	2,786	1,315	1,716	1,891	3,407	1,940	1,421	888
August.....	-----	2,613	5,815	3,920	4,664	3,379	10,807	4,479	10,032	20,515	17,473	9,123	4,067	6,037
September.....	-----	5,834	4,530	4,746	5,860	12,930	14,092	6,470	14,145	19,712	6,493	10,228	4,432	4,631
October.....	-----	5,096	3,518	4,315	4,897	11,373	5,597	4,008	9,879	14,973	4,479	4,679	4,685	-----
November.....	-----	5,494	1,869	3,713	3,493	6,441	4,220	3,219	6,925	6,609	3,020	3,331	2,079	-----
December.....	-----	4,259	1,878	3,834	3,825	4,729	3,603	2,546	4,795	5,386	3,045	2,819	1,531	-----
Monthly average.....	-----	-----	2,987	3,070	3,275	4,428	4,937	3,081	5,031	7,428	4,770	3,811	2,485	-----

RECEIPTS OF RYE ³

[Thousands of bushels]

Months	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
January.....	-----	-----	1,787	943	6,537	1,651	1,981	1,399	1,015	1,268	1,028	1,322	360	350
February.....	-----	-----	1,202	1,327	4,260	1,679	1,290	928	1,755	1,235	931	449	264	296
March.....	-----	-----	1,073	2,839	3,474	1,438	723	1,050	1,333	1,827	1,026	591	305	548
April.....	-----	-----	1,299	1,154	3,504	901	1,494	951	1,290	1,084	988	298	371	396
May.....	-----	-----	1,243	3,069	1,911	2,046	4,436	1,174	3,189	1,534	1,420	1,172	553	882
June.....	-----	-----	1,316	1,679	2,226	3,710	770	1,037	1,266	697	798	379	442	344
July.....	-----	-----	2,068	1,623	1,347	4,242	369	668	1,305	537	732	672	421	353
August.....	-----	2,521	5,191	11,888	3,396	4,849	1,667	1,464	3,348	2,031	4,794	4,366	1,062	1,458
September.....	-----	4,828	4,844	11,020	4,746	13,351	6,029	3,590	9,650	5,339	3,184	5,522	1,228	991
October.....	-----	3,865	2,478	7,102	2,955	16,854	3,214	2,381	6,934	6,331	2,881	1,702	1,208	-----
November.....	-----	3,116	1,685	6,894	3,236	8,601	2,639	2,370	4,310	2,556	1,653	1,056	707	-----
December.....	-----	2,807	1,388	6,550	2,442	3,567	1,808	1,070	2,143	1,687	5,206	785	374	-----
Monthly average.....	-----	-----	2,131	4,674	3,336	5,241	2,202	1,507	3,128	2,177	2,053	1,526	608	-----

STOCKS OF RYE ³

[Thousands of bushels]

Months	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932
January.....	-----	-----	-----	-----	-----	-----	-----	12,880	4,027	6,185	14,536	15,629	10,085	-----
February.....	-----	-----	-----	-----	-----	-----	-----	13,897	4,321	6,440	14,379	14,270	10,006	-----
March.....	-----	-----	-----	-----	-----	-----	-----	13,905	5,090	6,914	14,285	13,199	10,124	-----
April.....	-----	-----	-----	-----	-----	-----	-----	7,818	5,544	6,858	13,701	10,990	9,493	-----
May.....	-----	-----	-----	-----	-----	-----	-----	3,783	2,662	6,532	12,572	10,496	9,416	-----
June.....	-----	-----	-----	-----	-----	-----	-----	1,018	2,499	6,632	12,481	10,154	9,368	-----
July.....	-----	-----	-----	-----	-----	-----	-----	1,454	2,170	6,614	12,073	9,838	8,955	-----
August.....	-----	-----	-----	-----	-----	-----	-----	2,091	1,351	8,561	14,248	9,405	9,052	-----
September.....	-----	-----	-----	-----	-----	-----	-----	2,608	2,684	9,771	17,010	10,095	8,700	-----
October.....	-----	-----	-----	-----	-----	-----	-----	2,077	4,597	11,453	17,291	10,376	-----	-----
November.....	-----	-----	-----	-----	-----	-----	-----	2,970	5,589	12,033	17,173	10,431	-----	-----
December.....	-----	-----	-----	-----	-----	-----	-----	3,281	5,934	12,914	16,576	10,265	-----	-----
Monthly average.....	-----	-----	-----	-----	-----	-----	-----	5,649	3,872	8,409	14,694	11,262	-----	-----

¹ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, and supersedes the statistics previously shown in the survey, which have been incomplete since 1924, owing to changes in classifications. The figures for 1919 to 1923, inclusive, are identical with the statistics previously carried. The data shown herewith consist of exports of boards, planks, and scantlings of the following: Hardwoods—ash; birch; beech; maple; chestnut; cottonwood; red, sap, black, and tupelo gum; hickory; oak; poplar; walnut; mahogany; and magnolia; softwoods—cypress; rough and dressed Douglas fir; rough and dressed southern pine; white, ponderosa, and sugar pine; cedar; redwood; spruce, and hemlock. Details are shown in the *Monthly Summary of Foreign Commerce of the United States*.

² Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, and consisting of total iron and steel imports as reported in quantities. While the items are not identical throughout, the nonidentical series are extremely small. When added in 1922, when most changes were made, the additional items represented less than one-half of 1 per cent of the total. The following products are included throughout the period: Pig iron; ferromanganese and alloys; ferrosilicon; scrap; steel ingots, blooms, and bars; iron bars; wire rods; sheets and plates; skelp; tin plate; structural shapes; and rails. In 1922 and subsequent years the following items are also included: Pipes and tubes; round wire; flat wire and strips; wire rope; nails; bolts, nuts, and rivets; and castings and forgings. In 1925 hoops, bars and scrolls; iron ingots and slabs; splice bars; barbed wire; telegraph and insulating wire; other wire; and horseshoes were added. Details by classes are shown in the *Monthly Summary of Foreign Commerce of the United States*. These data supersede the series previously shown, which did not include all of the above items for the entire period.

³ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Data on receipts of barley and rye represent the receipts of these commodities at Minneapolis, Milwaukee, Chicago, and Duluth. The figures as shown have been reduced to a monthly basis by combining the data for the weeks within the month and prorating the overlapping periods at the beginning and end of each month. Data on stocks of rye represent stocks held in mills and warehouses at 43 reporting centers. Details are shown in weekly releases of the *Department of Agriculture*. These data supersede the series previously shown in the survey.

Monthly Business Statistics

The following summary, showing the trend of industrial and commercial movements, represents a continuation of the data in the 1932 Annual Supplement of the Survey of Current Business which contains figures for earlier years and explanations of the sources and basis of the figures quoted. Later data will be found in the Weekly Supplements of the Survey. **The arrangement of months was changed with the June, 1932, issue.**

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931					1932							
	September	September	October	November	December	January	February	March	April	May	June	July	August	
BUSINESS INDEXES														
BUSINESS ACTIVITY (Annalist)														
Combined index.....normal=100..	59.6	70.8	66.3	65.1	65.5	62.8	62.6	61.6	56.5	52.9	52.9	² 52.0	² 55.5	
Automobile production.....normal=100..	22.8	40.4	26.2	33.4	50.7	43.7	33.5	27.4	32.7	43.0	47.3	² 32.3	² 24.6	
Bituminous coal production.....normal=100..	56.9	69.4	68.3	66.6	64.6	57.1	62.5	74.5	54.0	47.7	44.5	45.1	² 49.9	
Boot and shoe production.....normal=100..	92.5	94.5	74.4	71.9	80.7	82.3	90.7	97.1	89.2	85.9	86.1	² 83.4	² 91.0	
Carloadings, freight.....normal=100..	52.4	67.3	67.9	65.8	65.6	62.8	61.7	60.1	58.2	51.2	50.1	48.8	48.9	
Cotton consumption.....normal=100..	89.0	83.9	74.1	72.8	72.1	70.3	71.5	73.2	56.8	55.7	57.5	57.4	75.3	
Electric power production.....normal=100..	68.0	81.8	78.1	76.2	75.9	73.5	73.1	² 72.2	70.4	67.9	68.4	67.3	² 67.5	
Pig-iron production.....normal=100..	19.7	39.4	37.4	36.3	31.9	31.5	31.5	27.9	24.9	22.5	19.7	18.0	16.7	
Steel ingot production.....normal=100..	22.5	² 37.2	35.5	40.7	32.6	32.7	31.1	26.3	25.0	23.1	20.2	19.3	18.3	
Wool consumption.....normal=100..	101.3	82.1	75.4	67.8	71.0	71.7	60.6	45.0	39.5	45.3	65.1	87.1	87.1	
Zinc production.....normal=100..	27.6	45.3	44.1	41.9	43.0	41.6	41.9	41.3	40.0	36.0	34.7	31.2	27.8	
INDUSTRIAL PRODUCTION (F. R. B.)														
Total, unadjusted.....1923-1925=100..	67	77	75	72	68	71	71	68	64	61	60	56	² 59	
Manufactures, unadjusted.....1923-1925=100..	66	76	72	70	66	70	70	66	63	61	59	55	² 58	
Automobiles.....1923-1925=100..	26	43	23	22	36	38	37	34	45	57	54	35	26	
Cement.....1923-1925=100..	67	99	85	67	47	40	34	38	45	55	65	61	62	
Food products.....1923-1925=100..	97	92	92	95	99	98	91	83	84	87	83	80	78	
Glass, plate.....1923-1925=100..	58	56	46	73	66	81	51	61	36	49	59	² 38	23	
Iron and steel.....1923-1925=100..	27	44	44	47	37	41	43	39	35	31	25	23	23	
Leather and shoes.....1923-1925=100..	106	108	88	75	71	79	91	87	80	79	76	² 93	93	
Lumber.....1923-1925=100..	25	36	34	26	25	24	23	28	30	31	29	26	26	
Metals, nonferrous.....1923-1925=100..	64	64	64	64	64	64	64	64	64	64	64	64	64	
Paper and printing.....1923-1925=100..	95	91	91	85	99	100	99	100	99	94	90	78	80	
Petroleum refining.....1923-1925=100..	159	159	156	149	140	141	136	144	146	146	146	141	135	
Rubber tires and tubes.....1923-1925=100..	77	67	63	61	85	93	81	82	91	129	87	68	68	
Shipbuilding.....1923-1925=100..	82	70	118	66	17	116	151	111	94	100	79	87	86	
Textiles.....1923-1925=100..	103	101	95	92	83	94	91	83	67	60	59	64	² 86	
Tobacco manufactures.....1923-1925=100..	123	130	120	117	91	116	104	203	100	111	128	123	115	
Minerals, unadjusted.....1923-1925=100..	73	82	90	83	79	74	75	77	72	65	61	62	² 66	
Anthracite.....1923-1925=100..	62	66	95	68	68	59	62	67	85	49	37	45	48	
Bituminous coal.....1923-1925=100..	61	74	78	75	68	65	66	70	46	43	40	42	49	
Copper (mined).....1923-1925=100..	59	59	59	59	59	59	59	59	59	59	59	59	59	
Iron ore shipments.....1923-1925=100..	15	99	71	10	62	60	56	56	45	3	6	15	17	
Lead.....1923-1925=100..	39	61	68	61	62	60	56	56	45	48	50	29	32	
Petroleum, crude.....1923-1925=100..	108	105	117	120	117	107	107	107	112	110	107	106	² 106	
Silver.....1923-1925=100..	35	40	40	41	43	35	33	30	42	35	44	34	40	
Zinc.....1923-1925=100..	29	47	46	45	46	48	49	48	45	40	36	31	28	
Total, adjusted.....1923-1925=100..	66	76	73	73	74	72	69	67	63	60	59	58	60	
Manufactures, adjusted.....1923-1925=100..	65	75	71	71	73	71	68	64	61	58	58	57	² 59	
Automobiles.....1923-1925=100..	24	40	26	30	66	45	35	28	35	45	47	33	23	
Cement.....1923-1925=100..	54	79	75	67	61	65	56	53	46	46	52	50	48	
Food products.....1923-1925=100..	99	93	92	91	97	93	90	84	91	89	83	81	² 84	
Glass, plate.....1923-1925=100..	57	56	48	98	75	75	47	55	33	58	² 38	22	22	
Iron and steel.....1923-1925=100..	28	45	45	51	42	43	41	34	32	29	25	23	23	
Leather and shoes.....1923-1925=100..	92	95	81	77	82	85	89	92	89	86	82	77	83	
Lumber.....1923-1925=100..	24	36	33	27	27	27	23	27	28	29	28	27	25	
Metals, nonferrous.....1923-1925=100..	65	65	65	65	65	65	65	65	65	65	65	65	65	
Paper and printing.....1923-1925=100..	104	100	97	97	101	110	99	97	92	89	84	83	83	
Petroleum refining.....1923-1925=100..	159	159	155	149	140	141	136	144	146	146	146	141	135	
Rubber tires and tubes.....1923-1925=100..	80	76	84	88	92	85	73	70	72	107	89	68	68	
Shipbuilding.....1923-1925=100..	82	96	134	86	24	164	194	115	75	80	54	54	90	
Textiles.....1923-1925=100..	102	100	93	89	88	89	86	83	65	59	63	69	² 90	
Tobacco manufactures.....1923-1925=100..	111	118	111	113	113	124	114	109	109	110	118	114	108	
Minerals, adjusted.....1923-1925=100..	70	77	82	81	84	77	78	84	79	67	63	64	² 65	
Anthracite.....1923-1925=100..	61	65	74	66	69	54	58	81	81	49	42	55	48	
Bituminous coal.....1923-1925=100..	57	70	71	67	64	58	63	70	55	49	45	46	50	
Copper (mined).....1923-1925=100..	60	60	60	60	60	60	60	60	60	60	60	60	60	
Iron ore shipments.....1923-1925=100..	8	52	41	12	62	59	54	55	45	2	3	8	8	
Lead.....1923-1925=100..	41	65	60	55	62	59	54	55	45	49	59	31	33	
Petroleum, crude.....1923-1925=100..	105	102	116	122	121	111	109	109	112	109	105	104	² 104	
Silver.....1923-1925=100..	37	42	41	38	43	35	31	30	45	36	45	40	41	
Zinc.....1923-1925=100..	30	49	47	45	45	45	46	45	44	39	37	34	31	
INDUSTRIAL CONSUMPTION OF ELECTRICAL ENERGY														
Consumption, by geographic sections:														
Total, United States.....1923-1925=100..	83.4	100.4	97.1	98.8	89.1	93.9	98.8	88.0	84.0	82.0	78.1	² 79.2	² 73.4	
Middle Atlantic.....1923-1925=100..	82.8	104.0	103.3	99.6	89.2	89.6	95.4	84.2	80.5	78.5	68.5	² 70.0	² 67.5	
New England.....1923-1925=100..	76.5	² 95.6	87.5	86.4	84.2	87.2	93.0	83.7	73.1	71.0	67.3	² 66.2	² 67.7	
North Central.....1923-1925=100..	74.3	92.6	87.4	89.5	85.2	89.5	93.1	82.4	78.3	82.7	80.2	75.4	² 66.8	
Southern.....1923-1925=100..	113.8	113.2	119.3	100.0	108.1	106.7	95.2	93.9	90.3	83.7	86.0	89.2	89.2	
Western.....1923-1925=100..	102.3	102.2	111.0	98.3	106.0	103.7	97.0	96.2	94.3	91.5	89.2	89.2	89.2	
Consumption by industries:														
Total, all industries.....1923-1925=100..	83.4	100.4	97.1	98.8	89.1	93.9	98.8	88.0	84.0	82.0	78.1	² 79.2	² 73.4	
Automobiles, including parts and accessories.....1923-1925=100..	36.5	² 53.8	57.4	65.5	78.1	83.6	85.3	72.8	64.4	69.3	65.9	² 58.0	² 33.7	
Chemicals and allied products.....1923-1925=100..	126.8	144.6	142.0	138.9	118.2	134.3	137.1	125.1	125.0	129.9	123.8	124.9	115.8	
Food products.....1923-1925=100..	131.0	142.0	136.5	144.0	124.8	127.2	129.5	114.9	117.5	116.3	118.4	122.0	² 123.2	
Leather and products.....1923-1925=100..	93.7	81.9	81.8	75.2	79.2	67.6	90.6	86.7	73.9	74.7	65.7	73.7	² 82.2	
Lumber and products.....1923-1925=100..	82.8	82.2	82.2	76.4	67.0	81.9	86.8	78.2	76.1	77.8	70.0	69.2	² 71.7	

² Revised.

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

BUSINESS INDEXES—Continued

INDUSTRIAL CONSUMPTION OF ELECTRICAL ENERGY—Continued														
Consumption by industries—Continued.														
Metals, group.....	1923-1925=100..	50.2	76.2	73.0	76.4	70.6	71.3	76.0	66.0	61.6	58.1	54.1	² 50.7	² 44.7
Electrical apparatus.....	1923-1925=100..	132.6	130.4	126.9	123.5	120.0	122.2	102.9	95.6	92.8	83.1	79.2	79.2	79.2
Metal-working plants.....	1923-1925=100..	49.8	75.0	71.0	76.0	70.9	72.7	74.8	64.8	59.7	55.8	50.2	50.2	² 45.0
Rolling mills and steel plants.....	1923-1925=100..	50.6	78.3	76.3	77.0	70.0	77.6	78.2	69.0	64.7	61.8	55.8	² 51.2	² 44.0
Paper and pulp.....	1923-1925=100..	104.0	138.3	113.0	126.1	107.0	109.3	116.1	114.4	105.5	102.7	95.8	94.5	² 93.5
Rubber and products.....	1923-1925=100..	87.7	88.0	82.8	93.5	79.2	104.0	112.0	96.8	88.3	95.5	120.7	95.6	² 76.4
Shipbuilding.....	1923-1925=100..	84.0	88.9	84.5	95.0	94.6	93.2	99.2	84.5	91.1	96.8	85.1	82.5	² 77.9
Stone, clay, and glass.....	1923-1925=100..	88.3	113.9	113.4	113.8	76.8	77.1	90.0	81.0	98.7	97.9	87.1	77.5	² 71.8
Textiles.....	1923-1925=100..	84.5	98.7	98.2	93.4	89.8	87.8	96.8	86.0	69.6	62.8	55.2	54.0	65.7
MARKETINGS														
Agricultural products.....	1923-1925=100..	125	117	207	153	97	89	75	69	55	54	46	53	79
Animal products.....	1923-1925=100..	89	92	97	98	97	92	87	88	90	111	105	94	96
Dairy products.....	1923-1925=100..	91	91	93	95	100	103	104	106	105	160	151	121	110
Livestock.....	1923-1925=100..	187	160	141	117	80	89	114	180	148	153	139	152	180
Poultry and eggs.....	1923-1925=100..	80	88	104	96	90	89	79	73	75	77	69	63	76
Wool.....	1923-1925=100..	74	88	75	117	137	78	78	92	109	116	97	75	² 78
Crops.....	1923-1925=100..	213	125	50	47	40	37	39	28	41	77	212	384	322
Cotton.....	1923-1925=100..	129	119	219	159	96	89	74	67	52	48	39	49	77
Fruits.....	1923-1925=100..	171	152	367	277	160	133	80	77	50	30	19	10	45
Grains.....	1923-1925=100..	118	129	191	97	63	68	75	69	62	92	61	76	158
Vegetables.....	1923-1925=100..	100	80	84	66	42	46	64	43	40	44	32	77	98
Forest products.....	1923-1925=100..	76	103	132	79	71	82	86	111	99	94	132	80	45
Distilled wood.....	1923-1925=100..	51	57	60	53	46	46	47	48	51	53	55	55	55
Lumber.....	1923-1925=100..	89	112	114	97	90	26	24	30	68	102	104	114	107
Naval stores.....	1923-1925=100..	57	57	82	89	94	108	103	110	101	93	63	75	59
Pulpwood.....	1923-1925=100..	57	57	82	89	94	108	103	110	101	93	63	75	59
ORDERS														
Orders, new.....	1923-1925=100..	48	44	41	36	39	36	36	36	33	32	30	27	37
Iron and steel.....	1923-1925=100..	56	43	37	36	34	34	32	32	33	² 33	25	26	26
Lumber and products.....	1923-1925=100..	31	29	28	24	29	22	23	22	19	17	² 20	43	43
Paper.....	1923-1925=100..	96	91	81	69	85	86	85	78	73	68	² 68	75	75
Stone, clay, and glass.....	1923-1925=100..	50	44	42	36	35	36	37	35	35	35	30	36	36
Textiles.....	1923-1925=100..	99	102	98	85	92	92	93	80	81	80	62	111	111
Transportation equipment.....	1923-1925=100..	0	4	5	3	2	0	1	0	0	0	1	0	0
Orders, unfilled.....	1923-1925=100..	46	44	43	40	43	40	36	34	32	30	29	32	32
Iron and steel.....	1923-1925=100..	53	52	49	46	50	48	47	44	41	38	37	37	37
Furniture and flooring.....	1923-1925=100..	29	24	26	28	35	30	24	22	19	17	16	21	21
Paper.....	1923-1925=100..	63	63	65	37	45	44	36	34	32	31	² 24	35	35
Brick and glass.....	1923-1925=100..	27	27	25	23	29	27	28	28	27	24	² 24	23	23
Textiles.....	1923-1925=100..	35	34	33	31	37	39	33	33	29	27	32	45	45
Transportation equipment.....	1923-1925=100..	68	66	64	59	61	55	43	43	44	42	38	34	34
STOCKS														
Domestic stocks.....	1923-1925=100..	142	142	160	169	166	161	159	155	150	144	137	132	134
Manufactured goods.....	1923-1925=100..	99	107	104	105	108	108	109	110	108	108	104	² 102	102
Chemicals and allied prod.....	1923-1925=100..	121	118	125	129	124	128	135	134	134	131	118	120	² 116
Food products.....	1923-1925=100..	80	81	68	67	72	81	87	84	85	91	98	² 90	95
Forest products.....	1923-1925=100..	98	105	100	104	106	102	98	98	96	96	94	98	² 98
Iron and steel products.....	1923-1925=100..	91	123	125	123	128	108	101	99	97	101	103	91	87
Leather.....	1923-1925=100..	83	80	80	82	85	86	84	83	85	84	83	83	83
Metals, nonferrous.....	1923-1925=100..	193	201	202	201	200	200	197	197	200	201	202	205	199
Paper, newsprint.....	1923-1925=100..	127	128	122	124	125	124	126	148	136	135	136	128	138
Rubber products.....	1923-1925=100..	69	94	96	93	96	91	104	112	106	58	72	² 75	75
Stone, clay, and glass.....	1923-1925=100..	146	151	148	168	166	193	192	197	184	182	180	174	155
Textiles.....	1923-1925=100..	74	87	91	97	95	93	90	87	82	79	75	74	74
Raw materials.....	1923-1925=100..	173	167	201	214	209	199	195	188	180	170	161	153	157
Chemicals and allied prod.....	1923-1925=100..	110	100	121	134	125	116	107	102	97	93	91	88	² 90
Foodstuffs.....	1923-1925=100..	181	204	212	207	201	191	193	196	189	178	168	162	175
Metals.....	1923-1925=100..	122	152	164	167	155	147	142	134	129	131	123	128	125
Textile materials.....	1923-1925=100..	217	170	250	290	289	279	268	251	235	222	207	193	189
World stocks—foodstuffs and raw materials:														
Total.....	1923-1925=100..	251	260	265	264	² 268	264	276	² 273	286	² 286	² 277	² 273	273
Coffee—adj. for seasonal.....	1923-1925=100..	447	463	482	512	512	520	547	532	498	498	498	498	498
Copper—unadjusted.....	1923-1925=100..	173	173	173	173	173	173	173	173	173	173	173	173	173
Cotton—adj. for seasonal.....	1923-1925=100..	244	213	216	227	216	222	207	229	218	250	251	264	268
Rubber—adj. for seasonal.....	1923-1925=100..	332	306	322	329	332	² 346	² 349	² 337	² 340	² 343	² 332	² 318	² 330
Silk—adj. for seasonal.....	1923-1925=100..	228	221	216	213	227	241	239	243	229	249	249	214	206
Sugar—adj. for seasonal.....	1923-1925=100..	322	318	315	309	303	305	307	322	330	341	327	314	314
Tea—adj. for seasonal.....	1923-1925=100..	136	124	122	126	130	124	120	121	103	121	119	128	130
Tin—unadjusted.....	1923-1925=100..	229	243	243	243	246	240	246	244	243	243	235	236	226
Wheat—adj. for seasonal.....	1923-1925=100..	203	207	210	220	226	213	238	231	250	240	204	204	189

COMMODITY PRICES

COST OF LIVING (N. I. C. B.)														
Total, all groups.....	1923=100..	76.6	85.9	85.6	84.9	83.9	83.1	81.4	80.1	79.6	78.8	77.9	77.0	76.8
Clothing.....	1923=100..	64.2	78.6	78.5	75.4	74.2	73.8	72.0	70.4	69.7	68.4	66.9	64.8	64.3
Food.....	1923=100..	68.7	81.9	81.7	81.5	79.9	78.2	74.8	72.1	71.9	71.0	69.3	69.1	69.0
Fuel and light.....	1923=100..	86.0	89.6	90.1	90.5	90.5	90.3	90.0	89.6	88.9	87.0	85.7	85.3	85.5
Housing.....	1923=100..	70.5	81.5	80.7	80.3	79.3	78.5	77.1	76.2	75.7	74.6	73.5	71.7	71.2
Sundries.....	1923=100..	92.6	95.5	95.4	94.6	94.3	94.2	93.9	93.8	93.2	93.0	93.3	92.8	92.8

² Revised.³ Preliminary.

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931				1932							
	Septem-ber	Septem-ber	October	Novem-ber	Decem-ber	January	Febru-ary	March	April	May	June	July	August
COMMODITY PRICES—Continued													
FARM PRICES (Dept. of Agri.)													
Total, all groups.....1909-1914=100..	59	72	68	71	66	63	60	61	59	56	52	57	59
Cotton and cottonseed.....1909-1914=100..	57	47	42	50	45	45	47	50	46	42	37	41	51
Dairy and poultry products.....1909-1914=100..	71	93	99	102	99	85	77	72	70	66	62	64	68
Fruits and vegetables.....1909-1914=100..	68	83	70	68	68	70	68	73	78	80	82	83	79
Grains.....1909-1914=100..	41	50	46	57	52	52	51	51	50	49	44	42	43
Meat animals.....1909-1914=100..	67	86	79	76	68	68	65	69	66	59	57	72	69
Unclassified.....1909-1914=100..	42	55	53	51	49	46	47	46	44	43	40	38	40
RETAIL PRICES													
Coal (Dept. of Labor).....1913=100..	171	189	189	189	189	189	189	183	170	166	166	166	168
Food (Dept. of Labor).....1913=100..	100	119	119	117	114	109	105	105	104	101	100	101	101
WHOLESALE PRICES													
Department of Labor index:													
Combined index (784).....1926=100..	65.3	71.2	70.3	70.2	68.6	67.3	66.3	66.0	65.5	64.4	63.9	64.5	65.2
Economic classes—													
Finished products.....1926=100..	70.4	75.9	75.1	74.8	73.3	72.1	71.4	71.5	71.1	70.3	70.0	70.5	70.7
Raw materials.....1926=100..	56.2	62.7	61.5	62.0	60.2	58.3	56.9	56.1	55.5	53.9	53.2	54.7	55.7
Semi-manufactures.....1926=100..	60.7	66.7	65.2	64.9	63.7	63.1	61.9	59.6	58.1	57.6	55.5	57.9	57.9
Farm products.....1926=100..	49.1	60.5	58.8	58.7	55.7	52.8	50.6	50.2	49.2	46.6	45.7	47.9	49.1
Grains.....1926=100..	37.4	44.2	44.3	51.3	47.0	46.7	46.1	43.5	44.5	42.6	37.7	36.7	38.2
Livestock and poultry.....1926=100..	51.2	61.0	57.6	55.7	51.7	53.4	50.3	51.4	49.2	44.4	46.7	54.1	52.8
Foods.....1926=100..	61.8	73.7	73.3	71.0	69.1	64.7	62.5	62.3	61.0	59.3	58.8	60.9	61.8
Dairy products.....1926=100..	60.6	84.6	86.1	80.7	79.8	67.8	64.1	64.2	61.6	59.6	57.4	58.2	60.2
Fruits and vegetables.....1926=100..	52.5	71.0	68.2	65.1	63.5	62.2	61.8	62.3	62.3	61.5	62.4	59.7	55.6
Meats.....1926=100..	60.9	73.6	71.1	67.7	63.2	61.9	59.5	61.4	59.8	56.5	56.0	62.0	61.9
Other products.....1926=100..	70.4	73.9	72.9	73.5	72.3	71.7	71.3	70.9	70.9	70.4	70.1	69.7	70.1
Building materials.....1926=100..	70.5	77.0	76.1	76.2	75.7	74.8	73.4	73.2	72.5	71.5	70.8	69.7	69.6
Brick and tile.....1926=100..	75.4	82.6	82.6	81.4	80.0	79.3	79.3	79.3	78.4	77.4	76.1	75.9	75.2
Cement.....1926=100..	79.0	75.8	75.1	74.6	74.6	75.2	75.3	75.0	75.0	75.0	77.1	77.3	79.8
Lumber.....1926=100..	56.3	66.9	65.2	65.9	65.8	65.6	62.9	61.5	60.0	59.5	57.6	56.9	55.5
Chemicals and drugs.....1926=100..	72.9	76.3	75.6	76.1	76.1	75.7	75.5	75.3	74.4	73.6	73.1	73.0	73.3
Chemicals.....1926=100..	79.8	79.8	79.7	80.6	80.8	80.6	80.8	80.9	79.7	79.1	78.6	78.9	79.7
Drugs and pharmaceuticals.....1926=100..	56.6	61.7	61.6	61.3	61.0	60.6	60.1	59.7	58.9	58.7	58.3	57.6	57.0
Fertilizer materials.....1926=100..	63.6	74.2	70.2	70.1	70.1	69.9	69.8	68.6	70.1	69.4	68.0	66.8	66.4
Fuel and lighting.....1926=100..	70.8	67.4	67.8	69.4	68.3	67.9	68.3	67.9	70.2	70.7	71.6	72.3	72.1
Electricity.....1926=100..	100.6	102.1	103.4	104.1	104.1	107.5	104.8	104.4	103.5	104.1	105.5	105.8	104.4
Gas.....1926=100..	103.4	100.8	100.1	98.2	98.6	98.0	97.5	99.1	103.0	106.3	108.3	107.0	107.0
Petroleum products.....1926=100..	46.7	38.9	39.2	42.5	39.6	38.8	38.6	39.8	45.5	47.2	48.2	49.7	48.9
Hides and leather.....1926=100..	72.2	85.0	82.5	81.6	79.8	79.3	78.3	77.3	75.0	72.5	70.8	68.6	69.7
Boots and shoes.....1926=100..	84.4	93.5	93.1	92.5	89.2	88.8	88.5	88.5	88.4	85.4	87.5	84.4	84.4
Hides and skins.....1926=100..	48.2	58.6	50.0	49.0	48.8	49.0	46.1	44.7	40.8	35.7	32.5	33.5	39.3
Leather.....1926=100..	63.2	83.4	80.7	78.8	78.6	77.5	76.5	73.4	67.2	60.6	58.7	60.0	60.0
House furnishing goods.....1926=100..	73.7	82.7	81.0	80.9	78.5	77.7	77.5	77.1	76.3	74.8	74.7	74.0	73.6
Furniture.....1926=100..	72.7	84.6	82.4	82.3	80.6	79.5	79.5	79.1	77.4	74.1	74.0	73.0	72.6
Furnishings.....1926=100..	74.7	81.2	79.8	79.7	76.6	76.1	75.9	75.4	75.4	75.5	75.4	75.1	74.8
Metals and metal products.....1926=100..	80.1	83.9	82.8	82.6	82.2	81.8	80.9	80.8	80.3	80.1	79.9	79.2	80.1
Iron and steel.....1926=100..	79.7	82.3	81.7	81.5	81.0	79.9	79.3	79.7	80.1	80.0	79.8	77.2	78.7
Metals, nonferrous.....1926=100..	51.6	59.0	54.9	54.7	53.8	55.4	52.7	50.5	49.3	48.3	47.5	47.0	48.5
Plumbing and heating equip.....1926=100..	66.8	82.6	81.6	81.4	79.9	74.1	65.8	64.4	64.4	64.4	66.7	67.1	67.1
Textile products.....1926=100..	57.0	64.5	63.0	62.2	60.8	59.9	59.8	58.7	57.0	55.6	53.9	52.7	54.0
Clothing.....1926=100..	67.3	75.5	73.9	72.6	70.8	70.7	70.6	69.0	68.7	68.2	67.4	66.0	66.0
Cotton goods.....1926=100..	57.9	61.5	59.7	58.1	56.4	55.8	56.4	56.2	55.1	52.9	51.0	50.0	52.6
Knit goods.....1926=100..	50.4	59.2	59.2	59.0	53.5	55.8	55.8	54.9	51.9	50.5	49.6	47.8	48.5
Silk and rayon.....1926=100..	32.6	43.5	41.7	41.8	39.0	37.7	36.5	33.5	31.3	29.1	27.5	26.2	29.5
Woolens and worsteds.....1926=100..	56.7	65.7	64.6	64.2	63.9	63.3	63.1	62.7	59.7	58.3	55.0	53.6	53.4
Miscellaneous.....1926=100..	64.7	68.2	66.6	68.7	66.8	65.6	64.7	64.7	64.7	64.4	64.2	64.3	64.6
Auto tires and tubes.....1926=100..	42.7	46.0	46.0	46.0	40.8	39.7	39.5	39.2	39.2	39.2	39.6	40.1	40.1
Paper and pulp.....1926=100..	75.5	80.7	80.5	80.8	80.8	78.0	76.7	76.8	76.8	76.5	76.2	76.2	76.3
Other indexes:													
Bradstreet's (96).....1926=100..	56.3	64.2	62.6	61.2	59.8	58.2	56.6	55.3	53.5	51.7	52.1	52.6	55.5
Dun's (300).....1926=100..	72.4	72.3	74.4	74.4	74.6	74.4	73.8	72.6	70.2	68.3	66.4	68.3	71.1
Wholesale prices, actual. (See under respective commodities.)													

CONSTRUCTION AND REAL ESTATE

CONSTRUCTION CONTRACTS AWARDED													
Contracts awarded, F. R. B.:													
Total, unadjusted.....1923-1925=100..	30	59	52	43	30	25	23	26	31	31	32	31	32
Residential.....1923-1925=100..	12	32	29	26	20	16	15	16	16	14	12	12	11
Total, adjusted.....1923-1925=100..	30	59	55	49	38	31	27	26	27	26	27	27	30
Residential.....1923-1925=100..	12	32	30	27	23	19	17	15	14	12	11	11	12
F. W. Dodge Corporation (37 States):													
Total, all types—													
Projects.....number.....	7,152	9,105	8,701	7,014	5,951	4,659	5,208	6,646	7,653	7,513	7,151	7,008	7,185
Floor space.....thous. of sq. ft.....	13,514	30,068	30,700	20,519	17,210	12,601	12,299	16,924	13,887	15,742	12,296	14,399	13,864
Valuation.....thous. of dolls.....	127,527	251,110	242,094	151,196	136,852	84,798	89,046	112,235	121,705	146,221	113,075	128,769	133,988
Nonresidential buildings:													
Projects.....number.....	1,921	2,209	2,145	1,765	1,467	1,481	1,796	2,032	2,179	2,140	2,093	2,064	2,180
Floor space.....thous. of sq. ft.....	6,721	16,723	15,313	9,290	8,176	5,379	6,052	8,205	6,501	9,172	6,395	8,678	8,114
Valuation.....thous. of dolls.....	35,997	111,418	99,092	58,496	50,381	33,238	36,348	49,172	45,515	58,946	39,813	48,982	49,071
Public works and utilities:													
Projects.....number.....	1,745	1,800	1,288	992	977	539	595	839	1,458	1,589	1,724	1,876	1,685
Floor space.....thous. of sq. ft.....	243	353	171	271	280	300	176	197	211	182	106	265	205
Valuation.....thous. of dolls.....	68,725	85,139	82,462	47,410	50,307	24,056	28,281	29,854	47,295	61,718	50,146	60,046	64,150
Residential buildings:													
Projects.....number.....	3,486	5,096	5,268	4,257	3,507	2,639	2,817	3,775	4,016	3,784	3,334	3,068	3,320
Floor space.....thous. of sq. ft.....	6,550	12,992	15,217	10,958	8,753	6,922	6,071	8,523	7,174	6,662	5,794	5,456	5,545
Valuation.....thous. of dolls.....	22,804	54,553	60,540	45,290	36,164	27,504	24,417	33,209	28,895	25,557	23,116	19,741	20,767
Engineering Construction:													
Total contracts awarded (E. N. R.).....thous. of dolls.....	114,487	176,956	225,173	138,758	125,131	90,869	76,646	86,119	95,605	105,087	114,806	120,458	81,634

* Revised

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	September	September	October	November	December	January	February	March	April	May	June	July	August
CONSTRUCTION AND REAL ESTATE—Continued													
HIGHWAY CONSTRUCTION													
Concrete pavement contract awards:													
Total.....thous. of sq. yds..	12,653	8,702	4,009	4,361	5,364	2,524	3,255	6,005	11,088	10,360	11,068	7,236	12,275
Roads only.....thous. of sq. yds..	10,690	6,182	2,482	3,559	4,215	2,252	3,084	5,457	10,366	9,242	10,038	6,230	11,137
Federal-aid highways:													
Approved for construction—													
Estimated total cost.....thous. of dolls..	58,319	29,779	29,174	29,422	35,473	44,401	47,423	55,562	73,994	69,732	60,697	49,676	56,154
Federal-aid allotment.....thous. of dolls..	18,394	11,321	11,539	11,966	15,134	19,226	20,620	25,235	33,057	31,845	28,014	22,516	19,285
Mileage, total.....number.....	3,691	1,374	1,445	1,392	1,910	2,398	2,671	3,185	3,986	4,200	4,076	3,538	3,821
Initial.....number.....	2,239	936	1,032	986	1,248	1,082	1,929	2,200	2,443	2,336	2,111	1,647	2,025
Stage (added improvement).....number.....	1,353	437	413	406	663	716	742	985	1,543	1,864	1,965	1,891	1,796
Under construction—													
Estimated total cost.....thous. of dolls..	260,943	344,072	292,869	257,529	216,850	203,386	200,621	198,941	199,726	219,647	234,043	240,857	242,175
Federal-aid allotment.....thous. of dolls..	115,528	155,508	131,690	115,428	98,080	93,716	93,245	93,018	93,997	103,026	109,230	112,630	112,686
Mileage, total.....number.....	13,268	14,315	11,899	10,196	8,672	8,378	8,323	8,440	8,739	9,734	10,512	11,237	11,518
Initial.....number.....	9,116	10,659	9,028	7,928	6,818	6,559	6,587	6,716	6,941	7,617	7,885	8,304	8,260
Stage (added improvement).....number.....	4,152	3,655	2,872	2,268	1,854	1,819	1,736	1,724	1,798	2,117	2,627	2,934	3,258
Mileage completed to date.....number.....	101,124	93,072	95,960	97,993	99,777	100,263	100,523	100,698	100,917	100,898	101,032	101,191	101,505
Balance of Federal-aid funds for new construction.....thous. of dolls..	42,075	25,618	125,577	121,495	113,879	106,845	102,411	94,453	82,020	71,383	61,720	56,836	51,425
CONSTRUCTION COSTS													
Building costs (Amer. Appraisal Co.):													
Brick, steel frame.....1913=100.....	148	² 162	161	160	159	158	155	154	153	152	150	149	148
Brick, wood frame.....1913=100.....	154	² 173	172	170	169	166	164	164	162	159	157	156	154
Frame.....1913=100.....	142	² 158	157	156	154	153	151	150	148	147	145	144	143
Reinforced concrete.....1913=100.....	150	² 163	162	161	160	158	156	155	154	153	152	151	151
Building costs—all types (A. G. C.).....1913=100.....	163	193	192	192	190	190	189	183	178	166	164	163	162
Building costs—all types (E. N. R.).....1913=100.....	158.0	171.4	169.8	169.3	166.2	162.5	161.8	157.2	153.1	152.8	152.2	153.4	156.8
Building costs—electric light and power construction (Richey).....1913=100.....	136	146	144	143	142	141	139	136	132	132	131	132	133
Building costs—factory (Aberthaw).....1913=100.....	166	174			172						167		
Building material costs:													
Brick house, 6-room.....1913=100.....	155	161	162	163	161	161	163	162	160	² 157	157	154	² 155
Frame house, 6-room.....1913=100.....	149	154	156	158	156	156	157	155	154	² 152	150	148	² 148
MISCELLANEOUS DATA													
Construction—employment and wages:													
Employment, Ohio. (See Employment.)													
Wages, road building. (See Employment.)													
Construction, volume (A. G. C.).....1913=100.....	(†)	135	126	119	79	61	43	45	(†)	(†)	(†)	(†)	(†)
Fire losses, United States.....thous. of dolls..	30,972	33,203	35,502	35,288	40,514	39,225	39,825	49,189	43,822	39,271	34,339	32,982	31,426
Ship construction. (See Trans. Equipment.)													
Real estate:													
Market activity.....each month 1926=100.....		60.3	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..	2,490	2,741	3,253	3,505	3,599	3,984	3,891	4,301	4,004	3,632	2,996	2,414	2,279
Automotive.....thous. of dolls..	78	65	95	172	163	232	231	234	261	230	175	137	127
Building materials.....thous. of dolls..	0	28	37	31	36	13	0	3	3	0	0	0	0
Clothing and dry goods.....thous. of dolls..	23	27	49	53	51	18	20	76	88	77	26	2	0
Confectionery.....thous. of dolls..	139	109	128	173	142	160	151	169	176	169	58	54	67
Drugs and toilet goods.....thous. of dolls..	471	489	650	687	702	881	888	1,018	855	783	699	568	520
Financial.....thous. of dolls..	90	116	136	128	136	142	130	128	104	110	96	88	84
Foods.....thous. of dolls..	780	665	790	806	873	973	1,001	1,178	1,116	1,030	1,025	808	684
House furnishings.....thous. of dolls..	13	84	59	75	83	32	59	62	42	20	4	5	3
Machinery.....thous. of dolls..	23	31	53	72	68	73	70	71	62	65	43	32	33
Paints and hardware.....thous. of dolls..	10	57	72	60	64	53	41	82	87	77	36	8	2
Petroleum products.....thous. of dolls..	182	89	107	115	127	139	133	153	168	199	183	182	198
Radios.....thous. of dolls..	0	22	49	50	62	40	8	31	31	8	7	0	0
Shoes and leather goods.....thous. of dolls..	12	124	141	144	94	82	69	67	45	30	21	17	15
Soaps and housekeepers' supplies.....thous. of dolls..	80	129	122	122	126	89	99	100	102	111	91	81	92
Sporting goods.....thous. of dolls..	9	24	13	16	13	11	0	0	4	17	17	22	17
Stationery and publishers.....thous. of dolls..	68	118	130	120	138	110	93	86	82	79	46	22	20
Tobacco manufactures.....thous. of dolls..	366	479	513	578	611	828	801	732	692	543	414	378	385
Miscellaneous.....thous. of dolls..	147	84	109	104	102	110	97	109	87	85	54	9	² 33
Magazine advertising:													
Cost, total.....thous. of dolls..	6,836	11,967	14,234	14,007	11,073	7,641	11,622	12,253	12,970	12,958	10,888	8,195	6,807
Automotive.....thous. of dolls..	512	1,604	1,469	1,311	942	678	1,781	1,382	1,554	1,748	1,128	789	668
Building materials.....thous. of dolls..	133	397	631	564	266	155	249	370	411	368	222	127	129
Clothing and dry goods.....thous. of dolls..	185	354	444	399	283	182	232	284	349	303	253	224	90
Confectionery.....thous. of dolls..	149	328	334	342	309	222	128	197	231	297	355	274	276
Drugs and toilet goods.....thous. of dolls..	1,761	2,277	2,665	2,729	2,238	1,424	² 2,628	² 3,055	² 2,890	² 2,615	² 2,372	² 1,914	² 1,731
Financial.....thous. of dolls..	149	187	237	251	198	203	210	206	215	196	217	176	146
Foods.....thous. of dolls..	1,284	2,001	2,634	2,685	2,020	1,326	2,326	2,332	2,237	2,050	1,862	1,465	1,403
Garden.....thous. of dolls..	10	41	42	32	45	78	132	145	133	95	68	32	16
House furnishings.....thous. of dolls..	320	842	1,231	984	708	388	693	934	1,187	1,198	884	424	223
Jewelry and silverware.....thous. of dolls..	41	90	246	378	381	167	37	87	90	167	139	70	47
Machinery.....thous. of dolls..	18	50	91	72	56	38	53	65	54	48	27	17	28
Office equipment.....thous. of dolls..	40	98	167	124	139	97	105	120	104	97	72	49	25
Paints and hardware.....thous. of dolls..	34	88	123	116	29	14	51	81	124	132	88	53	3
Petroleum products.....thous. of dolls..	305	463	374	404	322	255	239	256	279	373	463	375	375
Radios.....thous. of dolls..	131	174	313	308	235	186	198	165	138	82	82	114	99
Schools.....thous. of dolls..	191	305	232	217	186	215	262	185	181	184	205	202	219

† Discontinued.

² Revised.

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	September	September	October	November	December	January	February	March	April	May	June	July	August	
DOMESTIC TRADE—Continued														
ADVERTISING—Continued														
Magazine advertising—Continued.														
Cost—Continued.														
Shoes and leather goods.....thous. of dolls.	71	95	149	186	132	57	31	65	158	161	170	59	21	
Soaps and housekeepers' supplies.....thous. of dolls.	533	963	889	806	470	350	2 667	2 728	2 898	2 973	2 845	2 578	2 451	
Sporting goods.....thous. of dolls.	70	201	117	118	168	176	73	111	188	312	286	189	123	
Stationery and books.....thous. of dolls.	104	240	434	410	509	271	193	228	207	195	171	122	66	
Tobacco manufactures.....thous. of dolls.	393	547	619	676	593	513	665	560	535	563	362	418	320	
Travel and amusement.....thous. of dolls.	139	171	231	334	416	317	342	329	462	463	309	228	133	
Miscellaneous.....thous. of dolls.	262	450	560	562	427	331	327	367	342	339	307	297	212	
Lineage, total.....thous. of lines		1,603	1,911	1,882	1,626	1,138	1,469	1,677	1,777	1,776	1,523	1,103	928	
Newspaper advertising:														
Lineage, total (22 cities).....thous. of lines	62,324	277,225	87,803	81,891	77,005	67,762	63,557	72,043	70,573	69,479	65,405	50,419	49,577	
Lineage, total (52 cities).....thous. of lines	93,003	114,862	130,895	122,135	117,009	100,032	97,570	109,808	108,686	106,004	100,157	80,871	78,859	
Classified.....thous. of lines	18,359	22,172	22,746	20,868	19,473	18,384	17,724	19,565	20,056	20,173	20,047	17,267	17,563	
Display.....thous. of lines	74,644	92,690	108,150	101,267	97,536	81,648	79,847	90,243	88,631	85,831	80,109	63,605	61,275	
Automotive.....thous. of lines	3,684	6,052	4,957	4,487	4,233	7,001	4,858	5,352	7,222	6,700	7,940	5,574	4,754	
Financial.....thous. of lines	1,645	2,529	2,919	2,469	2,645	3,294	2,023	2,158	1,934	1,709	1,706	2,226	1,621	
General.....thous. of lines	15,666	18,686	23,676	21,979	13,985	16,841	20,142	21,720	18,725	19,059	18,428	13,653	13,034	
Retail.....thous. of lines	53,708	65,423	76,597	72,332	76,673	54,512	52,824	61,012	60,749	58,363	52,035	42,212	41,866	
COLLECTIONS														
Delinquent accounts, electrical trade:														
Amount.....dollars	49,868	78,534	95,414	73,165	95,161	82,819	93,376	93,619	71,703	76,793	64,134	56,082	60,096	
Firms.....number	738	786	987	877	996	938	911	1,215	961	864	882	838	902	
FINANCIAL INDICATORS														
Bank debts. (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.....														
		65.7	65.3	66.6	66.7	65.9	63.8	64.3	64.0	63.5	62.7	62.6	62.7	
NEW INCORPORATIONS														
Business incorporations (4 States).....number..	2,661	2,453	2,846	2,774	3,012	3,311	2,930	3,202	3,072	2,863	3,107	2,534	2,909	
POSTAL BUSINESS														
Air mail, weight dispatched.....pounds.....														
		796,703	836,603	720,301	827,530	669,077	634,284	718,989	676,084	687,906	694,930	545,060	508,887	
Money orders:														
Domestic, issued (50 cities)—														
Number.....thousands.....		3,379	3,740	3,600	4,125	3,691	3,656	3,906	3,581	3,421	3,369	2,066	3,061	
Value.....thous. of dolls.....		33,800	37,801	35,458	39,329	35,494	34,142	35,128	33,673	32,021	32,056	30,454	30,286	
Domestic, paid (50 cities)—														
Number.....thousands.....		9,124	10,521	9,751	11,509	9,795	9,271	10,167	9,379	8,927	9,369	8,187	8,306	
Value.....thous. of dolls.....		74,679	86,759	81,318	91,567	78,149	73,463	79,878	74,612	70,720	73,903	70,157	72,506	
Foreign, issued—value.....thous. of dolls.....		4,496	4,027	3,971	8,140	3,500	3,115	3,958	3,314	2,871	3,066	2,934	2,692	
Receipts, postal:														
50 selected cities.....thous. of dolls.....		26,335	28,618	25,355	34,066	25,312	24,061	26,677	24,272	22,621	22,006			
50 industrial cities.....thous. of dolls.....		2,897	3,150	2,809	4,068	2,911	2,832	2,985	2,698	2,513	2,452			
RETAIL TRADE														
Chain-store sales:														
Five and ten cent sales—														
Total, 8 chains, unadjusted, 1923-1925=100.....	123	142	169	148	279	115	121	138	134	133	127	118	2 118	
Total, 8 chains, adjusted, 1923-1925=100.....	135	156	162	147	144	155	156	146	141	138	138	135	127	
F. and W. Grand—														
Sales.....thous. of dolls.....	1,171	1,699	2,134	1,740	3,158	1,324	1,505	1,604	1,349	1,505	1,428	1,143	1,137	
Stores operated.....number.....	72	121	121	123	123	114	115	92	92	88	81	76	75	
S. S. Kresge Co.—														
Sales.....thous. of dolls.....	9,430	10,957	12,498	11,220	22,173	8,845	9,080	10,383	10,337	10,059	10,041	9,042	8,805	
Stores operated.....number.....	722	703	705	710	711	713	712	714	714	715	718	718	719	
S. H. Kress & Co.—														
Sales.....thous. of dolls.....	4,914	5,295	5,706	5,587	11,221	4,274	4,698	5,290	4,911	5,126	4,877	4,492	4,862	
Stores operated.....number.....	227	220	222	221	221	222	225	226	226	227	227	227	227	
McCrary Stores Corp.—														
Sales.....thous. of dolls.....	2,825	3,260	3,881	3,469	6,882	2,919	3,067	3,584	3,354	3,155	3,025	2,681	2,627	
Stores operated.....number.....	241	244	244	244	244	244	244	244	244	241	241	241	241	
McLellan Stores—														
Sales.....thous. of dolls.....	1,492	1,693	1,940	1,769	3,747	1,277	1,345	1,537	1,658	1,483	1,487	1,545	1,449	
Stores operated.....number.....	274	278	278	279	278	277	277	276	276	275	275	275	275	
G. C. Murphy Co.—														
Sales.....thous. of dolls.....	1,419	1,490	1,715	1,578	2,961	1,111	1,221	1,430	1,488	1,543	1,491	1,394	1,361	
Stores operated.....number.....	174	172	172	172	172	171	171	171	173	173	173	173	173	
Isaac Silver & Bros.—														
Sales.....thous. of dolls.....	601	607	832	610	1,145	471	591	625	602	603	570	533	534	
Stores operated.....number.....	40	44	45	45	45	44	45	40	40	40	40	40	40	
F. W. Woolworth Co.—														
Sales.....thous. of dolls.....	19,463	21,732	26,150	22,005	39,713	17,991	18,793	21,255	20,755	20,529	18,921	18,146	18,244	
Stores operated.....number.....	1,925	1,902	1,906	1,906	1,906	1,902	1,906	1,905	1,910	1,913	1,915	1,919	1,920	
Grocery chains:														
A. & P. Tea Co.—														
Sales, value, total.....thous. of dolls.....	63,625	74,642	95,498	74,703	91,311	68,967	69,861	88,912	72,369	72,433	86,063	64,239	79,317	
Weekly average.....thous. of dolls.....	15,906	18,660	19,100	18,676	18,262	17,242	17,465	17,782	18,092	18,108	17,213	16,060	15,863	
Sales, tonnage, total.....tons.....	391,804	411,883	524,743	418,762	516,171	395,428	412,767	520,198	422,714	437,687	531,088	397,468	490,487	
Weekly average.....tons.....	97,951	102,971	104,949	104,691	103,234	98,537	103,192	104,040	105,678	109,422	106,218	99,367	98,097	

* Revised.

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DOMESTIC TRADE—Continued													
RETAIL TRADE—Continued													
Restaurant chains:													
Total sales, 3 chains—													
Sales.....thous. of dolls.		4,745	4,892	4,419	4,737	4,261	4,009	4,206	3,922	3,736	3,456	3,269	3,314
Stores operated.....number		381	378	378	383	382	384	385	385	383	383	384	382
Childs Co.—													
Sales.....thous. of dolls.	1,311	2,164	2,208	1,980	2,163	1,924	1,787	1,813	1,618	1,426	1,274	1,203	1,268
Stores operated.....number	107	108	107	106	108	108	108	108	108	107	107	107	107
J. R. Thompson Co.—													
Sales.....thous. of dolls.		1,278	1,325	1,187	1,233	1,114	1,041	1,128	1,064	1,053	1,019	1,002	1,001
Stores operated.....number		117	115	116	116	115	115	116	116	115	116	117	115
Waldorf System (Inc.)—													
Sales.....thous. of dolls.	1,116	1,303	1,359	1,252	1,341	1,223	1,181	1,265	1,240	1,257	1,163	1,064	1,045
Stores operated.....number	159	156	156	156	159	159	161	161	161	161	160	160	160
Other chains:													
W. T. Grant and Co.—													
Sales.....thous. of dolls.	5,662	5,570	7,423	6,485	12,111	4,495	4,839	5,567	5,997	6,096	5,829	5,087	5,055
Stores operated.....number	438	386	400	400	402	404	406	411	412	417	424	429	434
J. C. Penney Co.—													
Sales.....thous. of dolls.	13,053	14,576	17,968	10,493	21,269	9,288	9,586	11,412	14,325	12,648	12,025	11,455	10,752
Stores operated.....number	1,474	1,457	1,458	1,458	1,459	1,460	1,460	1,463	1,464	1,466	1,467	1,468	1,472
Department store sales and stocks:													
Sales, total value, adjusted, 1923-1925=100..	70	84	86	83	81	78	78	72	80	73	71	67	66
Sales, total value, unadjusted, 1923-1925=100..	73	87	93	95	142	64	64	70	76	73	67	47	50
Atlanta.....1923-1925=100..	65	73	97	95	127	56	61	68	67	65	56	44	53
Boston.....1923-1925=100..	75	89	103	93	144	69	58	72	74	73	70	45	2 48
Chicago.....1923-1925=100..	68	88	91	82	136	63	62	68	74	70	66	45	50
Cleveland.....1923-1925=100..	53	73	82	73	123	53	55	63	69	64	58	40	2 44
Dallas.....1923-1925=100..	73	79	91	84	127	52	58	67	64	63	54	38	47
Kansas City.....1923-1925=100..	72	82	88	82	126	55	58	68	68	63	56	42	50
Minneapolis.....1923-1925=100..	73	81	76	68	112	51	48	73	72	58	57	40	50
New York.....1923-1925=100..	82	98	123	112	174	74	70	82	86	78	81	50	2 56
Richmond.....1923-1925=100..	76	87	118	102	176	66	68	86	82	85	80	51	2 55
St. Louis.....1923-1925=100..	70	84	88	84	124	56	60	66	69	62	57	39	47
San Francisco.....1923-1925=100..	73	93	103	93	151	74	70	84	74	70	67	59	2 75
Installment sales, New England dept. stores, ratio to total sales.....per cent.		8.9	11.0	9.1	4.6	8.0	8.3	7.2	6.4	7.3	5.6	5.2	9.6
Stocks, value, end of month—													
Unadjusted.....1923-1925=100..	63	84	88	89	73	67	69	72	72	70	66	60	2 59
Adjusted.....1923-1925=100..	61	81	80	79	78	75	73	70	70	68	68	64	2 61
Mail-order house sales:													
Total sales, 2 companies.....thous. of dolls.	30,156	45,955	52,280	45,898	58,821	31,975	32,581	33,950	39,745	38,718	39,889	32,073	33,777
Montgomery Ward & Co.....thous. of dolls.	14,638	17,505	22,034	18,403	21,899	12,028	11,963	14,054	16,109	14,172	14,840	11,804	12,988
Sears, Roebuck & Co.....thous. of dolls.	24,518	28,450	30,246	27,495	36,922	19,947	20,618	19,905	23,576	24,546	25,049	20,269	20,789

EMPLOYMENT CONDITIONS AND WAGES

EMPLOYMENT													
Factory, unadjusted (F. R. B.).....1923-1925=100..	61.5	74.7	71.4	68.7	67.9	66.3	67.3	66.3	64.0	61.3	59.1	57.2	58.6
Cement, clay, and glass.....1923-1925=100..	43.4	61.7	59.0	56.3	53.3	47.7	48.4	48.9	48.8	47.0	45.0	43.4	42.1
Cement.....1923-1925=100..	43.3	60.1	58.8	54.4	50.7	45.7	44.7	44.5	44.8	42.7	42.8	41.9	39.2
Clay products.....1923-1925=100..	38.5	57.4	54.4	52.8	48.5	42.6	42.4	42.5	43.1	42.6	39.6	38.7	38.0
Glass.....1923-1925=100..	53.4	71.1	68.1	64.2	64.3	49.1	62.3	63.8	62.1	57.9	56.9	53.6	51.8
Chemicals and products.....1923-1925=100..	74.0	86.0	85.7	83.5	82.0	81.7	81.1	81.1	82.4	78.3	74.2	62.3	72.2
Chemicals and drugs.....1923-1925=100..	76.9	91.7	92.1	89.7	86.9	85.9	84.6	84.1	81.9	80.6	78.0	75.6	75.7
Petroleum refining.....1923-1925=100..	76.6	84.4	83.0	81.4	81.3	81.2	80.2	78.7	78.6	78.2	78.1	77.4	75.8
Food products.....1923-1925=100..	83.8	89.7	89.2	88.0	87.9	84.2	82.9	81.4	80.6	81.0	80.9	79.3	80.7
Iron and steel.....1923-1925=100..	51.7	68.0	66.3	65.0	64.4	62.8	63.0	61.8	59.8	57.2	54.8	51.4	50.4
Leather and products.....1923-1925=100..	78.0	84.2	79.2	69.6	73.2	75.7	80.0	81.2	78.8	72.7	70.5	71.6	76.1
Boots and shoes.....1923-1925=100..	81.1	86.4	80.8	69.6	74.4	77.5	82.4	84.3	81.3	74.4	72.7	74.2	79.4
Leather.....1923-1925=100..	65.0	75.2	72.4	69.6	67.9	68.3	69.6	68.6	68.3	65.4	61.6	61.3	62.6
Lumber and products.....1923-1925=100..	37.7	51.1	50.1	48.4	45.2	42.4	42.0	40.3	39.6	38.6	37.8	36.3	36.4
Machinery.....1923-1925=100..	45.9	67.0	65.2	63.8	63.8	61.2	61.4	60.0	57.0	54.4	51.3	48.4	46.4
Metals, nonferrous.....1923-1925=100..	46.6	61.7	60.8	60.8	60.3	56.8	57.2	56.1	53.9	51.4	48.6	45.4	45.8
Paper and printing.....1923-1925=100..	80.9	90.8	91.4	91.0	90.8	89.0	87.3	86.4	85.3	83.8	82.0	80.5	79.3
Rubber products.....1923-1925=100..	60.2	71.7	70.2	70.7	69.8	69.1	68.6	67.4	66.6	66.0	67.0	65.0	63.6
Auto tires and tubes.....1923-1925=100..	63.3	71.8	69.9	69.4	69.3	69.7	70.3	69.4	69.3	69.1	70.3	69.4	66.3
Boots and shoes.....1923-1925=100..	50.7	71.2	71.2	74.2	71.5	67.2	63.4	61.2	58.7	56.0	57.1	51.9	55.2
Textiles and products.....1923-1925=100..	71.9	79.8	77.4	74.3	72.9	71.6	74.4	73.5	67.9	62.0	57.2	53.9	62.3
Fabrics.....1923-1925=100..	72.6	77.3	75.6	74.9	78.6	73.4	76.0	73.2	67.3	62.3	58.2	56.4	58.4
Wearing apparel.....1923-1925=100..	70.3	86.0	82.2	72.8	68.5	66.9	70.4	74.3	69.4	61.3	54.7	47.5	53.8
Tobacco manufactures.....1923-1925=100..	69.9	79.5	79.9	79.3	71.7	69.0	71.9	70.4	68.4	67.3	69.0	68.4	68.3
Transportation equipment.....1923-1925=100..	43.1	57.7	51.5	50.6	54.4	53.9	55.4	54.7	53.0	52.4	50.8	49.2	45.1
Automobiles.....1923-1925=100..	44.3	63.9	50.5	49.9	60.2	63.4	65.7	63.7	58.9	59.7	59.6	57.9	50.8
Car building and repairing.....1923-1925=100..	40.1	50.4	49.0	47.4	46.9	43.9	44.8	45.3	45.5	44.2	41.6	40.7	38.7
Shipbuilding.....1923-1925=100..	64.5	84.7	84.1	87.3	87.9	84.3	84.2	83.0	85.2	81.4	78.5	71.4	66.9
Factory, adjusted (F. R. B.).....1923-1925=100..	60.3	72.8	70.3	69.3	69.4	68.1	67.8	66.4	64.3	62.1	60.0	58.3	58.8
Cement, clay, and glass.....1923-1925=100..	41.9	59.4	57.6	55.9	55.0	51.6	51.4	50.1	48.4	45.8	43.4	43.1	40.5
Cement.....1923-1925=100..	41.1	57.1	56.5	53.7	52.6	50.2	49.3	47.6	45.6	41.9	40.9	39.8	36.4
Clay products.....1923-1925=100..	37.3	55.4	53.5	52.8	50.1	46.3	45.7	44.1	42.7	41.1	38.0	37.6	36.4
Glass.....1923-1925=100..	51.6	68.7	66.2	63.2	66.0	63.0	64.1	63.4	61.3	57.1	55.5	55.9	51.1
Chemicals and products.....1923-1925=100..	73.7	85.7	85.4	83.1	81.9	80.2	78.6	78.6	78.5	70.7	76.4	74.7	74.0
Chemicals and drugs.....1923-1925=100..	77.0	91.8	91.2	88.0	85.4	85.3	82.9	83.0	81.2	81.0	79.6	78.2	77.6
Petroleum refining.....1923-1925=100..	75.2	82.9	83.2	82.2	82.3	82.8	81.2	79.5	78.6	78.4	77.4	75.7	74.4
Food products.....1923-1925=100..	81.8	87.5	85.5	85.9	86.3	83.7	83.1	83.6	83.2	81.1	79.4	79.4	81.0
Iron and steel.....1923-1925=100..	51.3	67.4	66.2	65.3	65.4	64.0	62.4	60.9	59.0	56.5	54.8	52.1	50.6
Leather and manufactures.....1923-1925=100..	74.9	80.9	76.4	70.1	75.3	75.4	78.1	80.2	75.8	74.3	73.3	71.9	74.0
Boots and shoes.....1923-1925=100..	77.3	82.3	77.3	70.3	77.2	77.4	80.7	83.4	83.0	77.9	76.9	74.1	76.7
Leather.....1923-1925=100..	65.0	75.2	72.4	69.1	67.6	67.1	67.5	67.0	68.8	67.0	63.4	62.4	62.9

Revised.

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932		1931					1932							
	September	September	October	November	December	January	February	March	April	May	June	July	August		
EMPLOYMENT CONDITIONS AND WAGES—Continued															
EMPLOYMENT—Continued															
Factory, adjusted (F. R. B.)—Continued															
Lumber and products.....1923-1925=100..	36.6	49.4	48.4	47.4	45.4	43.9	43.3	41.2	40.2	39.0	37.9	36.1	35.7		
Machinery.....1923-1925=100..	46.0	67.3	65.6	64.6	64.5	61.8	61.2	59.2	56.4	54.1	51.0	48.3	46.4		
Metals, nonferrous.....1923-1925=100..	47.2	62.5	61.7	61.4	61.1	57.4	56.0	54.3	52.7	50.8	48.7	46.0	46.4		
Paper and printing.....1923-1925=100..	81.1	91.1	91.0	89.7	89.2	88.3	87.2	86.2	85.7	84.3	82.8	81.4	80.4		
Rubber products.....1923-1925=100..	58.6	69.8	70.3	73.3	71.3	69.7	68.1	67.0	66.1	65.8	67.0	64.6	62.7		
Auto tires and tubes.....1923-1925=100..	61.6	69.9	71.0	74.2	72.9	71.2	70.0	68.5	68.1	67.7	68.9	68.1	64.4		
Boots and shoes.....1923-1925=100..	49.4	69.4	68.1	70.3	66.8	65.2	62.5	62.4	60.2	59.9	61.1	54.3	57.2		
Textiles and products.....1923-1925=100..	72.2	80.0	76.0	73.6	72.2	71.1	72.4	71.0	66.7	62.4	58.5	56.9	64.8		
Fabrics.....1923-1925=100..	73.6	78.4	74.9	73.7	73.4	72.9	74.4	71.9	66.8	62.4	58.7	58.6	66.1		
Wearing apparel.....1923-1925=100..	68.6	84.0	78.7	73.4	69.2	66.6	67.4	68.9	66.4	62.5	58.1	52.9	61.5		
Tobacco manufactures.....1923-1925=100..	67.9	77.2	75.8	74.8	70.4	74.3	72.8	70.8	70.1	68.4	69.4	70.2	68.3		
Transportation equipment.....1923-1925=100..	42.8	57.2	51.7	53.4	58.0	55.6	55.1	53.4	51.1	50.2	50.0	49.3	44.8		
Automobiles.....1923-1925=100..	43.0	62.0	50.5	56.1	68.8	67.1	64.7	60.9	55.1	54.7	58.0	58.1	49.8		
Car building and repairing.....1923-1925=100..	40.0	50.2	48.8	47.6	47.0	44.4	45.4	45.5	45.2	43.9	41.3	40.4	38.6		
Shipbuilding.....1923-1925=100..	69.2	90.9	89.7	90.8	87.9	81.9	79.8	78.1	80.3	79.4	77.6	73.0	70.7		
Factory, by cities and States:															
Cities—															
Cleveland.....Jan. 1921=100..	65.1	75.6	76.0	77.1	77.0	75.8	75.1	72.0	70.2	69.7	68.6	66.0	66.7		
Detroit.....1923-1925=100..	37.4	51.0	41.7	52.7	64.0	69.0	68.6	65.4	67.5	69.6	72.2	63.4	29.2		
New York.....1925-1927=100..	59.6	72.7	71.0	67.7	66.1	63.1	64.1	64.6	61.8	57.2	54.3	51.0	55.3		
Philadelphia.....1923-1925=100..	66.0	80.4	78.8	78.2	77.6	74.1	72.9	71.4	66.9	66.7	65.5	61.8	62.5		
States—															
Delaware.....1923-1925=100..	72.1	81.2	74.5	74.9	76.0	79.3	78.5	75.9	74.8	72.6	71.5	69.8	68.1		
Illinois.....1925-1927=100..	54.5	68.3	65.7	62.3	63.6	61.6	62.0	61.3	58.8	57.2	56.6	52.3	53.5		
Iowa.....1923=100..	94.0	106.3	105.0	102.2	102.9	96.8	96.4	92.6	91.2	92.8	91.7	91.2	91.5		
Massachusetts.....1925-1927=100..	59.7	73.0	77.1	76.0	76.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5		
Maryland.....1924=100..	72.0	72.0	70.6	67.2	66.0	64.1	63.9	63.5	62.7	59.9	56.8				
New Jersey.....1923-1925=100..	59.8	73.2	72.4	71.0	68.1	66.1	67.1	65.4	63.5	62.4	61.5	58.9	57.5		
New York.....1925-1927=100..	57.8	73.6	71.3	68.8	67.7	65.0	65.0	64.6	62.2	57.6	55.6	52.4	54.4		
Ohio.....1926=100..	60.3	75.5	74.3	71.0	70.5	69.5	70.1	68.5	66.4	65.1	64.3	62.4	59.3		
Pennsylvania.....1923-1925=100..	60.6	72.6	71.8	71.1	71.0	69.4	68.9	67.5	64.7	61.4	59.7	57.1	58.5		
Wisconsin.....1925-1927=100..	61.1	75.0	70.7	68.2	66.9	65.1	67.6	68.1	66.2	63.9	62.4	62.4	60.2		
Nonmanufacturing (Dept. of Labor):															
Mining—															
Anthracite.....1929=100..	55.8	80.0	86.8	83.5	79.8	76.2	71.2	73.7	70.1	66.9	53.0	44.5	49.2		
Bituminous coal.....1929=100..	62.4	80.4	81.3	81.1	81.2	80.8	77.4	75.2	65.5	62.6	60.5	58.6	59.4		
Metalliferous.....1929=100..	29.3	55.5	53.8	52.8	51.2	49.3	46.9	45.0	43.3	38.3	32.2	29.5	28.6		
Petroleum, crude production.....1929=100..	56.2	61.2	60.4	57.6	58.2	54.9	54.4	51.4	54.9	54.5	54.2	55.4	57.4		
Quarrying and nonmetallic.....1929=100..	52.4	66.6	64.5	59.3	53.9	48.9	47.4	46.0	43.6	50.6	49.5	49.5	51.1		
Public utilities—															
Electric railroads.....1929=100..	73.5	84.0	82.7	81.5	79.9	79.5	78.9	77.6	78.0	76.9	76.5	75.6	74.1		
Power, light, and water.....1929=100..	81.0	94.7	92.7	91.3	90.3	89.3	87.2	85.5	84.8	84.0	83.2	82.3	81.5		
Telephone and telegraph.....1929=100..	77.4	85.0	84.1	83.5	83.1	83.0	82.0	81.7	81.2	80.6	79.9	79.1	78.1		
Trade—															
Retail.....1929=100..	77.8	86.6	89.8	90.9	106.2	84.3	80.5	81.4	81.6	80.9	79.4	74.6	72.6		
Wholesale.....1929=100..	77.1	86.1	85.2	84.1	83.7	81.8	80.9	79.8	78.9	77.9	77.0	76.6	76.4		
Miscellaneous—															
Canning and preserving.....1929=100..	125.3	180.1	108.1	60.8	40.7	35.0	37.1	36.3	47.0	40.5	55.5	73.0	99.0		
Hotels.....1929=100..	77.0	90.6	87.4	84.9	83.1	83.2	84.3	84.0	82.7	80.1	78.0	78.4	77.6		
Miscellaneous data:															
Construction employment, Ohio.....1926=100..	40.7	58.3	54.2	45.4	37.5	31.9	28.4	26.7	31.0	33.3	36.3	37.8	37.9		
Farm employees, hired, average per farm.....number.....	1.09	1.17	1.19	1.04	.81	.74	.71	.77	.83	.93	.96	1.09	1.01		
Federal civilian employees (Wash.).....number.....	70,580	70,056	69,894	69,894	69,435	69,710	69,260	69,069	69,454	69,375	68,793	67,552	67,259		
Railroad employees, Class I.....thousands.....	1,254	1,225	1,169	1,134	1,109	1,093	1,093	1,097	1,087	1,082	1,047	1,022	996		
Trade union members employed—															
Number.....per cent of total.....	68	74	74	73	70	69	69	70	69	69	68	66	67		
On full time.....per cent of total.....	46	56	55	54	51	49	49	49	48	47	47	45	44		
LABOR CONDITIONS															
Factory operations, proportion of full-time															
worked, total.....per cent.....	85	88	88	87	87	86	87	86	85	84	83	82	83		
Chemicals and products.....per cent.....	91	94	93	94	93	92	92	93	94	93	92	92	90		
Food products.....per cent.....	95	96	96	96	95	94	94	94	94	94	94	94	94		
Leather and products.....per cent.....	87	90	83	79	82	86	89	89	85	79	79	80	84		
Lumber and products.....per cent.....	78	83	82	80	78	79	83	77	76	76	75	71	74		
Metal products—															
Iron and steel.....per cent.....	68	74	74	73	73	71	75	73	72	71	70	67	67		
Other.....per cent.....	78	82	83	80	80	82	82	80	78	76	75	73	73		
Paper and printing.....per cent.....	86	92	92	91	91	89	89	89	88	87	86	84	83		
Stone, clay, and glass.....per cent.....	79	88	88	86	85	80	81	80	81	83	81	80	79		
Textile products.....per cent.....	93	91	91	90	91	91	92	91	87	85	85	84	88		
Tobacco products.....per cent.....	78	85	84	85	87	81	81	80	78	79	80	80	79		
Transportation equipment.....per cent.....	78	89	88	88	88	86	85	81	79	82	81	79	78		
Automobiles.....per cent.....	69	78	76	81	84	81	81	74	71	75	76	70	70		
Miscellaneous.....per cent.....	(t)	85	85	83	84	(t)	(t)	(t)	(t)	(t)	(t)	(t)	(t)		
Hours of work per week in factories:															
Actual, avg. per wage earner.....hours.....	39.2	38.2	37.7	38.7	36.1	37.5	36.2	34.4	33.9	32.7	32.1	32.2			
Nominal, or full-time week.....hours.....	48.1	48.0	47.9	47.8	47.9	47.9	48.0	47.6	(t)	(t)	(t)	(t)	(t)		
Labor disputes:															
Disputes.....number.....	65	45	39	21	37	30	28	34	43	28	36	37			
Man-days lost.....number.....	493,649	1,052,095	355,818	150,064	117,298	417,966	685,949	572,121	1,220,202	927,996	689,436	704,944			
Workers involved.....number.....	37,427	29,380	13,690	1,318	4,648	28,691	11,660	20,066	49,232	23,540	31,413	27,639			
Labor turnover (quarterly): *															
Accessions.....per cent of no. on pay roll.....	12.55	9.27		9.68			9.65			7.80					
Separations—															
Discharged.....per cent of no. on pay roll.....	.45	.71		.54			.58			.49					
Laid-off.....per cent of no. on pay roll.....	10.78	10.07		10.65			8.18			12.92					
Voluntary quits.....per cent of no. on pay roll.....	2.10	3.32		2.37			2.28			2.15					
Unemployment:															
Applicants at employment agencies															
Central States.....no. per 100 jobs.....	196	221	214	191	207	188	197	197	197	201	218	217			
Eastern States.....no. per 100 jobs.....	250	269	258	217	258	214	218	250	243	24					

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931					1932							
	Septem-ber	Septem-ber	October	Novem-ber	Decem-ber	January	Febru-ary	March	April	May	June	July	August	
EMPLOYMENT CONDITIONS AND WAGES—Continued														
PAY ROLLS														
Factory, unadjusted (F. R. B.) 1923-1925=100.....	42.1	61.8	59.4	56.2	55.8	52.4	53.6	52.3	48.7	46.2	42.6	39.6	40.1	
Cement, clay, and glass.....1923-1925=100.....	24.6	46.1	43.9	40.9	37.4	31.1	32.9	32.2	31.7	30.2	27.3	24.4	23.9	
Cement.....1923-1925=100.....	26.3	51.7	48.5	43.7	37.4	31.4	31.4	30.5	29.9	30.0	28.5	25.9	25.1	
Clay products.....1923-1925=100.....	18.4	37.3	35.9	34.2	30.3	24.1	24.3	23.9	23.6	22.4	19.0	17.8	17.6	
Glass.....1923-1925=100.....	35.8	60.3	57.0	52.8	51.7	44.9	51.0	50.0	49.2	46.2	43.2	36.9	35.9	
Chemicals and products.....1923-1925=100.....	59.8	80.8	80.8	76.4	75.0	71.4	71.0	70.1	68.5	66.9	63.2	60.0	60.0	
Chemicals and drugs.....1923-1925=100.....	58.4	82.6	84.4	78.8	76.2	71.4	71.1	70.7	67.2	65.6	61.1	57.8	58.1	
Petroleum refining.....1923-1925=100.....	66.3	83.0	80.8	77.9	77.8	75.9	75.1	72.9	71.2	72.5	72.1	68.9	68.2	
Food products.....1923-1925=100.....	70.8	87.4	85.9	83.2	82.7	78.6	76.3	74.4	72.8	72.9	71.4	68.3	67.9	
Iron and steel.....1923-1925=100.....	23.4	45.2	43.9	41.2	41.0	36.3	37.2	35.4	32.1	30.4	26.0	22.2	22.1	
Leather and products.....1923-1925=100.....	54.5	67.7	56.4	47.0	50.3	53.3	61.4	62.3	55.7	45.7	45.0	46.2	51.7	
Boots and shoes.....1923-1925=100.....	55.2	66.6	53.7	43.1	47.9	52.5	61.9	63.4	55.7	44.4	44.3	46.1	52.4	
Leather.....1923-1925=100.....	52.3	71.8	66.6	61.1	68.8	56.3	59.8	58.6	55.7	50.3	47.4	46.6	49.0	
Lumber and products.....1923-1925=100.....	20.9	40.3	38.2	34.4	31.2	26.6	25.9	24.5	23.2	22.2	20.9	19.0	19.3	
Machinery.....1923-1925=100.....	27.0	51.2	50.2	48.3	48.9	44.5	45.0	42.6	39.1	35.9	32.3	28.8	27.1	
Metals, nonferrous.....1923-1925=100.....	30.3	50.2	49.9	48.8	48.6	44.9	45.0	42.1	38.3	34.5	32.0	29.4	28.9	
Paper and printing.....1923-1925=100.....	70.0	90.4	91.4	90.6	91.0	85.5	83.5	82.4	79.7	77.0	72.9	69.1	2 67.4	
Rubber products.....1923-1925=100.....	36.4	54.6	53.7	50.1	52.0	53.0	54.2	51.3	48.3	48.7	55.1	45.9	41.5	
Auto tires and tubes.....1923-1925=100.....	35.6	53.0	51.9	48.0	50.3	54.3	56.7	52.6	50.1	50.4	59.4	49.7	43.0	
Boots and shoes.....1923-1925=100.....	39.9	61.0	60.9	58.7	56.7	48.3	44.2	46.4	41.0	41.6	37.9	30.8	35.7	
Textiles and products.....1923-1925=100.....	53.1	71.0	66.0	59.3	58.1	55.5	59.8	59.3	49.4	41.5	35.8	32.5	42.3	
Fabrics.....1923-1925=100.....	51.7	65.1	62.9	60.1	60.0	57.1	60.3	55.8	46.9	40.3	37.0	34.4	42.1	
Wearing apparel.....1923-1925=100.....	56.0	82.9	72.2	57.8	54.4	52.4	58.8	66.4	54.6	44.0	33.4	28.6	42.6	
Tobacco manufactures.....1923-1925=100.....	51.0	62.7	64.6	64.5	58.9	53.0	53.4	52.2	49.3	48.4	52.2	51.4	49.4	
Transportation equipment.....1923-1925=100.....	27.3	45.6	45.3	45.2	47.1	44.3	45.6	45.1	43.9	45.9	40.7	37.3	31.6	
Automobiles.....1923-1925=100.....	22.2	41.5	41.4	42.3	48.0	47.7	52.0	51.3	47.1	53.5	47.1	43.4	32.7	
Car building and repairing.....1923-1925=100.....	28.9	45.5	44.7	43.9	42.6	38.0	37.0	37.2	37.4	37.3	32.9	29.6	28.6	
Shipbuilding.....1923-1925=100.....	52.4	78.8	83.5	81.4	84.8	81.2	79.2	75.1	81.8	71.0	67.4	64.9	53.6	
Factory, by States:														
Delaware.....1923-1925=100.....	47.9	64.1	61.0	54.7	56.4	57.8	59.5	57.2	52.8	49.4	48.5	45.9	44.7	
Illinois.....1925-1927=100.....	32.2	50.3	47.7	43.2	45.1	43.6	42.3	40.5	37.5	35.4	34.0	29.3	31.4	
New Jersey.....1923-1925=100.....	49.2	66.6	68.9	65.8	62.7	60.5	60.5	58.0	54.6	53.2	51.7	47.9	46.0	
New York.....1925-1927=100.....	44.9	66.5	62.3	59.4	57.8	54.6	53.9	53.8	50.1	44.9	42.6	39.4	41.2	
Pennsylvania.....1923-1925=100.....	36.0	54.3	54.5	51.1	52.3	49.4	49.1	46.3	41.5	37.3	35.7	32.1	33.6	
Wisconsin.....1925-1927=100.....	37.0	55.6	52.8	50.0	48.8	44.1	48.1	48.5	44.6	41.3	38.0	34.2	35.3	
Nonmanufacturing (Department of Labor):														
Mining—														
Anthracite.....1929=100.....	47.0	64.9	91.1	79.5	78.4	61.5	57.3	61.2	72.0	58.0	37.4	34.5	41.4	
Bituminous coal.....1929=100.....	30.2	53.6	56.2	54.6	52.3	47.0	47.0	46.8	33.9	30.7	27.3	24.4	26.4	
Metalliferous.....1929=100.....	17.0	40.0	37.4	35.1	34.3	29.7	27.8	26.5	25.0	23.8	20.1	16.9	16.5	
Petroleum, crude production.....1929=100.....	41.9	55.2	54.4	52.0	54.9	46.5	46.9	43.2	44.5	47.1	44.8	44.6	42.9	
Quarrying and nonmetallic.....1929=100.....	30.5	61.2	48.7	43.3	36.9	30.2	29.6	28.7	30.0	32.3	30.0	29.1	29.7	
Public utilities—														
Electric railroads.....1929=100.....	61.5	81.2	79.0	79.7	77.8	74.3	73.6	72.4	70.7	71.2	69.2	65.3	62.8	
Power, light, and water.....1929=100.....	74.7	94.3	93.2	93.3	91.2	88.4	86.0	85.4	82.4	84.2	80.5	78.7	76.7	
Telephone and telegraph.....1929=100.....	75.9	92.1	91.6	89.7	92.7	89.1	89.6	88.2	83.4	82.8	82.1	79.6	79.1	
Trade—														
Retail.....1929=100.....	64.6	83.5	84.6	85.4	94.1	78.0	73.7	73.4	72.7	71.1	68.2	63.3	60.7	
Wholesale.....1929=100.....	63.1	81.4	79.9	79.7	77.8	74.1	72.5	71.3	68.9	69.7	66.2	64.7	63.2	
Miscellaneous—														
Canning and preserving.....1929=100.....	75.1	129.4	77.6	48.1	36.9	31.8	32.7	31.9	37.9	36.0	40.5	47.5	65.6	
Hotels.....1929=100.....	59.1	81.9	79.7	77.1	75.4	73.9	73.9	72.4	69.6	67.0	63.8	61.8	59.6	
WAGES—EARNINGS AND RATES														
Factory, weekly earnings (24 industries):														
All wage earners.....dollars.....	21.75	21.21	20.29	20.74	18.99	19.51	18.60	17.58	17.17	16.24	15.43	15.35		
Male—														
Skilled and semiskilled.....dollars.....	23.95	23.10	22.20	22.66	21.84	22.37	21.19	19.97	19.63	18.37	17.59	17.49		
Unskilled.....dollars.....	18.19	18.05	17.07	17.00	16.28	16.67	15.75	14.84	14.64	13.80	13.16	13.13		
Female.....dollars.....	14.57	13.85	13.37	13.63	12.79	13.32	12.75	11.64	11.03	10.70	10.42	10.66		
All wage earners.....1923=100.....	81.7	79.7	76.2	77.9	71.4	73.3	69.9	66.1	64.5	61.0	58.0	57.7		
Male—														
Skilled and semiskilled.....1923=100.....	77.7	75.0	72.1	73.2	70.9	72.6	68.8	64.8	63.7	59.6	57.1	56.8		
Unskilled.....1923=100.....	81.6	81.0	76.6	76.3	73.1	74.8	70.7	66.6	65.7	61.9	59.1	58.9		
Female.....1923=100.....	84.5	80.3	77.6	79.1	74.2	77.3	74.0	67.5	64.0	62.1	60.4	61.8		
Factory, weekly earnings, by States:														
Delaware.....1923-1925=100.....	72.9	87.0	90.0	80.2	81.7	80.2	83.2	82.9	77.6	74.8	74.7	72.2	72.0	
Illinois.....1925-1927=100.....	63.2	79.4	78.1	74.4	76.2	76.4	73.2	70.8	68.3	66.4	64.6	60.5	61.7	
New Jersey.....1923-1925=100.....	86.1	95.1	90.4	97.0	96.3	95.8	94.5	92.7	90.0	89.6	88.2	85.2	83.8	
New York.....1925-1927=100.....	77.7	90.3	87.5	80.3	85.4	84.1	82.9	83.3	80.7	78.0	76.6	75.3	75.8	
Pennsylvania.....1923-1925=100.....	59.9	75.3	76.3	72.9	74.4	72.5	71.8	69.4	64.8	61.1	60.2	56.6	58.0	
Wisconsin.....1925-1927=100.....	55.6	72.2	71.7	70.8	71.2	66.0	69.1	68.7	64.5	61.3	57.6	51.7	55.0	
Miscellaneous data:														
Farm wages, without board (quarterly).....dolls. per month.....	26.36	34.22		30.53		29.13		27.10						
Railroads, wages per hour.....dollars.....	.669	.664	.684	.675	.678	.624	.607	.607	.605	.601	.607	.599		
Road-building wages, common labor*														
United States.....dolls. per hour.....	.32	.34	.35	.34	.33	.32	.33	.34	.33	.32	.33	.32	.32	
East North Central.....dolls. per hour.....	.36	.36	.37	.38	.40	.40	.40	.40	.37	.36	.36	.35	.36	
East South Central.....dolls. per hour.....	.19	.18	.19	.18	.18	.19	.17	.16	.19	.19	.19	.19	.19	
Middle Atlantic.....dolls. per hour.....	.34	.36	.37	.37	.38	.37	.40	.38	.40	.36	.35	.34	.34	
Mountain States.....dolls. per hour.....	.44	.46	.46	.46	.47	.45	.44	.45	.44	.44	.44	.44	.43	
New England.....dolls. per hour.....	.34	.43	.42	.43	.43	.41	.43	.44	.39	.34	.34	.34	.33	
Pacific States.....dolls. per hour.....	.47	.50	.51	.51	.51	.50	.49	.47	.48	.47	.47	.46	.47	
South Atlantic.....dolls. per hour.....	.19	.20	.21	.21	.21	.18	.21	.19	.20	.20	.20	.18	.18	
West North Central.....dolls. per hour.....	.34	.35	.35	.36	.36	.38	.42	.37	.33	.28	.31	.31	.31	
West South Central.....dolls. per hour.....	.26	.24	.24	.23	.23	.24	.25	.27	.24	.25	.25	.26	.26	
Steel industry—														
U. S. Steel Corporation.....dolls. per hour.....	.38	.45	.45	.45	.45	.45</								

* Beginning with March, 1932, method of computing rates was changed.

2 Revised.

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931					1932							
	September	September	October	November	December	January	February	March	April	May	June	July	August	
FINANCE														
BANKING														
Acceptances and commercial paper outstanding:														
Bankers acceptances, total.....mills. of dolls..	683	996	1,040	1,002	974	961	919	911	879	787	747	705	681	
Held by Federal reserve banks—														
For own account.....mills. of dolls..	2	420	647	418	305	119	76	36	16	4	36	12	3	
For foreign correspondents.....mills. of dolls..	43	100	99	126	251	314	312	335	292	183	98	59	49	
Held by group of accepting banks, total.....mills. of dolls..	573	410	230	296	262	332	343	377	455	510	518	563	574	
Own bills.....mills. of dolls..	159	162	112	125	131	159	175	155	188	225	200	197	198	
Purchased bills.....mills. of dolls..	414	248	118	171	131	174	168	222	268	286	318	366	376	
Held by others.....mills. of dolls..	64	66	63	162	156	195	189	162	115	90	96	70	55	
Commercial paper outstanding.....mills. of dolls..	118	248	210	174	118	108	103	106	108	111	103	100	108	
Agricultural loans outstanding:														
Credit banks, intermediate.....mills. of dolls..	102	130	124	124	120	118	114	112	113	116	116	117	117	
Land banks, Federal.....mills. of dolls..	1,129	1,174	1,171	1,167	1,163	1,158	1,154	1,150	1,146	1,143	1,139	1,135	1,132	
Land banks, joint stock.....mills. of dolls..	454	545	540	535	530	525	520	513	507	490	470	464	460	
Bank debits, total.....mills. of dolls..	25,931	36,700	38,803	29,069	36,345	33,569	27,251	29,889	29,924	25,411	27,103	25,236	25,215	
New York City.....mills. of dolls..	14,163	20,073	20,678	14,464	19,233	17,676	14,381	16,160	15,558	12,913	14,202	12,728	13,458	
Outside New York City.....mills. of dolls..	11,767	16,627	18,125	14,605	17,112	15,893	12,870	13,729	14,366	12,498	12,901	12,511	11,756	
Brokers' loans:														
Reported by New York Stock Exchange.....mills. of dolls..	380	1,044	796	730	587	512	524	533	379	300	244	242	332	
Ratio to market value.....per cent..	1.42	3.23	2.33	2.35	2.20	1.94	1.90	2.18	1.87	1.86	1.56	1.18	1.19	
By reporting New York member banks.....mills. of dolls..	425	1,172	869	720	591	505	495	525	495	409	342	332	345	
Federal reserve banks:														
Acceptance holdings. (See Acceptances.)														
Assets, total.....mills. of dolls..	5,848	5,530	5,666	5,580	5,672	5,523	5,374	5,399	5,560	5,506	5,615	5,704	5,815	
Reserve bank credit outstanding.....mills. of dolls..	2,233	1,578	2,184	1,931	1,853	1,856	1,709	1,597	1,850	2,096	2,310	2,439	2,331	
Bills bought.....mills. of dolls..	33	469	681	452	339	153	109	68	48	36	67	43	34	
Bills discounted.....mills. of dolls..	332	328	728	718	638	899	828	639	556	490	440	538	433	
United States securities.....mills. of dolls..	1,854	742	727	717	817	746	740	872	1,228	1,549	1,784	1,841	1,852	
Reserves, total.....mills. of dolls..	3,091	3,301	2,903	3,080	3,158	3,169	3,140	3,235	3,123	2,987	2,777	2,836	2,980	
Gold reserves.....mills. of dolls..	2,893	3,138	2,746	2,918	2,989	2,976	2,938	3,020	3,004	2,790	2,578	2,635	2,773	
Liabilities, total.....mills. of dolls..	5,848	5,530	5,666	5,580	5,672	5,523	5,374	5,399	5,560	5,506	5,615	5,704	5,815	
Deposits, total.....mills. of dolls..	2,312	2,506	2,380	2,252	2,125	2,093	1,937	2,012	2,225	2,240	2,028	2,158	2,241	
Member bank reserves.....mills. of dolls..	2,225	2,364	2,167	2,051	1,961	1,947	1,849	1,924	2,124	2,113	1,982	2,052	2,146	
Notes in circulation.....mills. of dolls..	2,750	2,098	2,429	2,480	2,624	2,665	2,651	2,563	2,566	2,572	2,795	2,859	2,814	
Reserve ratio.....per cent..	61.1	71.7	60.4	65.1	66.5	66.6	68.4	70.7	67.1	62.1	57.6	56.5	58.9	
Federal Reserve member banks:														
Deposits—														
Net demand.....mills. of dolls..	11,229	13,227	12,449	12,199	11,877	11,166	11,003	10,941	11,144	11,102	10,925	10,751	10,982	
Time.....mills. of dolls..	5,640	6,775	6,338	6,142	5,898	5,751	5,700	5,680	5,685	5,664	5,542	5,612	5,633	
Investments.....mills. of dolls..	8,201	7,916	7,700	7,506	7,428	7,149	6,935	7,143	7,151	7,385	7,491	7,700	7,743	
Loans, total.....mills. of dolls..	10,706	14,191	13,521	13,350	13,104	12,830	12,588	12,211	11,882	11,631	11,263	10,996	10,796	
On securities.....mills. of dolls..	4,521	6,346	5,897	5,807	5,777	5,574	5,440	5,328	5,099	4,907	4,745	4,631	4,512	
All other loans.....mills. of dolls..	6,185	7,845	7,624	7,543	7,327	7,256	7,148	6,883	6,783	6,724	6,518	6,365	6,284	
Interest rates and yield on securities:														
Acceptances, bankers, prime.....per cent..	3/4	7/8-1/4	1/4-3/4	2/8-3/4	3	2 3/4-3	2 3/4-2 7/8	2 3/4-3/4	2 3/4-3/4	2 3/4-3/4	2 3/4-3/4	2 3/4-3/4	2 3/4-3/4	
Bond yields. (See Bonds.)														
Call loans, renewal.....per cent..	2.00	1.50	2.10	2.50	2.70	2.65	2.50	2.50	2.50	2.50	2.50	2.08	2.00	
Com'l paper, prime (4-6 mos.).....per cent..	2-2 1/4	2	2-1/4	3 1/4-4 1/4	3 1/4-4	3 1/4-4	3 1/4-4	3 1/4-4	3 1/4-3 1/4	2 3/4-3 1/4	2 3/4-3 1/4	2 1/4-2 3/4	2-2 1/4	
Discount rate, N. Y. F. R. Bank.....per cent..	2.50	1.50	*3.50	3.50	3.50	3.50	*3.00	3.00	3.00	3.00	*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	5.63	5.59	5.58	
Intermediate credit bank loans.....per cent..	3.39	3.81	4.06	4.50	5.06	5.34	5.43	5.44	5.27	4.79	4.10	3.58	3.44	
Real estate bonds, long term.....per cent..	5.25	5.80	5.00	5.71	5.43	5.50	0	5.50	5.50	0	5.50	0	0	
Stock yields. (See Stocks.)														
Time loans, 90 days.....per cent..	1 1/4-1 1/2	1 1/4-2	2 1/4-4	3-4	3-4	3 1/2-4	3 1/2-3 3/4	2 3/4-3 1/4	2.3	1 1/2-2	1 1/2	1 1/4-1 1/2	1 1/4-1 1/2	
Savings deposits:														
New York State.....mills. of dolls..	5,282	5,231	5,217	5,213	5,255	5,240	5,242	5,293	5,262	5,243	5,282	5,253	5,243	
U. S. Postal Savings—														
Balance to credit of depositors.....thous. of dolls..	854,767	468,908	536,660	564,809	605,112	665,587	691,794	705,336	722,121	*742,645	776,330	826,027	844,854	
Balance on deposit in banks.....thous. of dolls..	779,496	395,725	449,933	479,035	510,763	569,522	615,508	623,245	635,921	*646,699	679,845	742,634	767,312	
FAILURES														
Bank suspensions:														
Total.....number..	65	305	522	175	358	342	*121	47	74	82	151	*132	85	
Deposit liabilities.....thous. of dolls..	16,008	233,505	471,380	67,939	277,051	219,071	*57,237	15,289	31,613	34,365	*133,830	*49,293	*30,530	
Commercial failures:														
Total.....number..	2,182	1,936	2,362	2,195	2,758	3,458	2,732	2,951	2,816	2,788	2,688	2,596	2,796	
Agents and brokers.....number..	141	113	143	131	154	175	128	201	169	129	164	184	177	
Manufacturers, total.....number..	513	449	614	519	591	688	602	642	641	672	614	622	649	
Chemicals, drugs, and paints.....number..	15	13	11	12	14	22	19	17	23	14	11	16	19	
Foodstuffs and tobacco.....number..	55	50	64	55	52	58	53	53	65	51	54	58	55	
Leather and manufactures.....number..	20	14	18	11	20	25	20	19	21	25	22	17	25	
Lumber.....number..	55	49	54	62	65	82	62	86	77	83	84	80	74	
Metals and machinery.....number..	58	32	55	64	49	75	77	80	59	64	70	68	68	
Printing and engraving.....number..	27	23	32	24	29	28	26	24	31	44	33	38	42	
Stone, clay, and glass.....number..	19	6	9	18	11	12	23	14	18	15	26	19	17	
Textiles.....number..	75	64	81	82	116	133	103	105	82	145	113	100	117	
Miscellaneous.....number..	189	198	290	191	235	253	219	244	245	231	201	226	229	
Traders, total.....number..	1,528	1,374	1,605	1,545	2,013	2,595	2,002	2,108	2,006	1,987	1,912	1,790	1,970	
Books and paper.....number..	24	15	18	19	16	37	16	14	24	27	15	31	29	
Chemicals, drugs, and paints.....number..	131	90	112	114	142	120	126	148	123	114	154	120	133	
Clothing.....number..	317	273	284	289	421	701	505	437	448	434	365	386	404	
Food and tobacco.....number..	387	353	447	411	591	556	489	545	475	511	505	440	573	
General stores.....number..	76	87	105	124	159	195	144	158	110	134	104	119	107	
Household furnishings.....number..	266	234	260	260	343	536	398	487	426	386	399	323	340	
Miscellaneous.....number..	327	322	379	328	341	450	324	319	400	381	370	371	384	

* Revised.

* Rate changed May 8, Oct. 9, Oct. 16, 1931, Feb. 26, and June 23, 1932.

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

FINANCE—Continued

FAILURES—Continued														
Commercial—continued.														
Liabilities, total.....	thous. of dolls.	56,128	47,256	70,660	60,660	73,213	96,860	84,900	93,760	101,069	83,764	76,931	87,190	77,031
Agents and brokers.....	thous. of dolls.	7,345	7,741	14,841	7,318	12,373	10,676	10,016	16,349	16,194	18,100	14,462	15,042	12,666
Manufacturers, total.....	thous. of dolls.	22,310	14,857	27,334	26,112	22,454	31,680	33,879	31,293	43,138	36,078	25,637	37,229	27,462
Chemicals, drugs, and														
paints.....	thous. of dolls.	474	701	596	1,242	1,022	836	2,587	312	679	477	315	2,977	354
Foodstuffs and tobacco.....	thous. of dolls.	930	1,266	1,100	810	1,076	1,836	805	1,480	935	646	483	388	1,444
Leather and manu-														
factures.....	thous. of dolls.	529	133	216	198	705	1,033	3,172	2,390	1,188	1,337	491	755	2,222
Lumber.....	thous. of dolls.	6,660	1,241	3,659	3,567	2,480	6,445	4,347	5,947	5,757	9,958	5,494	5,930	3,701
Metals and machinery.....	thous. of dolls.	4,302	3,471	6,183	9,157	1,414	3,332	5,398	5,414	6,307	4,549	2,703	8,115	5,068
Printing and engraving.....	thous. of dolls.	1,248	519	750	744	706	652	1,208	982	1,265	1,546	1,059	1,270	699
Stone, clay, and glass.....	thous. of dolls.	444	228	2,305	1,049	2,698	130	1,575	498	945	252	700	688	1,230
Textiles.....	thous. of dolls.	1,342	1,252	4,619	2,004	3,543	3,903	4,357	2,943	4,031	4,096	4,641	5,775	5,068
Miscellaneous.....	thous. of dolls.	6,381	6,046	7,905	7,341	8,810	13,512	10,431	11,329	22,030	7,277	9,751	11,331	8,130
Traders, total.....	thous. of dolls.	26,471	24,658	29,486	27,229	38,385	54,505	41,005	44,118	47,736	35,585	36,835	34,920	36,905
Books and paper.....	thous. of dolls.	314	575	668	321	231	556	104	139	922	445	228	558	433
Chemicals, drugs, and														
paints.....	thous. of dolls.	1,286	1,464	1,348	1,323	1,901	2,254	1,890	1,929	1,623	1,342	1,756	1,373	1,740
Clothing.....	thous. of dolls.	5,205	4,722	6,131	4,309	5,624	11,262	8,687	5,327	7,921	7,732	5,869	6,490	6,590
Foods and tobacco.....	thous. of dolls.	4,639	4,884	8,272	7,674	12,881	12,681	10,085	12,267	15,542	8,856	7,892	8,287	9,329
General stores.....	thous. of dolls.	819	1,314	1,734	1,602	2,616	4,957	2,287	5,582	1,629	2,198	1,649	1,853	1,712
Household furnishings.....	thous. of dolls.	6,089	5,579	5,489	5,828	7,721	11,358	9,531	11,474	10,019	7,729	10,348	6,843	7,134
Miscellaneous.....	thous. of dolls.	8,119	6,119	5,845	6,273	7,410	11,437	8,422	7,399	10,080	7,382	9,093	9,516	9,967
LIFE INSURANCE														
(Association of Life Insurance Presidents)														
Assets, admitted, total.....	mills. of dolls.	16,135	16,227	16,288	16,366	16,459	16,537	16,572	16,581	16,633	16,641	16,680	16,715	
Mortgage loans.....	mills. of dolls.	6,363	6,379	6,387	6,382	6,397	6,393	6,383	6,365	6,344	6,318	6,293	6,269	
Farm.....	mills. of dolls.	1,530	1,527	1,523	1,512	1,512	1,506	1,498	1,487	1,477	1,467	1,459	1,452	
Other.....	mills. of dolls.	4,833	4,852	4,864	4,870	4,885	4,887	4,885	4,878	4,867	4,851	4,834	4,817	
Bonds and stocks held (book														
value).....	mills. of dolls.		6,143	6,159	6,164	6,167	6,163	6,177	6,177	6,169	6,172	6,170	6,173	6,189
Government.....	mills. of dolls.		1,292	1,283	1,284	1,289	1,290	1,303	1,302	1,303	1,313	1,318	1,327	1,343
Public utility.....	mills. of dolls.		1,663	1,665	1,667	1,667	1,664	1,672	1,678	1,674	1,673	1,670	1,670	1,669
Railroad.....	mills. of dolls.		2,669	2,687	2,688	2,686	2,683	2,679	2,675	2,671	2,665	2,660	2,657	2,655
Other.....	mills. of dolls.		519	524	525	525	526	523	522	521	522	519	522	
Policy loans and premium notes.....	mills. of dolls.		2,446	2,508	2,544	2,594	2,655	2,704	2,742	2,785	2,827	2,871	2,886	2,919
Insurance written:														
Policies and certificates.....	thousands	951	968	1,035	1,229	1,551	1,100	1,089	1,224	1,144	1,900	1,101	1,091	1,027
Group.....	thousands	41	22	18	19	44	49	21	21	36	23	26	18	17
Industrial.....	thousands	681	723	761	951	1,156	804	816	931	860	833	830	845	774
Ordinary.....	thousands	229	223	256	259	350	248	252	271	248	233	246	228	236
Value, total.....	thous. of dolls.	640,331	720,218	817,858	846,617	1,117,187	944,848	833,324	889,664	822,990	760,127	769,336	692,113	669,375
Group.....	thous. of dolls.	61,018	37,300	40,504	28,595	101,205	111,920	35,123	46,574	64,884	49,114	50,606	36,984	28,979
Industrial.....	thous. of dolls.	174,156	199,218	213,931	230,344	261,773	217,552	220,568	251,050	236,898	222,956	213,298	206,641	196,340
Ordinary.....	thous. of dolls.	405,157	483,700	563,423	587,678	754,209	615,376	577,633	593,031	521,208	488,057	505,432	448,488	444,056
Premium collections.....	thous. of dolls.	210,172	222,309	241,561	235,201	348,384	248,576	249,578	261,166	250,826	245,270	242,298	238,157	234,446
Annuities.....	thous. of dolls.	10,624	9,019	10,125	9,812	23,904	14,434	10,412	13,003	13,331	12,287	10,992	16,115	11,962
Group.....	thous. of dolls.	6,798	7,521	7,484	7,464	10,166	8,862	8,225	9,333	8,178	7,205	7,683	7,506	7,980
Industrial.....	thous. of dolls.	53,379	55,319	58,365	59,204	113,491	60,570	61,157	56,810	57,693	57,954	55,020	57,066	58,636
Ordinary.....	thous. of dolls.	139,371	150,450	165,587	158,721	200,823	164,710	169,784	182,020	171,624	167,824	168,603	157,470	155,868
(Life Insurance Sales Research Bureau)														
Insurance written ordinary, total.....	mills. of dolls.	438	535	600	630	800	635	593	639	557	531	536	486	488
Eastern district.....	mills. of dolls.	187	221	258	279	342	289	268	279	245	230	232	211	213
Far Western district.....	mills. of dolls.	42	57	61	64	80	63	58	66	54	52	53	47	47
Southern district.....	mills. of dolls.	48	61	64	67	89	68	61	65	59	59	56	51	51
Western district.....	mills. of dolls.	161	196	216	220	289	214	206	229	199	190	195	177	177
Lapse rates.....	1925-1926=100.		124			127			123			137		
MONETARY STATISTICS														
Foreign exchange rates:														
Argentina.....	dolls. per gold peso	.586	.597	.520	.588	.585	.583	.582	.583	.582	.583	.585	.586	.586
Belgium.....	dolls. per belga	.139	.139	.140	.139	.139	.139	.139	.139	.140	.140	.139	.139	.139
Brazil.....	dolls. per milreis	.076	.059	.056	.062	.062	.062	.062	.062	.065	.071	.075	.076	.076
Canada.....	dolls. per Canadian doll.	.963	.963	.891	.890	.827	.851	.873	.895	.899	.884	.867	.871	.876
Chile.....	dolls. per peso	.060	.120	.121	.121	.121	.121	.121	.121	.107	.060	.060	.060	.060
England.....	dolls. per £	3.47	4.53	3.89	3.72	3.37	3.43	3.46	3.64	3.75	3.68	3.65	3.55	3.48
France.....	dolls. per franc	.039	.039	.039	.039	.039	.039	.039	.039	.039	.040	.039	.039	.039
Germany.....	dolls. per reichsmark	.238	.234	.232	.237	.236	.237	.237	.238	.237	.238	.237	.237	.238
India.....	dolls. per rupee	.262	.339	.287	.280	.254	.258	.260	.273	.280	.273	.272	.267	.262
Italy.....	dolls. per lira	.051	.052	.052	.052	.051	.050	.052	.052	.052	.052	.051	.051	.051
Japan.....	dolls. per yen	.236	.493	.493	.493	.435	.380	.343	.322	.328	.320	.303	.275	.245
Netherlands.....	dolls. per florin	.402	.403	.404	.402	.402	.402	.404	.403	.405	.406	.404	.403	.402
Spain.....	dolls. per peseta	.081	.090	.080	.086	.084	.084	.078	.076	.077	.081	.083	.081	.081
Sweden.....	dolls. per krona	.178	.261	.231	.207	.187	.192	.193	.199	.191	.187	.187	.182	.179
Uruguay.....	dolls. per peso	.474	.419	.349	.450	.446	.449	.462	.471	.473	.475	.472	.476	.474
Gold and money:														
Monetary stocks, U. S.....	mills. of dolls.	4,140	4,948	4,447	4,363	4,450	4,452	4,384	4,372	4,381	4,273	3,955	3,942	4,030
Movement, foreign—														
Earmarked by F. R. B., foreign account														
Net release from earmark.....	thous. of dolls.	166,422	356,321	463,931	435,621	458,534	433,150	406,781	348,479	344,500	366,650	395,447	339,210	238,709
Exports.....	thous. of dolls.	72,287	—279,090	—107,600	28,310	—22,913	25,384	26,369	58,302	3,979	—22,150	—28,797	56,237	100,501
Imports.....	thous. of dolls.	60	28,708	398,604	4,994	32,651	107,863	128,211	43,909	49,509	212,229	226,117	23,474	18,067
Imports.....	thous. of dolls.	27,957	49,269	60,919	94,430	89,509	34,912	37,644	19,238	19,271	16,715	20,070	17,837	24,170
Net gold imports*.....	thous. of dolls.	27,897	20,561	—337,685	89,436	56,858	—72,951	—90,567	—24,671	—30,238	—195,514	—206,047	—5,637	6,103
Production, Rand.....	fine ounces		916,000	945,113	900,510	923,353	936,784	914,012	960,035	949,796	965,644	959,011	980,160	991,000
Receipts at mint, domestic.....	fine ounces	145,825	123,928	123,748	134,775	123,555	89,185	91,704	91,273	85,906	100,763	104,770	123,416	143,088
Money in circulation, total.....	mills. of dolls.	5,685	5,133	5,478	5,518	5,611	5,645	5,627	5,531	5,452	5,456	5,530	5,752	5,720
Federal Reserve notes. (See Fed. Res.														
Bks.)														

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

FINANCE—Continued

MONETARY STATISTICS—Continued

Silver:													
Exports.....thous. of dolls.	869	2,183	2,158	872	2,168	1,611	942	967	1,617	1,865	1,268	828	433
Imports.....thous. of dolls.	2,352	2,355	2,573	2,138	3,215	2,097	2,009	1,809	1,890	1,547	1,401	1,288	1,554
Price at New York.....dolls. per fine oz.	279	.282	.295	.322	.301	.298	.301	.298	.283	.278	.275	.267	.280
Production, estimated, world (85 per cent of total).....thous. of fine oz.		12,490	12,992	11,739	10,821	11,571	11,086	9,113	10,801	11,311	9,614	11,927	
Canada.....thous. of fine oz.	1,500	1,403	1,987	1,659	1,113	1,484	1,539	1,128	1,338	1,227	933	1,954	1,491
Mexico.....thous. of fine oz.		7,510	7,312	6,295	5,590	6,231	6,293	4,548	5,730	6,483	4,714	6,611	
United States.....thous. of fine oz.	1,817	2,101	2,181	2,132	2,350	2,114	1,677	1,785	2,104	1,884	2,307	1,824	2,170
Stocks, end of month—													
United States.....thous. of fine oz.	5,002	4,082	4,066	5,035	6,209	6,517	6,408	7,479	6,718	2,446	5,821	4,622	4,923
Canada.....thous. of fine oz.	1,916	989	1,110	1,471	1,273	1,324	1,538	1,677	1,681	1,983	1,626	1,645	1,642

NET CORPORATION PROFITS
(Quarterly)

Profits, total.....mills. of dolls.		390			267			225.0			170.0		
Industrial and mercantile, total.....mills. of dolls.		97			d 1			29.4			d 0.3		
Autos, parts and accessories.....mills. of dolls.		14			d 30			1.6			d 1.4		
Foods.....mills. of dolls.		29			22			23.4			24.0		
Metals and mining.....mills. of dolls.	d 1				d 2			d 0.2			d 1.9		
Machinery.....mills. of dolls.	3				2			d 0.3			d 1.2		
Oil.....mills. of dolls.	5				d 13			0.5			10.6		
Steel and railroad equipment.....mills. of dolls.	d 1				d 13			d 24.5			d 32.1		
Miscellaneous.....mills. of dolls.	43				33			28.0			33.0		
Public utilities.....mills. of dolls.	59				79			70.9			66.0		
Railroads, Class I.....mills. of dolls.	167				125			66.0			45.2		
Telephones.....mills. of dolls.	67				64			58.7			59.1		

PUBLIC FINANCE (FEDERAL)

Debt, gross, end of month.....mills. of dolls.	20,611	17,321	17,292	17,310	17,825	17,816	18,126	18,507	18,507	19,037	19,487	19,612	20,067
Expenditures, chargeable to ordinary receipts.....thous. of dolls.	265,725	356,630	416,472	292,652	862,348	232,927	370,986	385,486	543,759	447,619	443,210	347,889	257,084
Receipts, ordinary, total.....thous. of dolls.	259,958	368,792	134,649	106,304	342,271	107,748	97,140	275,932	98,822	91,635	244,089	100,652	111,133
Customs.....thous. of dolls.	25,935	35,500	35,175	27,445	26,549	27,180	23,191	23,231	21,383	18,004	17,373	18,876	24,116
Internal revenue, total.....thous. of dolls.	216,481	312,581	72,356	59,098	295,499	62,539	59,054	231,630	55,201	60,103	206,994	61,686	79,940
Income tax.....thous. of dolls.	142,203	263,877	25,773	19,546	256,522	22,134	23,317	192,703	20,469	22,324	160,502	17,457	15,083

CAPITAL ISSUES

Total, all issues (Commercial and Financial Chronicle).....thous. of dolls.	141,396	313,330	45,932	130,787	139,391	193,939	94,497	190,020	142,319	122,862	142,206	154,121	169,842
Domestic, total.....thous. of dolls.	81,396	263,330	45,932	130,787	139,391	193,939	94,497	190,020	142,319	122,862	142,206	154,121	167,842
Foreign, total.....thous. of dolls.	60,000	50,000	0	0	0	0	0	0	0	0	0	0	2,000
Corporate, total.....thous. of dolls.	10,882	176,264	17,891	70,202	86,331	48,164	44,551	57,344	48,194	22,231	29,340	111,871	133,395
Industrial.....thous. of dolls.	0	4,550	2,160	583	19,100	2,319	100	341	0	0	0	1,000	600
Investment trusts.....thous. of dolls.	0	0	941	0	0	0	0	0	0	0	0	0	0
Land, buildings, etc.....thous. of dolls.	700	67,099	9,625	5,784	5,785	1,225	2,900	1,911	490	0	125	0	0
Long-term issues.....thous. of dolls.	700	66,785	9,125	2,619	3,185	1,075	0	905	490	0	80	0	0
Apartments and hotels.....thous. of dolls.	0	0	0	500	0	0	0	0	0	0	0	0	0
Office and commercial.....thous. of dolls.	0	66,445	9,125	1,979	2,575	690	0	755	0	0	0	0	0
Public utilities.....thous. of dolls.	9,732	42,080	2,000	51,285	53,398	44,620	34,901	51,097	46,206	22,031	19,888	110,529	99,999
Railroads.....thous. of dolls.	0	60,000	0	12,550	0	0	4,950	3,425	0	0	9,327	0	26,450
Miscellaneous.....thous. of dolls.	450	2,625	3,165	0	8,048	0	1,700	571	1,498	200	0	342	6,346
Farm loan bank issues.....thous. of dolls.	4,000	20,000	12,000	6,000	12,000	12,500	15,000	25,000	25,000	15,000	30,000	16,000	0
Municipal, State, etc.....thous. of dolls.	66,514	117,066	16,041	54,585	41,060	133,275	34,947	107,675	69,126	85,631	82,866	26,250	34,448
Purpose of issue—													
New capital, total.....thous. of dolls.	93,032	270,540	44,988	110,215	118,751	179,919	73,389	160,612	70,268	91,241	77,944	103,899	61,954
Domestic, total.....thous. of dolls.	73,032	220,540	44,988	110,215	118,751	179,919	73,389	160,612	70,268	91,241	77,944	103,899	59,954
Corporate.....thous. of dolls.	6,550	106,381	17,891	50,123	66,984	46,664	38,863	48,247	15,070	7,231	4,110	62,842	26,281
Farm loan bank issues.....thous. of dolls.	4,000	0	12,000	6,000	12,000	0	0	5,000	25,000	0	0	16,000	0
Municipal, State, etc.....thous. of dolls.	62,482	114,158	15,597	54,092	39,767	133,255	34,526	107,365	30,199	84,011	73,835	25,057	33,674
Foreign.....thous. of dolls.	20,000	50,000	0	0	0	0	0	0	0	0	0	0	2,000
Refunding, total.....thous. of dolls.	48,364	42,791	945	20,571	20,641	14,020	21,109	29,408	72,051	31,621	64,262	50,221	107,888
Corporate.....thous. of dolls.	4,332	19,883	500	20,079	19,347	1,500	5,688	9,097	33,124	15,000	25,231	49,029	107,114
Type of security, all issues:													
Bonds and notes, total.....thous. of dolls.	141,046	300,465	42,326	106,932	100,523	189,520	90,685	187,282	142,319	122,862	142,206	153,121	168,042
Corporate.....thous. of dolls.	10,532	163,399	14,285	46,347	47,463	43,745	40,738	54,607	48,194	22,231	29,340	110,871	131,595
Stocks.....thous. of dolls.	350	12,865	3,606	23,855	38,868	4,419	3,813	2,738	0	0	0	1,000	1,800
State and municipals (Bond Buyer):													
Permanent (long term).....thous. of dolls.	61,134	119,142	18,293	54,322	49,244	135,154	35,310	88,457	66,883	85,396	85,588	27,370	35,854
Temporary (short term).....thous. of dolls.	96,213	104,129	50,122	74,625	83,142	111,018	100,757	174,948	118,077	45,386	124,685	50,007	86,017

SECURITY MARKETS

Bonds

Prices:													
All listed bonds, avg. price (N. Y. S. E.)													
Domestic issues.....dollars.	77.50	81.70	79.28	75.19	72.29	73.45	75.31	76.12	74.49	70.62	71.71	74.27	77.27
Foreign issues.....dollars.	83.93	88.34	88.13	84.13	80.19	80.34	82.02	80.57	79.31	73.57	75.66	79.25	83.70
Domestic (Dow-Jones) (40)	66.10	70.04	67.28	59.55	58.35	61.31	63.51	63.30	65.99	65.40	64.78	65.52	65.89
.....p. ct. of par 4% bond..	55.01	72.24	65.06	64.08	53.23	57.47	57.23	58.25	49.42	43.08	41.29	42.98	53.35
Industrials (10).....p. ct. of par 4% bond..	52.21	61.60	55.48	56.31	47.37	50.04	48.84	49.51	43.42	38.14	35.99	37.76	48.08
Public utilities (10).....p. ct. of par 4% bond..	70.10	78.40	71.93	72.15	65.84	66.09	66.23	69.61	66.11	63.88	60.49	64.73	69.96
Rails, high grade (10)													
.....p. ct. of par 4% bond..	82.07	92.70	84.35	83.73	75.29	76.95	75.30	79.28	73.23	69.69	68.78	70.97	79.32
Rails, second grade (10)													
.....p. ct. of par 4% bond..	36.88	64.11	56.49	53.02	39.11	46.54	47.52	46.54	34.33	27.30	26.47	27.52	36.67
Domestic (Standard Statistics) (60).....dollars.	85.8	95.6	89.4	89.0	81.6	81.0	80.4	82.8	79.4	75.2	72.2	74.2	83.2
Domestic U. S. Liberty (N. Y. Trust) (5)													
.....p. ct. of par	103.76	100.37	100.86	98.23	96.01	99.16	99.63	102.24	100.78	101.79	102.89	103.19	
Foreign (N. Y. Trust) (40).....p. ct. of par	53.98	56.10	50.20	45.61	49.63	51.45	50.13	46.37	41.71	44.47	51.72	55.82	

1 Revised.

d = deficit.

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931				1932							
	September	September	October	November	December	January	February	March	April	May	June	July	August
FINANCE—Continued													
SECURITY MARKETS—Continued													
Bonds—Continued													
Sales on New York Stock Exchange:													
Total.....thous. of dolls. par value..	250,265	305,816	346,979	236,617	337,826	286,527	217,385	252,712	252,354	258,441	257,180	240,720	333,076
Liberty-Treas.....thous. of dolls. par value..	24,351	38,493	56,157	37,389	61,046	67,676	54,794	51,281	68,916	86,816	67,049	46,432	25,769
Value, issues listed on N. Y. S. E.:													
Par, all issues.....mills. of dolls.	51,780	52,671	52,599	52,547	52,360	52,242	52,245	52,277	52,218	52,193	52,086	51,991	51,863
Domestic issues.....mills. of dolls.	33,114	33,551	33,500	33,451	33,409	33,329	33,306	33,343	33,329	33,307	33,219	33,152	33,140
Foreign issues.....mills. of dolls.	18,667	19,121	19,100	19,097	18,951	18,913	18,939	18,934	18,890	18,886	18,868	18,839	18,724
Market value, all issues.....mills. of dolls.	40,132	43,031	41,703	39,512	37,848	38,372	39,347	39,794	38,897	36,857	37,353	38,615	40,073
Domestic issues.....mills. of dolls.	27,793	29,640	28,852	28,141	26,791	26,777	27,319	26,863	26,431	24,504	25,132	26,272	27,736
Foreign issues.....mills. of dolls.	12,339	13,392	12,850	11,371	11,058	11,595	12,028	12,931	12,465	12,352	12,222	12,343	12,336
Yields:													
Domestic (Standard Statistics) (60).....per cent..	5.45	4.70	5.16	5.19	5.81	5.86	5.91	5.70	6.00	6.41	6.72	6.50	5.67
Industrials (15).....per cent..	6.61	5.64	6.21	6.08	7.24	7.11	6.98	6.79	7.33	8.35	9.17	8.67	6.93
Municipals (15).....per cent..	4.74	4.00	4.51	4.62	4.86	5.28	5.49	5.09	5.02	5.06	5.10	5.10	4.85
Public utilities (15).....per cent..	5.06	4.50	4.77	4.89	5.29	5.36	5.49	5.30	5.50	5.65	5.77	5.65	5.22
Railroads (15).....per cent..	5.36	4.66	5.14	5.17	5.86	5.70	5.78	5.60	6.16	6.57	6.83	6.60	5.65
Domestic, municipals (Bond Buyer) (20).....per cent..	4.57	4.06	4.34	4.45	4.87	4.94	4.96	4.73	4.77	4.94	5.09	4.82	4.55
Domestic, U. S. Government—													
Treasury bonds (3 long term).....per cent..	3.54	3.42	3.71	3.69	3.92	4.27	4.11	3.92	3.74	3.77	3.78	3.65	3.57
Treasury notes and certificates (3-6 months).....per cent..	.03	.45	1.70	1.77	2.41	2.48	2.42	2.25	1.11	.31	.34	.22	1.14
Cash Dividend and Interest Payments and Rates													
Total (Journal of Commerce).....thous. of dolls..	437,440	519,840	747,157	557,742	870,951	997,938	443,200	494,269	654,200	493,800	685,101	814,400	392,490
Dividend payments.....thous. of dolls..	125,000	219,500	288,400	251,000	231,100	403,100	195,900	214,700	226,700	224,800	244,700	255,400	143,900
Industrial and miscellaneous													
Railroads, steam.....thous. of dolls..	103,000	169,500	225,000	183,000	179,500	300,000	143,000	158,800	164,500	169,000	180,000	185,500	105,900
Railways, street.....thous. of dolls..	7,300	26,500	36,000	32,450	28,800	42,500	29,000	30,500	28,200	21,700	9,900	12,000	9,000
Interest payments.....thous. of dolls..	3,200	6,000	8,500	10,550	10,800	11,600	7,900	4,900	7,500	6,100	5,300	4,900	3,500
Dividend payments (N.Y. Times).....thous. of dolls..	312,440	300,340	458,757	306,742	439,351	594,838	247,300	279,569	427,500	269,000	440,311	557,000	248,590
Industrial and miscellaneous.....thous. of dolls..	156,599	286,265	232,255	371,135	284,499	202,300	386,996	250,405	161,700	271,120	216,662	122,561	246,113
Railroad.....thous. of dolls..	154,009	266,372	206,070	343,006	249,075	181,637	337,527	239,461	154,515	257,574	187,801	113,820	226,892
Dividend payments and rates (Moody's):													
Dividend payments, annual payments at current rate (600 companies).....mill. dolls..	1,148.9	2,010.6	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
Number of shares, adjusted.....millions.	928.67	920.69	922.59	922.59	923.36	922.50	922.57	922.76	924.54	924.68	927.05	927.11	928.42
Dividend rate per share, weighted average (600).....dollars	1.24	2.18	2.10	2.05	1.96	1.89	1.76	1.67	1.60	1.48	1.34	1.31	1.25
Banks (21).....dollars	4.78	6.11	6.11	6.11	6.31	6.31	6.17	5.43	5.43	4.79	4.78	4.78	4.78
Industrials (492).....dollars	.93	1.70	1.64	1.60	1.55	1.48	1.33	1.27	1.22	1.09	1.01	.99	.94
Insurance (21).....dollars	1.89	3.35	3.08	3.08	3.00	2.95	2.95	2.89	2.77	2.77	2.31	1.95	1.87
Public utilities (30).....dollars	2.30	2.95	2.87	2.87	2.84	2.83	2.80	2.76	2.69	2.68	2.42	2.35	2.35
Railroads (36).....dollars	.81	4.23	3.91	3.64	2.79	2.64	2.36	2.21	1.68	1.37	1.12	1.12	.81
Stocks													
Prices:													
Dow-Jones—													
Industrials (30).....dolls. per share..	72.6	118.8	101.8	104.0	81.2	79.4	80.0	81.5	62.7	53.3	46.9	46.2	67.5
Public utilities (20).....dolls. per share..	35.3	47.9	40.3	40.0	33.3	32.2	32.7	29.3	25.3	22.4	18.0	18.6	29.1
Railroads (20).....dolls. per share..	32.3	58.6	53.2	48.6	35.8	37.9	36.8	34.5	23.6	18.3	15.7	16.1	29.4
New York Times (50).....dolls. per share..	65.35	101.62	95.69	90.40	74.20	73.80	74.10	70.78	52.85	46.06	44.52	40.18	61.70
Industrials (25).....dolls. per share..	101.58	156.80	146.65	142.97	119.96	116.92	118.92	115.42	87.88	77.96	67.65	66.87	98.07
Railroads (25).....dolls. per share..	29.13	46.44	44.72	37.82	28.44	30.68	29.28	26.14	17.81	14.16	12.29	13.50	25.33
Standard Statistics (421).....1926=100	58.2	81.7	69.7	71.7	57.7	58.0	66.5	56.8	43.9	39.8	34.0	35.9	53.3
Industrials (351).....1926=100	55.8	75.8	64.8	67.5	54.3	54.4	52.9	53.8	41.7	38.1	33.5	35.8	51.5
Public utilities (37).....1926=100	91.4	131.9	111.9	114.7	95.6	94.4	92.8	93.4	73.3	67.8	55.0	55.4	84.2
Railroads (33).....1926=100	34.5	66.1	48.4	46.0	33.0	36.6	34.2	32.1	22.2	17.4	14.1	15.6	29.2
Standard Statistics—													
Banks, N. Y. (20).....1926=100	73.5	88.2	78.8	82.2	60.6	63.8	64.1	67.1	45.3	46.6	39.4	43.2	64.8
Fire Insurance (20).....1926=100	47.3	86.4	72.2	75.0	54.9	46.9	48.1	51.9	39.5	28.3	25.4	26.9	43.4
Sales, N. Y. S. E.thous. of shares..	67,424	51,140	47,895	37,369	50,190	34,342	31,719	33,061	31,403	23,151	22,998	23,056	82,649
Value, and shares listed, N. Y. S. E.:													
Market value all listed shares.....mill. dolls.	26,735	32,327	34,247	31,105	26,694	26,378	27,586	24,502	20,319	16,141	15,633	20,495	27,783
Number of shares listed.....millions.	1,311	1,317	1,319	1,319	1,319	1,319	1,320	1,314	1,325	1,320	1,315	1,315	1,312
Yields:													
Common, Standard Statistics (90).....per cent..	5.02	6.51	7.28	7.06	8.66	8.22	8.04	7.16	9.13	9.57	10.30	8.85	5.65
Industrials (50).....per cent..	5.22	6.63	7.49	7.32	9.04	8.89	8.81	7.53	9.52	10.02	10.15	8.80	5.75
Public utilities (20).....per cent..	5.03	5.11	5.74	5.50	6.60	6.37	6.06	6.74	7.34	8.08	10.21	8.75	5.74
Railroads (20).....per cent..	3.44	9.59	10.07	9.79	12.70	9.01	8.60	9.15	12.74	11.86	12.45	9.91	4.47
Preferred, Standard Statistics—													
Industrials, high grade (20).....per cent..	6.88	5.78	6.25	6.22	6.74	6.88	6.89	6.78	7.43	7.75	8.38	8.22	7.11
Stockholders (Common Stock)													
American Tel. & Tel. Co., total.....number..	705,501	612,755			642,427			667,238			703,080		
Foreign.....number..	7,348	6,870			6,947			7,047			7,147		
Pennsylvania Railroad Co., total.....number..	251,041	241,391			245,509			248,324			250,822		
Foreign.....number..	3,327	3,284			3,268			3,267			3,305		
U. S. Steel Corporation, total.....number..	189,981	169,017			179,572			187,409			190,986		
Foreign.....number..	3,141	2,701			2,803			2,924			3,081		
Shares held by brokers.....per cent of total..	14.27	13.16			13.29			11.97			16.03		

1 Revised.

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931					1932							
	September	September	October	November	December	January	February	March	April	May	June	July	August	
FOREIGN TRADE														
INDEXES														
Value:														
Exports, unadjusted.....1923-1925=100..	35	48	54	51	48	40	41	41	36	35	30	28	29	
Exports, adjusted for seasonal.....1923-1925=100..	33	45	44	44	46	39	45	41	38	37	34	32	31	
Imports, unadjusted.....1923-1925=100..	31	53	52	46	47	42	41	41	39	35	35	25	28	
Imports, adjusted for seasonal.....1923-1925=100..	32	56	51	46	48	42	41	37	36	34	36	27	29	
Quantity, exports:														
Total agricultural products.....1910-1914=100..	90	86	139	137	143	111	117	111	80	74	61	63	64	
Total, excluding cotton.....1910-1914=100..	66	92	127	114	106	81	85	79	81	75	71	59	60	
VALUE														
Exports, incl. reexports.....thous. of dolls..	132,000	180,228	204,905	193,540	184,070	150,022	153,972	155,250	135,359	132,065	114,259	106,842	109,138	
By grand divisions and countries—														
Africa.....thous. of dolls..	2,809	24,344	5,376	3,598	4,317	3,140	2,717	3,735	2,958	3,647	2,412	3,205	2,569	
Asia and Oceania.....thous. of dolls..	22,144	234,551	37,221	41,227	43,660	38,667	39,408	35,746	24,067	23,734	20,939	21,266	18,753	
Japan.....thous. of dolls..	7,803	12,370	13,131	14,249	18,445	16,945	20,742	16,582	7,873	7,883	6,635	5,707	4,925	
Europe.....thous. of dolls..	72,631	90,361	111,983	100,826	92,242	71,082	74,038	70,415	63,033	62,223	52,309	46,010	52,896	
France.....thous. of dolls..	10,252	7,726	8,802	8,681	8,279	9,340	8,800	10,451	8,854	8,521	8,838	5,705	9,219	
Germany.....thous. of dolls..	15,791	12,836	17,352	15,694	14,587	12,058	11,004	13,388	10,293	9,127	7,499	6,969	8,663	
Italy.....thous. of dolls..	4,774	3,986	6,158	4,108	7,076	4,487	4,027	3,673	4,275	3,406	2,560	2,618	3,506	
United Kingdom.....thous. of dolls..	25,728	234,590	50,559	46,280	36,699	28,606	33,306	23,383	21,264	23,121	18,394	16,784	18,638	
North America, northern.....thous. of dolls..	19,210	28,475	27,279	26,155	20,101	18,923	20,551	25,328	24,724	24,556	20,884	19,245	19,309	
Canada.....thous. of dolls..	18,745	27,802	26,621	25,760	19,777	18,572	20,247	24,993	24,325	24,181	20,469	18,887	18,925	
North America, southern.....thous. of dolls..	8,232	12,267	12,793	12,395	13,158	10,813	9,791	11,410	11,918	10,486	9,929	9,545	8,901	
Mexico.....thous. of dolls..	2,347	2,856	2,878	2,902	3,120	2,829	2,554	2,914	3,082	2,658	2,869	2,660	3,058	
South America.....thous. of dolls..	7,000	10,229	10,252	9,354	10,100	7,276	7,419	8,622	8,535	7,652	7,803	7,553	6,778	
Argentina.....thous. of dolls..	2,550	3,658	3,435	2,701	3,130	2,025	2,207	3,063	2,842	2,710	2,329	2,770	2,253	
Brazil.....thous. of dolls..	1,984	1,996	2,489	2,626	2,717	2,014	2,275	2,439	2,511	1,886	2,641	1,787	1,825	
Chile.....thous. of dolls..	220	2,699	983	974	895	339	552	350	338	207	197	280	260	
By economic classes—														
Exports, domestic.....thous. of dolls..	129,526	177,382	201,390	190,339	180,801	146,785	150,997	151,779	132,408	128,946	109,604	104,210	106,875	
Crude materials.....thous. of dolls..	47,389	44,390	63,624	68,077	68,407	49,762	52,509	50,409	34,023	29,849	24,105	27,588	26,481	
Raw cotton.....thous. of dolls..	32.1	23.5	39.8	43.6	47.3	36.0	37.3	36.5	20.7	17.7	13.4	15.9	18.1	
Foodstuffs, total.....thous. of dolls..	20,373	28,414	39,314	34,460	27,077	23,697	22,759	21,723	21,001	20,014	18,042	15,623	17,396	
Foodstuffs, crude.....thous. of dolls..	5,852	10,290	13,967	13,754	9,404	8,194	8,495	8,510	9,790	8,613	6,896	5,507	5,964	
Foodstuffs, manufactured.....thous. of dolls..	14,521	18,125	25,347	20,706	17,673	15,503	14,264	13,213	11,211	11,401	11,146	10,116	11,432	
Fruits and preparations.....thous. of dolls..	9.6	9.2	16.2	11.7	6.6	7.4	7.0	5.9	4.0	4.5	3.7	4.3	5.4	
Meats and fats.....thous. of dolls..	4.8	6.3	7.1	6.0	7.3	6.1	6.0	4.7	4.2	4.5	4.4	4.4	4.0	
Wheat and flour.....thous. of dolls..	2.6	6.8	8.8	8.5	7.6	5.3	5.1	5.4	7.6	5.5	5.1	2.9	3.4	
Manufactures, semifinished.....thous. of dolls..	15,860	21,389	21,184	20,797	20,633	18,820	18,427	18,300	18,902	18,598	14,816	14,071	13,645	
Manufactures, finished.....thous. of dolls..	45,904	83,189	77,269	67,005	64,683	54,506	57,212	61,348	58,483	60,485	52,552	46,928	46,353	
Autos and parts.....thous. of dolls..	4.9	8.7	8.6	5.6	8.0	6.8	7.4	9.3	7.8	7.9	6.3	6.2	5.1	
Gasoline.....thous. of dolls..	5.8	7.2	7.2	8.3	5.9	7.6	7.0	6.3	8.3	9.9	7.7	5.3	5.6	
Machinery.....thous. of dolls..	9.1	24.6	20.1	15.6	17.6	11.4	13.8	13.5	12.2	11.3	10.3	9.6	9.0	
Imports, total.....thous. of dolls..	98,448	170,384	168,708	149,480	153,773	135,520	130,978	131,189	126,522	112,276	110,200	79,420	91,100	
By grand divisions and countries—														
Africa.....thous. of dolls..	1,250	3,096	1,697	2,141	1,575	2,039	2,854	3,711	2,107	1,767	1,654	1,514	1,298	
Asia and Oceania.....thous. of dolls..	27,731	42,494	48,413	44,366	41,114	37,846	33,553	35,498	37,102	30,621	29,451	23,781	25,439	
Japan.....thous. of dolls..	12,135	17,256	19,474	20,408	18,803	14,150	12,723	13,163	11,275	8,813	8,542	8,574	10,065	
Europe.....thous. of dolls..	32,389	60,788	56,302	49,306	50,231	40,986	41,720	36,482	34,329	28,713	25,688	21,528	26,363	
France.....thous. of dolls..	4,023	7,799	8,971	6,415	6,722	4,080	4,137	4,244	3,925	2,739	3,184	2,231	3,400	
Germany.....thous. of dolls..	6,754	12,203	12,071	8,274	8,187	6,446	6,639	6,564	6,497	5,223	4,964	4,466	5,696	
Italy.....thous. of dolls..	3,130	5,635	5,648	6,519	6,549	5,045	4,007	4,467	4,357	3,124	2,391	1,960	2,502	
United Kingdom.....thous. of dolls..	6,420	13,379	11,278	8,547	9,237	5,954	7,728	7,702	7,332	6,849	5,194	4,279	5,213	
North America, northern.....thous. of dolls..	13,172	22,956	22,815	21,113	21,229	17,354	14,658	17,027	15,896	18,219	19,503	13,091	13,530	
Canada.....thous. of dolls..	12,508	21,928	21,281	20,464	20,037	16,216	14,608	16,947	15,729	17,148	18,706	12,727	12,739	
North America, southern.....thous. of dolls..	10,623	18,652	17,793	13,029	14,613	15,002	16,646	18,409	19,031	14,978	14,558	9,077	12,570	
Mexico.....thous. of dolls..	2,425	2,665	3,110	2,538	2,911	3,704	3,348	4,214	5,778	4,217	3,890	1,748	2,062	
South America.....thous. of dolls..	13,282	22,380	21,687	19,763	24,179	21,976	21,546	20,214	18,301	17,977	20,556	10,432	11,610	
Argentina.....thous. of dolls..	803	4,753	3,309	2,431	1,653	1,803	1,885	1,729	2,121	1,576	976	488	598	
Brazil.....thous. of dolls..	5,532	6,909	7,616	7,300	10,180	8,655	8,552	9,038	6,223	8,704	8,714	4,494	3,184	
Chile.....thous. of dolls..	135	3,721	2,818	2,885	2,034	3,647	2,093	1,206	1,090	1,000	619	222	1,680	
By economic classes—														
Crude materials.....thous. of dolls..	27,318	52,915	52,375	47,811	49,819	38,183	37,310	36,035	36,300	28,386	29,631	19,457	22,040	
Foodstuffs, crude.....thous. of dolls..	17,366	18,648	20,355	19,537	22,809	23,433	22,849	24,870	19,172	20,596	20,003	14,600	13,885	
Foodstuffs, manufactured.....thous. of dolls..	13,941	16,483	16,469	13,464	13,872	14,896	14,913	17,492	18,943	16,563	12,794	11,661	15,340	
Manufactures, semifinished.....thous. of dolls..	14,570	30,323	29,043	27,427	25,343	26,200	24,054	20,065	18,870	17,238	18,377	11,885	15,082	
Manufactures, finished.....thous. of dolls..	25,253	52,013	50,467	41,241	42,019	32,491	31,810	32,879	33,391	29,492	30,606	21,819	24,763	

TRANSPORTATION AND COMMUNICATIONS

TRANSPORTATION														
Express Operations														
Operating revenue.....thous. of dolls..		9,695	9,540	9,150	9,470	8,459	7,701	7,935	7,853	8,036	7,769	7,124		
Operating income.....thous. of dolls..		135	129	119	131	135	133	133	126	118	122	132		
Electric Street Railways														
Fares, average (320 cities).....cents..	8,229	8,206	8,225	8,225	8,225	8,255	8,225	8,225	8,231	8,225	8,225	8,235	8,219	
Passengers carried.....thousands..	633,118	734,422	795,443	745,280	803,216	766,176	724,195	773,079	747,930	739,799	680,723	621,001	614,081	
Operating revenues.....thous. of dolls..		55,966	59,704	56,211	59,970	56,686	53,423	56,797	53,486	52,440	48,625	44,650		

* Revised.

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

TRANSPORTATION AND COMMUNICATIONS—Continued

TRANSPORTATION—Continued														
Steam Railroads														
Freight carloadings (F. R. B.):														
Index, unadjusted.....1923-1925=100..	61	78	78	70	61	58	59	58	57	53	52	51	53	53
Coal.....1923-1925=100..	64	74	83	72	70	66	66	67	52	42	39	43	49	49
Coke.....1923-1925=100..	31	42	45	46	50	47	52	48	31	26	24	21	23	23
Forest products.....1923-1925=100..	25	37	33	31	25	25	27	27	27	26	24	21	21	21
Grain and products.....1923-1925=100..	82	83	82	80	62	66	74	62	66	62	58	84	83	83
Livestock.....1923-1925=100..	64	76	86	80	66	65	57	49	56	51	45	45	51	51
Merchandise, i. c. l.....1923-1925=100..	72	88	87	85	77	75	75	75	75	74	71	68	68	68
Ore.....1923-1925=100..	16	79	50	16	10	7	7	7	9	7	10	17	18	18
Miscellaneous.....1923-1925=100..	62	81	81	70	57	54	53	54	57	56	56	52	53	53
Index, adjusted.....1923-1925=100..	54	69	69	68	69	64	62	61	59	54	52	51	51	51
Coal.....1923-1925=100..	59	69	72	65	65	58	61	71	62	48	45	49	51	51
Coke.....1923-1925=100..	32	42	42	44	47	43	45	48	32	26	27	24	25	25
Forest products.....1923-1925=100..	24	35	33	33	30	28	27	27	26	24	22	21	20	20
Grain and products.....1923-1925=100..	68	68	74	76	63	69	78	72	86	76	66	70	68	68
Livestock.....1923-1925=100..	54	64	64	69	66	62	60	56	61	54	53	54	57	57
Merchandise, i. c. l.....1923-1925=100..	69	85	83	83	83	81	78	75	73	71	71	69	68	68
Ore.....1923-1925=100..	10	49	36	23	40	31	29	28	18	4	6	9	10	10
Miscellaneous.....1923-1925=100..	52	68	69	72	73	67	62	57	56	54	54	49	48	48
Total cars.....thousands..	2,245	2,908	3,813	2,620	2,273	2,270	2,245	2,287	2,773	2,088	1,966	2,422	2,665	2,665
Coal.....thousands..	414	497	727	486	471	461	460	485	461	298	267	361	338	338
Coke.....thousands..	14	19	28	21	23	23	25	24	19	13	12	13	11	11
Forest products.....thousands..	69	104	122	87	71	73	77	80	69	75	67	73	62	62
Grain and products.....thousands..	148	149	193	145	112	124	137	116	154	117	101	185	154	154
Livestock.....thousands..	81	96	145	104	87	88	76	66	93	69	60	72	67	67
Merchandise, i. c. l.....thousands..	681	1,840	1,081	806	742	747	732	749	931	728	682	816	676	676
Ore.....thousands..	24	121	102	25	15	12	11	11	17	10	14	31	28	28
Miscellaneous.....thousands..	813	1,081	1,415	946	753	742	728	750	998	778	764	872	728	728
Freight car surplus, total.....thousands..	599	564	535	659	751	742	722	705	728	751	773	764	708	708
Box.....thousands..	324	293	290	341	401	381	367	364	294	381	387	387	377	377
Coal.....thousands..	210	210	185	249	269	283	278	265	363	297	314	304	261	261
Equipment, mfrs. (See Trans. Equip.)														
Financial operations (Class I roads).														
Dividends paid. (See Finance.)														
Operating revenues.....thous. of dollars.....	350,335	363,206	305,385	288,631	275,371	267,272	290,029	267,817	254,741	246,237	237,813	252,102	194,987	194,987
Freight.....thous. of dollars.....	270,239	289,193	238,459	214,443	208,492	205,366	225,031	207,969	194,272	185,940	179,910	194,987	194,987	194,987
Passenger.....thous. of dollars.....	44,757	38,202	35,904	40,577	38,024	33,882	34,398	31,008	31,330	32,633	32,713	31,385	31,385	31,385
Operating expenses.....thous. of dollars.....	258,223	261,247	238,507	241,439	229,546	211,109	222,482	211,631	207,393	199,331	191,752	189,631	189,631	189,631
Net operating income.....thous. of dollars.....	55,319	64,020	36,580	21,263	11,714	22,043	32,280	20,624	11,951	12,653	11,597	28,568	28,568	28,568
Operating results (Class I roads):														
Freight carried 1 mile.....mills. of tons.....	27,847	30,588	25,086	22,663	22,853	21,732	23,580	21,255	19,870	18,668	19,065	20,046	20,046	20,046
Receipts per ton mile.....cents.....	1.049	1.046	1.035	1.037	1.017	1.047	1.061	1.090	1.086	1.104	1.051	1.051	1.051	1.051
Passengers carried 1 mile.....millions.....	1,900	1,541	1,468	1,641	1,506	1,401	1,407	1,308	1,425	1,462	1,613	1,613	1,613	1,613
Waterway Traffic														
Canals:														
Cape Cod.....short tons.....	214,607	197,997	221,308	209,864	221,673	178,121	168,189	190,484	233,186	212,887	200,724	213,769	213,907	213,907
New York State.....thous. of short tons.....	478	587	505	510	0	0	0	0	250	415	454	376	528	528
Panama, total.....thous. of long tons.....	1,347	1,755	1,763	1,578	1,649	1,594	1,645	1,644	1,444	1,677	1,405	1,260	1,349	1,349
U. S. vessels.....thous. of long tons.....	633	884	930	676	744	652	628	726	620	662	633	576	650	650
St. Lawrence.....short tons.....	1,061,042	710,753	794,975	663,636	31,756	0	0	0	278,926	884,380	904,567	822,378	937,612	937,612
Sault Ste. Marie.....thous. of short tons.....	3,807	7,126	6,248	3,049	284	0	0	0	369	1,568	1,988	2,638	3,095	3,095
Suez.....thous. of met. tons.....	1,813	2,019	1,964	2,075	2,136	1,766	2,043	2,045	1,891	1,816	1,966	1,893	1,893	1,893
Welland.....short tons.....	1,292,203	968,763	850,582	954,773	103,954	0	0	0	404,668	1,036,879	1,064,527	1,029,828	1,162,345	1,162,345
Rivers:														
Allegheny.....short tons.....	127,129	246,551	213,562	156,642	119,972	46,740	43,845	71,615	172,472	144,873	146,926	109,380	148,006	148,006
Mississippi (Govt. barges).....short tons.....	95,500	106,931	104,873	86,346	168,021	130,807	112,558	113,000	98,789	112,323	108,002	106,853	99,822	99,822
Monongahela.....thous. of short tons.....	697	962	1,135	998	891	780	723	794	850	654	571	562	601	601
Ohio (Pitts. to Wheeling).....short tons.....	445,787	635,571	603,544	548,640	463,164	338,716	319,266	298,394	445,731	438,244	391,517	366,607	430,366	430,366
Ocean traffic:														
Clearances, vessels in foreign trade														
Foreign.....thous. of net tons.....	6,837	6,461	5,605	4,866	4,910	4,032	5,240	5,313	5,619	5,685	5,751	6,194	6,194	6,194
United States.....thous. of net tons.....	4,359	4,041	3,309	3,137	3,129	3,157	3,184	3,277	3,403	3,644	3,691	4,053	4,053	4,053
Shipbuilding. (See Trans. Equip.).....thous. of net tons.....	2,478	2,420	2,296	1,729	1,781	1,774	2,056	2,036	2,217	2,041	2,060	2,141	2,141	2,141
Travel														
Hotel business:														
Average sale per occupied room.....dollars.....	3.16	3.55	3.51	3.56	3.39	3.38	3.46	3.27	3.28	3.12	3.11	3.09	3.24	3.24
Rooms occupied.....per cent of total.....	48	58	60	56	52	60	56	52	53	53	49	45	46	46
Foreign travel:														
Arrivals, U. S. citizens.....number.....	62,581	32,427	16,823	16,932	17,158	19,829	22,012	23,261	19,233	18,690	28,006	54,070	54,070	54,070
Departures, U. S. citizens.....number.....	42,247	35,016	23,224	24,351	25,016	22,920	24,718	19,980	22,152	28,357	59,298	57,887	57,887	57,887
Emigrants.....number.....	8,733	10,857	11,318	10,727	8,550	6,188	6,239	6,746	8,577	8,391	11,328	8,783	8,783	8,783
Immigrants.....number.....	5,017	3,913	2,899	2,642	2,220	1,984	2,103	2,469	2,479	2,586	2,079	2,719	2,719	2,719
Passports issued.....number.....	8,039	8,812	7,345	6,622	5,513	6,442	6,475	10,694	18,745	30,442	29,273	15,967	10,163	10,163
National parks:														
Visitors.....number.....	211,601	211,581	79,700	41,723	38,145	54,167	45,486	46,120	61,443	137,236	255,987	502,762	488,662	488,662
Automobiles.....number.....	57,226	51,914	18,867	7,514	6,909	9,617	8,204	7,951	12,026	33,578	123,179	133,025	125,973	125,973
Pullman Co.:														
Passengers carried.....thousands.....	1,969	1,674	1,526	1,677	1,643	1,424	1,404	1,286	1,270	1,300	1,276	1,323	1,323	1,323
Revenues, total.....thous. of dolls.....	5,409	4,499	4,238	4,852	4,580	4,039	3,806	3,621	3,558	3,757	3,608	3,475	3,475	3,475
COMMUNICATIONS														
Telephones (class A companies):														
Operating revenues.....thous. of dolls.....	94,665	96,704	93,275	95,272	91,811	89,039	91,683	89,815	88,583	86,725	82,187	82,690	82,690	82,690
Station revenues.....thous. of dolls.....	62,263	64,154	62,851	63,826	62,730	61,248	62,300	61,488	60,657	59,451	56,710	55,911	55,911	55,911
Tolls, message.....thous. of dolls.....	24,928	24,226	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 dolls.....	63,099	64,997	64,075	67,322	63,806	61,645	61,998	60,167	60,005	58,477	57,291	56,978	56,978	56,978
Operating income.....thous. of dolls.....	23,146	23,209	20,887	20,036	19,151	18,490	20,567	20,587	19,464	19,057	15,991	17,043	17,043	17,043
Stations in service, end of mo.....thousands.....	16,992	16,941	16,920	16,887	16,783	16,693	16,640	16,525	16,373	16,109	15,815	15,592	15,592	15,592
Telegraphs and cables:														
Operating revenues.....thous. of dolls.....	11,012	10,859	9,660	10,849	9,181	8,894	9,955	8,947	8,914	9,116	7,788	8,638	8,638	8,638
Commercial telegraph tolls.....thous. of dolls.....	8,441	8,243	7,387	8,298	7,058	6,771	7,573	6,861	6,867	6,997	5,844	6,545	6,545	6,545
Operating expenses.....thous. of dolls.....	10,067	9,531	8,564	9,490	8,469	8,040	6,605	8,114	8,126	8,002	7,918	7,646	7,646	7,646
Operating income.....thous. of dolls.....	567	951	722	994	326	469	961	443	399	725	d. 516	602	602	602

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931				1932							
	September	September	October	November	December	January	February	March	April	May	June	July	August
CHEMICALS AND ALLIED PRODUCTS													
CHEMICALS													
Alcohol:													
Denatured—													
Consumption (disposed of)													
Production.....thous. of wine gals.		6,436	9,610	10,153	12,430	5,033	3,800	5,225	3,960	4,296	2,990	5,253	8,679
Stocks, end of month.....thous. of wine gals.		6,922	9,147	9,476	11,413	5,226	3,966	4,555	4,089	4,868	5,300	6,203	8,172
Ethyl—													
Production.....thous. of proof gals.		3,807	3,330	2,642	1,629	1,823	1,987	1,517	1,640	2,199	4,500	5,461	5,016
Stocks, warehoused, end of month.....thous. of proof gals.		12,952	16,037	14,084	14,002	13,224	10,340	9,526	10,137	11,578	10,500	11,908	12,365
Withdrawn for denaturing.....thous. of proof gals.		15,885	15,130	12,690	5,870	9,153	12,574	14,026	16,215	18,490	19,000	20,071	18,079
Methanol, wood distilled—													
Crude—													
Production.....gallons		133,507	183,861	206,416	219,238	206,739	230,324	295,359	290,142	251,011	135,837	*111,113	98,872
Stocks, total.....gallons		485,094	583,975	529,425	521,660	525,866	429,718	473,466	519,113	369,786	511,120	*558,374	477,538
At crude plants.....gallons		378,991	466,975	410,439	390,425	294,376	313,985	329,384	395,533				
At refineries and in transit.....gallons		106,103	117,000	118,986	131,235	231,491	115,733	144,082	123,580				
Refined—													
Exports.....gallons	134,564	30,455	80,065	37,473	54,535	36,653	39,434	97,940	27,976	44,378	55,129	47,733	60,123
Price, wholesale, N. Y.....dolls. per gal.	.37	.35	.35	.35	.35	.35	.37	.37	.37	.37	.37	.37	.37
Production.....gallons		58,519	56,474	87,486	141,873	148,731	119,620	103,279	112,967	72,267	97,154	83,534	150,686
Shipments.....gallons		98,431	105,060	89,704	154,262	102,452	125,361	76,401	59,773	76,404	119,571	117,248	145,724
Stocks, end of month.....gallons		258,899	240,313	238,095	223,706	271,985	266,244	284,782	337,976	332,127	276,287	242,573	247,635
Methanol, synthetic—													
Production.....gallons		663,216	510,432	364,118	327,556	585,880	546,086	514,119	501,759	742,826	712,039	793,639	792,641
Shipments.....gallons		699,350	1,187,529	599,061	464,315	386,883	473,993	425,596	406,329	349,034	587,442	294,453	461,299
Stocks, end of month.....gallons		2,927,406	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
Explosives:													
Orders, new.....thous. of lbs.		25,803	26,970	22,657	18,648	19,095	17,655	17,965	17,814	16,290	14,499	14,700	18,012
Production.....thous. of lbs.		26,598	25,282	24,609	18,595	18,176	18,064	17,092	16,804	17,097	14,195	12,728	18,340
Shipments.....thous. of lbs.		27,408	25,610	24,035	18,087	16,143	17,488	17,154	17,795	17,030	13,963	14,121	19,401
Stocks, end of month.....thous. of lbs.		17,888	18,151	18,264	18,712	18,025	18,530	18,362	17,587	17,173	17,745	16,353	15,301
Sulphur and sulphuric acid:													
Sulphur, production (quarterly).....long tons		539,231			332,038			250,910			241,958		
Sulphuric acid (104 plants)—													
Consumed in prod. of fertilizer.....short tons		78,606	95,478	78,615	99,871	95,681	78,890	65,249	52,413	30,266	29,658	32,590	51,052
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		102,632	106,751	93,654	108,782	117,613	104,573	87,816	60,416	50,690	44,930	45,393	56,761
Purchases—													
From fertilizer mfrs.....short tons		12,988	18,802	18,665	14,644	15,865	8,795	5,591	6,850	1,954	2,315	7,514	12,404
From others.....short tons		9,655	14,553	14,119	15,906	14,654	7,670	13,867	13,867	1,974	13,978	13,677	6,170
Shipments—													
To fertilizer mfrs.....short tons		8,512	10,699	19,591	21,597	27,850	19,133	21,817	15,267	16,177	4,329	4,478	5,720
To others.....short tons		31,773	32,199	28,311	29,208	25,657	26,732	22,492	23,414	21,009	17,938	14,242	23,556
FERTILIZERS													
Consumption, Southern States.....thous. of short tons	97	91	94	66	67	172	365	644	868	156	68	14	40
Exports, total.....long tons	64,686	127,953	94,416	81,703	80,469	79,242	98,264	75,732	71,614	81,697	52,000	60,359	52,926
Nitrogenous.....long tons	32,591	7,554	13,462	3,284	11,877	19,600	32,114	3,243	11,063	4,105	12,255	7,633	15,234
Phosphate materials.....long tons	30,005	115,621	75,114	76,785	59,213	58,200	65,262	71,862	59,542	76,954	36,731	51,724	36,708
Prepared fertilizers.....long tons	374	915	300	67	200	22	133	81	149	69	114	306	172
Imports, total.....long tons	87,502	146,700	120,822	77,849	70,754	89,070	84,160	100,136	61,433	84,746	57,888	49,999	*57,886
Nitrogenous.....long tons	44,817	70,022	61,904	52,837	51,670	63,041	40,132	40,060	42,397	66,909	38,368	26,662	*26,264
Nitrate of soda.....long tons	517	48,590	33,968	29,871	17,029	30,114	8,404	54	2,675	37	647	100	0
Phosphates.....long tons	3,233	6,175	3,331	5,577	3,884	5,517	5,355	14,236	5,458	3,470	3,154	3,514	4,063
Potash.....long tons	33,534	66,440	50,071	12,872	11,998	16,268	35,729	41,834	10,501	12,279	7,533	18,172	23,650
Price, nitrate of soda, 95 per cent, N. Y.....dolls. per cwt.	1.220	2.050	1.770	1.770	1.770	1.770	1.770	1.770	1.770	1.770	1.770	1.770	1.633
Superphosphate, bulk:													
Production.....short tons	173,271	187,638	179,405	230,684	215,019	203,676	170,450	146,881	86,200	61,639	*69,813	112,919	
Shipments to consumers.....short tons	87,634	59,431	11,662	13,628	18,179	43,217	130,743	255,117	88,887	21,498	*10,774	12,275	
Stocks, end of month.....short tons	1,153,800	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	
NAVAL STORES													
Pine oil:													
Production.....gallons	231,115	172,539	176,973	140,690	169,695	162,330	130,046	162,253	161,121	201,628	189,752	201,608	189,132
Stocks, end of month.....gallons	(†)	1,845,125	1,859,713	1,828,913	1,814,948	1,789,303	1,723,947	1,736,534	1,750,720	(†)	(†)	(†)	(†)
Rosin, gum:													
Price, wholesale "B," N. Y.....dolls. per bbl.	3.65	3.87	3.80	3.96	3.61	3.30	3.23	3.44	3.20	3.04	3.15	3.23	3.41
Receipts, net, 3 ports.....bbls. (500 lbs.)	83,484	116,630	101,157	95,642	93,980	28,614	29,539	31,705	64,070	91,527	96,115	104,904	99,148
Stocks, 3 ports, end of month.....bbls. (500 lbs.)	356,985	459,588	465,466	497,438	486,863	426,508	383,354	347,591	337,221	350,472	366,318	371,797	386,664
Rosin, wood:													
Production.....bbls. (500 lbs.)	31,155	25,058	26,102	21,440	23,242	23,196	20,006	26,187	26,443	30,597	29,483	30,076	31,141
Stocks, end of month.....bbls. (500 lbs.)	102,422	108,350	101,537	93,142	92,258	94,331	91,762	90,540	88,479	92,695	96,314	104,448	104,990
Turpentine, gum:													
Price, wholesale, N. Y.....dolls. per gal.	.46	.37	.36	.40	.39	.40	.39	.45	.45	.44	.43	.41	.42
Receipts, net, 3 ports.....bbls. (50 gals.)	22,811	28,995	30,849	23,147	19,844	5,234	3,808	6,190	17,018	27,410	26,841	29,723	27,770
Stocks, 3 ports, end of month.....bbls. (50 gals.)	82,364	115,178	120,953	119,388	112,311	101,081	86,679	73,640	68,947	73,896	70,242	82,532	86,467
Turpentine, wood:													
Production.....bbls. (50 gals.)	5,020	3,797	3,922	3,547	3,733	3,626	3,121	4,329	4,415	5,151	4,827	4,878	4,861
Stocks, end of month.....bbls. (50 gals.)	7,054	4,817	8,231	5,143	6,002	6,392	6,132	5,835	5,636	5,267	5,560	7,412	6,930
OILS, FATS, AND ANIMAL BY-PRODUCTS													
Animal fats and by-products (quarterly):													
Animal fats—													
Consumption, factory.....thous. of lbs.	176,221				173,389			161,991			178,375		
Production.....thous. of lbs.	491,837				576,013			624,736			553,147		
Stocks, end of quarter.....thous. of lbs.	230,999				222,583			276,508			303,339		
Animal glues—													
Production.....thous. of lbs.	20,847				21,548			19,440			14,943		
Stocks, end of quarter.....thous. of lbs.	61,848				67,474			68,836			69,653		

* Revised.

† Discontinued.

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931				1932							
	September	September	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.													
Gelatin, edible—													
Production.....thous. of lbs.		1,625			4,574			5,406			3,924		
Stocks, end of quarter.....thous. of lbs.		6,543			8,312			10,089			10,457		
Greases—													
Consumption, factory.....thous. of lbs.		51,941			49,688			53,837			50,617		
Production.....thous. of lbs.		90,056			94,569			87,148			80,923		
Stocks, end of quarter.....thous. of lbs.		81,072			91,019			82,960			78,747		
Lard compounds and substitutes—													
Production.....thous. of lbs.		276,713			306,559			220,417			221,006		
Stocks, end of quarter.....thous. of lbs.		21,718			24,757			26,465			23,527		
Fish oils (quarterly)—													
Consumption, factory.....thous. of lbs.		52,497			40,893			34,810			35,103		
Production.....thous. of lbs.		29,847			17,677			6,648			5,938		
Stocks, end of quarter.....thous. of lbs.		247,638			237,933			202,733			183,960		
Vegetable oils and products:													
Vegetable oils, total—													
Consumption, factory (quarterly)													
Exports.....thous. of lbs.	2,029	455	1,814	1,070	1,230	2,461	6,163	828,452	1,245	1,607	615,691	2,815	867
Imports.....thous. of lbs.	44,195	50,633	59,225	66,677	56,748	56,509	67,169	21,426	61,660	62,891	58,231	61,377	55,978
Production (quarterly).....thous. of lbs.		440,865			1,033,007			758,101			403,439		
Stocks, end of quarter—													
Crude.....thous. of lbs.		591,342			679,049			695,188			553,546		
Refined.....thous. of lbs.		209,759			525,448			720,799			704,882		
Copra and coconut oils—													
Copra—													
Consumption, factory (quarterly)													
Imports.....short tons	16,397	19,832	19,352	20,953	15,622	23,955	23,805	21,400	16,244	10,894	11,074	13,283	14,482
Stocks, end of quarter.....short tons		23,795			25,106			25,837			11,838		
Coconut or copra oil—													
Consumption, factory—													
Crude, quarterly.....thous. of lbs.		137,730			142,435			138,489			124,120		
Refined, total (quarterly)													
Imports.....thous. of lbs.		78,496			78,039			64,327			59,171		
Imports.....thous. of lbs.		10,947	13,859	13,291	14,027	12,749	10,361	11,429	9,985	8,497	7,181	6,881	9,621
Production (quarterly)—		17,335	29,455	30,784	25,186	16,589	19,376	20,909	16,090	28,259	25,725	23,605	15,698
Crude.....thous. of lbs.		61,388			68,702			77,887			62,358		
Refined.....thous. of lbs.		68,682			70,170			57,361			54,351		
Stocks, end of quarter—													
Crude.....thous. of lbs.		201,036			188,352			191,389			178,229		
Refined.....thous. of lbs.		17,516			14,800			16,527			14,500		
Cottonseed and products:													
Cottonseed—													
Consumption (crush).....short tons	873,033	1,449,519	862,032	866,694	718,769	589,363	530,078	512,469	337,001	196,883	110,394	93,585	151,193
Receipts at mills.....short tons	968,757	1,870,881	1,570,250	1,258,704	549,170	368,589	268,010	299,613	155,469	74,110	66,129	36,279	119,936
Stocks at mills, end of month.....short tons	666,877	1,482,641	1,192,592	1,584,602	1,400,325	1,179,210	917,183	704,327	522,795	398,200	353,935	296,629	265,372
Cottonseed cake and meal—													
Exports.....short tons	12,622	10,260	39,829	56,060	38,563	23,187	5,792	12,150	12,752	4,965	8,084	2,119	3,027
Production.....short tons	256,555	220,728	385,190	387,573	322,283	266,534	237,056	230,261	157,002	91,193	51,228	44,035	70,271
Stocks at mills, end of month.....short tons	201,421	118,785	137,683	167,359	202,496	217,666	230,677	204,303	158,478	150,165	133,584	114,268	97,481
Cottonseed oil, crude—													
Production.....thous. of lbs.	173,198	135,681	269,031	270,412	226,178	185,976	169,826	163,907	116,793	67,670	39,689	30,738	45,539
Stocks, end of month.....thous. of lbs.	103,100	69,627	115,979	144,485	126,761	133,629	130,375	129,328	117,560	86,349	49,994	29,434	28,315
Cottonseed oil, refined—													
Consumption, factory (quarterly)													
Imports.....thous. of lbs.		232,420			297,179			220,753			223,273		
In oleomargarine.....thous. of lbs.		1,154	1,480	1,457	1,530	1,363	1,297	1,438	1,245	1,137	986	931	1,241
Price, summer yellow, prime													
N. Y.....dolls. per lb.	.045	.044	.045	.047	.042	.039	.040	.040	.035	.032	.033	.038	.045
Production.....thous. of lbs.	81,183	63,989	206,643	226,631	225,951	155,577	161,114	136,804	112,900	89,717	70,470	54,112	38,273
Stocks, end of month.....thous. of lbs.	503,199	173,945	231,079	346,559	489,866	555,211	632,618	682,487	704,598	705,361	671,755	625,731	525,303
Flaxseed and products:													
Flaxseed—													
Imports, United States.....thous. of bush.	603	2,469	1,468	1,234	196	720	1,104	744	1,551	829	511	103	20
Minneapolis and Duluth—													
Receipts.....thous. of bush.	2,795	2,766	1,452	1,026	316	197	119	141	190	364	347	175	2,486
Shipments.....thous. of bush.	1,428	786	924	1,159	541	199	124	109	24	193	267	306	519
Stocks, end of month.....thous. of bush.	3,265	1,381	1,422	1,605	872	649	508	552	684	822	902	763	1,565
Oil mills—													
Consumption, quarterly.....thous. of bush.		7,610			7,112			5,393			3,507		
Stocks, end of quarter.....thous. of bush.		4,241			3,721			1,503			1,454		
Price, No. 1, Minn.....dolls. per lb.	1.11	1.37	1.32	1.46	1.43	1.41	1.40	1.40	1.35	1.21	1.05	.98	1.01
Production, crop estimate.....thous. of bush.	13,210				11,071								
Stocks, Argentina, end of month													
Linseed cake and meal—													
Exports.....thous. of lbs.	5,923	48,615	49,027	42,782	32,838	20,563	34,265	38,116	23,863	20,373	20,787	30,536	19,372
Shipments from Minneapolis													
Imports.....thous. of lbs.	14,338	17,385	14,354	18,019	14,518	9,773	6,528	4,405	5,082	3,932	3,665	7,610	12,960
Linseed oil—													
Consumption, factory (quarterly)													
Imports.....thous. of lbs.		70,504			57,354			59,167			65,253		
Price, wholesale, N. Y.....dolls. per lb.	.061	.076	.073	.075	.071	.067	.065	.067	.066	.061	.059	.056	.055
Production (quarterly).....thous. of lbs.		141,205			130,479			99,783			65,764		
Shipments from Minneapolis													
Imports.....thous. of lbs.	7,257	6,806	4,410	4,125	3,152	4,782	4,440	5,126	7,525	7,007	4,666	3,433	4,752
Stocks at factory, end of quarter													
Imports.....thous. of lbs.		107,508			154,490			166,424			116,082		
Oleomargarine:													
Consumption (tax paid withdrawals)													
Imports.....thous. of lbs.	16,211	19,499	23,401	22,838	22,831	19,892	18,351	17,703	16,768	14,273	10,945	11,360	15,020
Price, standard, uncolored, Chicago													
Imports.....dolls. per lb.	.095	.119	.127	.133	.134	.128	.068	.095	.095	.095	.095	.091	.093
Production.....thous. of lbs.		18,836	23,965	22,138	23,173	20,388	17,232	18,973	16,684	14,338	12,111	11,408	16,016

* Revised.

* As of Dec. 1.

* As of Oct. 1.

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931				1932								
	Septem-ber	Septem-ber	October	Novem-ber	Decem-ber	January	Febru-ary	March	April	May	June	July	August	
CHEMICALS AND ALLIED PRODUCTS—Continued														
PAINTS														
Paints, varnish, and lacquer products:*														
Total sales (588 estab.).....thous. of dolls.....	21,948	20,742	16,492	13,486	15,895	16,271	19,089	22,612	24,981	19,637	² 14,430	16,014		
Classified (315 estab.).....thous. of dolls.....	14,680	13,956	11,419	9,555	10,871	11,256	11,309	13,330	14,660	13,419	² 9,852	10,763		
Industrial.....thous. of dolls.....	5,638	5,370	4,453	4,478	4,697	4,626	4,499	4,639	4,866	4,685	² 3,793	3,852		
Trade.....thous. of dolls.....	8,956	8,499	6,915	5,036	6,119	6,563	6,810	8,691	9,794	8,734	6,059	6,911		
Unclassified.....thous. of dolls.....	(†) 86	86	50	41	53	67	(†)	(†)	(†)	(†)	(†)	(†)		
Unclassified (273 estab.).....thous. of dolls.....	7,268	6,786	5,074	3,931	5,024	5,025	7,780	9,282	10,321	6,218	² 4,578	5,251		
Plastic, cold-water paints, and calcimines:														
Sales—														
Calcimines.....dollars.....	161,743	145,374	98,634	70,755	96,574	94,199	120,355	146,674	126,685	93,052	75,228	102,277		
Plastic paints.....dollars.....	63,924	75,886	67,420	40,890	56,696	51,673	54,373	60,322	65,309	78,961	82,639	64,159		
Cold-water paints.....dollars.....	81,037	65,275	52,170	43,492	52,566	56,935	71,232	72,546	67,990	59,870	45,281	52,829		
ROOFING														
Dry roofing felt:														
Production.....short tons.....	18,356	16,116	12,028	9,181	10,277	12,126	14,032	14,603	14,779	13,103	12,136	18,474		
Stocks, end of month.....short tons.....	4,834	5,021	5,456	5,768	5,188	4,787	4,910	4,892	4,911	5,388	4,909	4,078		
Prepared roofing, shipments:														
Total.....thous. squares.....	2,597	2,302	1,765	983	1,774	1,761	1,918	2,367	1,625	1,524	1,718	2,837		
Grit roll.....thous. squares.....	711	574	374	197	390	425	503	634	381	374	396	672		
Shingles (all types).....thous. squares.....	689	600	393	214	287	248	311	530	508	433	453	707		
Smooth roll.....thous. squares.....	1,198	1,128	998	571	1,097	1,088	1,103	1,202	736	717	870	1,457		

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	7,540	7,765	7,406	7,773	7,543	7,002	7,302	6,779	6,635	² 6,549	² 6,526	6,740		
By source—														
Fuels.....mills. of kw.-hours	5,343	5,706	5,299	5,064	4,447	4,026	4,202	3,651	3,618	² 3,868	² 3,847	4,160		
Water power.....mills. of kw.-hours	2,197	2,059	2,107	2,709	3,096	2,976	3,100	3,128	3,017	2,681	² 2,679	2,580		
By type of producer:														
Central stations.....mills. of kw.-hours	7,095	7,347	6,995	7,340	7,083	6,533	6,805	6,340	6,215	² 6,134	² 6,102	6,304		
Street railways, manufacturing plants, etc.mills. of kw.-hours	445	418	411	433	460	469	497	439	420	415	424	436		
Sales of electrical energy:														
Sales to ultimate consumers, total (N. E. L. A.).....mills. of kw.-hours	5,942	6,003	5,881	5,919	5,887	5,622	5,478	5,309	5,098	5,022	4,969	5,045		
Domestic service.....mills. of kw.-hours	880	974	1,078	1,156	1,252	1,124	1,037	998	912	869	854	838		
Commercial—retail.....mills. of kw.-hours	1,063	1,134	1,146	1,175	1,251	1,150	1,085	1,071	1,007	981	1,007	1,016		
Commercial—wholesale.....mills. of kw.-hours	3,365	3,205	2,969	2,830	2,629	2,640	2,637	2,605	2,580	2,617	2,550	2,617		
Municipal and street lighting mills. of kw.	193	209	220	234	253	230	211	193	179	156	163	175		
Railroads—														
Electrified steam.....mills. of kw.-hrs.	44	52	49	53	49	48	49	44	43	42	41	42		
Street and interurban mills. of kw.-hrs.	340	370	363	401	399	379	408	353	334	314	309	311		
Gross revenue from sales of energy (Electrical World).....thous. of dolls.	171,930	178,630	180,610	184,870	188,010	175,110	168,280	164,860	158,300	154,960	152,370	-----		
Revenues from ultimate consumers (N. E. L. A.).....thous. of dolls.	158,058	164,972	168,617	171,802	174,990	164,206	157,142	153,364	146,308	143,396	140,986	140,256		
GAS														
Manufactured gas (150 companies):														
Customers, total.....thousands	8,938	8,910	8,888	8,828	8,808	8,790	8,763	8,777	8,734	8,750	8,668	8,639		
Domestic.....thousands	8,492	8,446	8,420	8,358	8,329	8,315	8,294	8,309	8,269	8,295	8,220	8,195		
House heating.....thousands	37	45	48	50	52	51	51	50	46	41	37	37		
Industrial and commercial.....thousands	404	411	413	414	422	421	412	412	413	408	405	400		
Sales, to consumers.....millions of cu. ft.	25,985	27,820	28,527	29,339	30,708	29,360	30,661	29,974	28,123	26,656	24,083	22,340		
Domestic.....millions of cu. ft.	19,590	20,873	20,526	20,396	20,982	19,536	20,539	20,689	20,551	20,235	18,449	17,044		
House heating.....millions of cu. ft.	167	532	1,344	2,236	2,861	2,899	3,186	2,625	1,260	436	203	150		
Industrial and commercial.....millions of cu. ft.	6,087	6,241	6,490	6,507	6,690	6,747	6,774	6,520	6,185	5,877	5,326	5,019		
Revenues from sales to consumers														
Domestic.....thous. of dolls.	28,681	30,195	30,331	30,602	31,936	30,414	31,660	31,288	30,019	28,891	26,520	24,823		
House heating.....thous. of dolls.	23,133	24,291	23,611	23,299	24,092	22,514	23,590	23,858	23,677	23,436	21,666	20,249		
Industrial and commercial.....thous. of dolls.	160	447	1,055	1,650	2,054	2,052	2,210	1,796	940	351	181	137		
Natural gas (125 companies):														
Customers, total.....thousands	4,268	4,272	4,312	4,315	4,324	4,348	4,323	4,297	4,304	4,242	4,210	4,188		
Domestic.....thousands	4,068	4,072	4,105	4,103	4,110	4,123	4,100	4,076	4,086	4,031	4,003	3,984		
Industrial and commercial.....thousands	199	199	205	211	213	224	222	219	216	209	205	203		
Sales to consumers.....millions of cu. ft.	33,823	37,628	43,908	52,024	54,805	52,226	51,739	46,754	37,256	33,033	29,193	29,242		
Domestic.....millions of cu. ft.	11,185	13,662	19,924	27,647	30,940	29,278	29,051	25,377	18,288	13,709	10,898	10,076		
Industrial and commercial.....millions of cu. ft.	22,200	23,538	23,593	23,733	23,451	22,503	22,182	20,978	18,625	19,109	18,022	18,887		
Revenues, from sales to consumers														
Domestic.....thous. of dolls.	13,490	15,276	19,250	24,404	26,441	25,853	24,889	22,158	17,606	14,495	12,369	11,942		
House heating.....thous. of dolls.	8,792	10,349	14,006	18,757	20,623	19,975	19,104	16,957	13,227	10,396	8,592	8,139		
Industrial and commercial.....thous. of dolls.	4,647	4,876	5,153	5,579	5,754	5,779	5,689	5,136	4,335	4,066	3,742	3,763		

* Since March, 1932, detailed figures are not strictly comparable owing to changes in firms reporting.

† Discontinued.

² Revised.

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement of the Survey	1932	1931					1932							
	September	September	October	November	December	January	February	March	April	May	June	July	August	
FOODSTUFFS AND TOBACCO														
DAIRY PRODUCTS														
Butter:														
Consumption, apparent.....thous. of lbs..	187,723	192,212	187,114	160,638	171,991	157,136	156,087	170,544	176,700	223,862	202,381	197,104	202,714	
Price, N. Y., wholesale (92 score).....dolls. per lb..	.21	.33	.34	.31	.31	.24	.22	.23	.20	.19	.17	.18	.20	
Production (factory).....thous. of lbs..	124,009	120,921	121,052	112,002	121,054	119,324	117,684	127,268	136,556	182,659	186,997	158,608	144,506	
Receipts, 5 markets.....thous. of lbs..	43,022	42,863	43,857	44,925	47,194	48,895	49,071	50,140	49,915	75,552	71,712	57,333	52,082	
Stocks, cold storage, creamery, end of month.....thous. of lbs..	89,459	80,152	56,229	42,242	26,643	22,527	15,243	9,034	10,394	29,160	84,269	110,247	107,259	
Cheese:														
Consumption, apparent.....thous. of lbs..	44,885	46,505	50,202	42,519	37,257	38,014	42,174	45,072	44,258	53,146	46,783	41,030	45,243	
Imports.....thous. of lbs..	4,665	5,517	7,179	6,057	5,195	3,739	3,580	4,768	5,280	4,338	3,802	3,342	1,079	
Price, No. 1 Amer. N. Y.....dolls. per lb..	.14	.12	.16	.15	.14	.13	.13	.13	.12	.12	.11	.12	.14	
Production (factory).....thous. of lbs..	41,569	38,386	41,480	33,424	26,725	25,705	28,481	33,744	35,756	50,328	58,840	46,778	44,534	
American whole milk.....thous. of lbs..	31,009	29,058	29,215	22,849	18,735	21,017	21,732	26,514	28,685	38,731	46,216	36,519	34,191	
Receipts, 5 markets.....thous. of lbs..	12,771	11,949	13,588	10,569	9,304	11,361	12,075	11,760	10,764	13,972	15,731	16,492	14,856	
Stocks, cold storage, end of month.....thous. of lbs..	81,102	83,426	81,743	78,565	73,289	65,707	55,568	54,021	50,764	52,118	66,531	76,327	79,847	
American whole milk.....thous. of lbs..	68,167	65,802	63,968	60,583	55,775	49,388	41,712	36,782	38,951	40,461	53,922	63,667	66,721	
Milk:														
Condensed and evaporated—														
Production, total.....thous. of lbs..	130,151	119,741	139,197	115,920	116,379	114,039	117,618	134,226	161,324	202,707	206,519	170,568	156,130	
Condensed, total.....thous. of lbs..	16,954	21,242	24,263	18,274	17,763	18,599	17,260	17,200	21,476	21,802	22,501	16,692	21,403	
Evaporated, total.....thous. of lbs..	113,197	85,507	114,934	97,646	98,616	95,440	100,358	117,026	139,848	180,905	184,018	153,876	134,727	
Exports, total.....thous. of lbs..	3,144	4,965	4,790	5,653	5,600	6,812	5,405	5,149	4,376	5,431	3,608	3,344	3,267	
Condensed.....thous. of lbs..	570	1,309	1,180	1,443	1,233	2,310	1,404	922	1,169	1,619	614	656	542	
Evaporated.....thous. of lbs..	2,574	3,659	3,610	4,240	4,367	4,502	4,064	4,227	3,207	3,812	2,994	2,687	2,725	
Prices, wholesale, N. Y.—														
Condensed.....dolls. per case..	4.68	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.55	4.75	4.72	
Evaporated.....dolls. per case..	2.25	3.00	3.00	3.00	3.00	2.98	2.98	2.80	2.75	2.57	2.45	2.33	2.25	
Stocks, manufacturers, end of month, total.....thous. of lbs..	205,409	167,764	157,061	163,552	152,446	145,303	132,257	115,889	134,848	188,532	246,273	259,978	223,757	
Condensed—														
Bulk goods.....thous. of lbs..	10,540	11,007	10,032	8,607	7,929	8,275	7,931	6,928	7,629	8,865	13,856	12,634	12,308	
Case goods.....thous. of lbs..	18,672	20,349	17,264	15,130	12,506	9,145	7,467	9,573	9,532	15,246	19,986	21,447	20,537	
Evaporated—														
Case goods.....thous. of lbs..	176,197	136,408	129,802	139,844	132,011	127,883	116,859	101,388	117,687	164,421	212,431	225,897	190,912	
Fluid milk—														
Consumption in oleomargarine.....thous. of lbs..		4,849	6,142	5,625	5,948	5,106	4,265	4,671	4,107	3,512	2,890	2,781	3,792	
Production, Minn. and St. Paul.....thous. of lbs..		21,751	25,224	26,854	31,732	35,051	33,853	36,010	33,497	38,606	34,227	25,887	22,381	
Receipts—														
Boston, incl. cream.....thous. qts..		19,598	19,558	18,529	19,028	19,267	18,337	20,247	19,450	20,715	19,766	20,017	19,799	
Greater New York.....thous. qts..		122,776	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..	256	854	970	712	725	261	251	279	599	390	221	310	316	
Orders, net, new.....thous. of lbs..	9,841	14,331	9,914	8,494	8,486	8,126	7,973	10,239	10,235	10,354	11,681	10,960	11,312	
Stocks, mfrs. end of mo.....thous. of lbs..	21,506	26,711	23,572	23,305	24,198	25,969	25,546	24,576	23,603	23,929	26,226	27,918	24,918	
FRUITS AND VEGETABLES														
Exports, fruits and preparations. (See Foreign trade.)														
Apples:														
Production, crop estimate.....thous. of bush..	133,824				202,415									
Shipments, car-lot.....carloads..	8,457	13,037	31,470	14,516	7,247	8,149	8,197	6,396	3,728	2,415	1,412	2,589	1,735	
Stocks, cold storage, end of month.....thous. of bbls..	1,780	2,143	10,705	11,399	10,041	7,807	5,419	3,243	1,719	673	151	54	98	
Citrus fruit, car-lot shipments.....carloads..	5,621	5,896	9,493	13,439	15,614	12,270	13,680	16,672	13,709	12,094	8,382	8,046	6,063	
Onions, car-lot shipments.....carloads..	3,610	4,013	4,078	2,318	2,198	2,120	1,603	838	2,552	4,361	2,402	1,532	1,419	
Potatoes:														
Price, white, N. Y.....dolls. per 100 lbs..	.913	1.015	.965	1.049	1.142	1.198	1.181	1.347	1.193	1.086	.837	1.073	.921	
Production, crop estimate.....thous. of bush..	356,847				375,618									
Shipments, car-lot.....carloads..	12,738	17,701	24,760	14,419	13,138	17,465	18,638	24,581	21,144	18,141	21,996	15,704	8,277	
GRAINS														
Exports, principal grains, including flour and meal.....thous. of bush..	5,060	13,124	17,296	14,999	12,578	8,411	8,353	8,993	12,922	10,211	9,724	6,672	8,676	
Barley:														
Exports, including malt.....thous. of bush..	1,028	717	768	234	276	129	113	188	212	673	465	812	995	
Price, No. 2, Minn.....dolls. per bush..	.32	.50	.50	.51	.51	.51	.52	.53	.51	.44	.35	.31	.31	
Production, crop estimate.....thous. of bush..	313,407				198,185									
Receipts, principal markets.....thous. of bush..	4,631	4,432	4,685	2,079	1,531	1,202	1,156	2,041	1,711	1,226	922	888	6,037	
Visible supply, end of month.....thous. of bush..	6,625	4,138	4,770	4,963	4,226	4,030	3,536	2,857	2,512	2,307	1,392	1,812	4,616	
Corn:														
Exports, including meal.....thous. of bush..	312	165	256	508	120	177	291	220	511	311	653	381	697	
Grindings.....thous. of bush..	5,981	5,912	6,318	6,348	4,630	5,130	5,344	5,045	4,687	4,920	4,552	4,552	5,165	
Prices, wholesale—														
No. 3, yellow (Kansas City).....dolls. per bush..	.29	.46	.40	.46	.39	.39	.36	.34	.34	.34	.33	.35	.33	
No. 3, white (Chicago).....dolls. per bush..	.30	.44	.39	.43	.38	.37	.35	.33	.32	.32	.30	.32	.32	
Production, crop estimate.....thous. of bush..	2,884,682				2,563,271									
Receipts, principal markets.....thous. of bush..	19,391	8,447	14,414	11,741	10,767	10,421	13,561	10,914	9,941	9,607	5,399	7,319	14,300	
Shipments, principal markets.....thous. of bush..	11,177	6,364	7,211	4,884	4,346	3,603	2,921	2,916	5,836	6,686	5,684	9,100	5,280	
Visible supply, end of month.....thous. of bush..	19,545	5,592	7,364	10,079	13,192	14,736	18,929	23,451	23,199	21,323	17,052	11,716	15,065	
Oats:														
Exports, including oatmeal.....thous. of bush..	522	627	857	850	255	133	89	149	142	235	312	448	1,215	
Price, No. 3, white, Chicago.....dolls. per bush..	.17	.22	.23	.26	.25	.25	.24	.22	.23	.23	.21	.18	.17	
Production, crop estimate.....thous. of bush..	2,265,341				2,112,037									
Receipts, principal markets.....thous. of bush..	9,716	7,398	7,090	4,532	4,028	4,845	5,721	4,543	5,432	6,513	3,778	7,937	22,446	
Visible supply, end of month.....thous. of bush..	29,042	17,468	18,695	17,863	16,710	16,846	17,808	15,523	13,506	11,323	10,174	13,307	27,259	
Rice:														
Exports.....pockets (100 lbs.).....	101,676	87,630	322,302	380,658	193,200	148,002	203,622	263,495	357,561	315,541	261,230	235,032	133,209	
Imports.....pockets (100 lbs.).....	6,231	3,756	9,397	11,859	34,081	32,111	15,663	26,565	23,886	10,310	9,360	3,440	2,378	
Price, wholesale, head, clean, New Orleans.....dolls. per lb..	.022	.028	.026	.028	.030	.029	.027	.024	.022	.022	.023	.020	.020	
Production, crop estimate.....thous. of bush..	37,684				45,226									

* Revised. * As of Dec. 1. * As of Oct. 1. * Bulk evaporated milk not included since December, 1931. * New series. See p. 20 of this issue for earlier data.

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

FOODSTUFFS AND TOBACCO—Continued

GRAINS—Continued													
Rice—Continued.													
Receipts, southern paddy, at mills													
thous. of bbls. (162 lbs.)		1,455	1,810	1,408	632	569	734	812	544	703	343	223	
Shipments to mills, total													
thous. of pockets (100 lbs.)		875	1,396	1,216	758	720	837	859	765	698	602	526	
New Orleans, thous. of pockets (100 lbs.)	83	139	200	136	79	57	99	102	77	80	46	66	96
Stocks, domestic, end of month													
thous. of pockets (100 lbs.)		1,305	1,805	2,051	1,987	1,906	1,855	1,862	1,788	1,825	1,628	1,353	
Rye:													
Exports, including flour, thous. of bush.	1	27	9	27	3	10	8	1	280	228	293	259	1
Price, No. 2, Minneapolis, dolls. per bush.	.34	.39	.41	.51	.45	.46	.46	.47	.45	.39	.32	.32	.34
Production, crop estimate, thous. of bush.	42,453				32,514								
Receipts, principal markets, thous. of bush.	991	1,228	1,208	707	374	350	296	548	396	882	344	353	1,458
Visible supply, end of month, thous. of bush.	8,700	8,922	9,186	9,131	9,025	10,085	10,006	10,124	9,493	9,416	9,368	8,955	9,052
Wheat:													
Exports—													
Wheat, including flour, thous. of bush.	4,226	11,588	15,406	13,380	11,924	7,962	7,852	8,435	11,777	8,764	8,001	4,772	5,768
Wheat only, thous. of bush.	2,479	8,397	11,873	9,519	7,896	4,074	4,649	5,749	9,354	7,283	6,088	3,208	3,899
Value, wheat and flour. (See Foreign Trade.)													
Prices, wholesale—													
No. 1, northern, spring, Minn.													
dolls. per bush.	.58	.69	.71	.80	.73	.75	.75	.70	.71	.68	.60	.57	.58
No. 2, red, winter, St. Louis													
dolls. per bush.	.54	.47	.52	.62	.57	.57	.57	.55	.57	.56	.49	.47	.53
No. 2, hard, winter, K. C.	.48	.43	.48	.59	.52	.53	.54	.51	.53	.54	.46	.45	.48
Weighted average, 6 markets, all grades													
dolls. per bush.	.55	.56	.58	.69	.60	.61	.50	.58	.60	.61	.53	.48	.55
Production, crop estimate, total													
thous. 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.	38,410	38,877	32,658	26,405	13,766	17,072	25,000	13,412	13,198	15,344	13,473	41,006	40,732
Shipments, thous. of bush.	21,313	28,325	26,851	29,470	15,470	11,005	11,537	9,562	13,221	15,042	11,507	17,294	19,648
Stocks, visible supply, world, thous. of bush.		500,400	529,100	541,400	608,900	631,600	612,100	595,800	529,700	488,200	444,800	408,200	423,600
Canada, thous. of bush.	179,122	122,199	161,912	189,675	191,180	187,974	180,966	181,445	165,533	147,927	138,890	121,005	108,522
United States, thous. of bush.	193,931	239,431	231,049	230,147	220,521	211,873	210,147	202,383	182,757	171,775	166,651	177,876	188,238
Stocks, held by mills (quarterly)													
thous. of bush.	139,002				129,994			95,119			77,936		
Wheat flour:													
Consumption (computed), thous. of bbls.		9,898	10,462	9,334	9,393	7,604	7,612	8,296	8,022	8,146	7,771	8,116	
Exports, thous. of bbls.	372	709	785	858	895	864	712	597	539	329	425	347	415
Grinding of wheat, thous. of bush.		44,569	47,463	45,230	37,157	37,290	35,130	38,669	37,559	35,344	35,805	36,023	41,423
Prices, wholesale—													
Standard Patents, Minn., dolls. per bbl.	4.14	4.24	4.28	4.84	4.51	4.59	4.61	4.37	4.49	4.43	4.16	4.02	4.16
Winter, straights, Kansas City													
dolls. per bbl.	3.21	2.96	3.10	3.03	3.22	3.40	3.30	3.09	3.08	3.35	3.12	3.10	3.24
Production—													
Flour, actual (Census), thous. of bbls.		9,735	10,399	9,891	8,148	8,180	7,692	8,483	8,197	7,739	7,820	7,828	9,006
Flour, prorated, total (Russell's)													
thous. of bbls.	10,611	11,112	10,167	8,890	8,788	8,084	8,913	8,631	8,330	8,056	8,473		
Offal, thous. of lbs.	781,318	828,114	789,737	645,812	645,881	610,366	671,853	659,666	616,096	627,664	631,452	731,445	
Operations, per cent of total capacity		61	60	65	49	49	51	50	60	49	48	50	53
Stocks, total, end of month (computed)													
thous. of bbls.	6,135	6,000	5,975	4,577	5,120	4,880	4,900	4,975	4,830	4,660	4,700		
Held by mills (quarterly), thous. of bbls.	3,532				4,126			3,918			3,191		
LIVESTOCK AND MEATS													
Total meats:													
Consumption, apparent, mills. of lbs.	1,097	1,067	1,194	1,020	1,080	1,098	955	1,015	1,032	1,033	1,018	956	1,002
Exports, value of meats and fats. (See Foreign Trade.)													
Production (inspected slaughter)													
mills. of lbs.	1,038	964	1,125	1,085	1,352	1,301	1,183	1,052	1,083	1,094	1,000	910	955
Stocks, cold storage, end of month total													
mills. of lbs.	636	638	506	523	736	875	1,035	1,011	1,012	1,020	938	844	751
Miscellaneous meats, thous. of lbs.	40,142	56,881	48,744	50,664	65,579	60,249	76,368	65,901	60,028	59,625	54,745	51,570	45,419
Cattle and beef:													
Beef and veal—													
Consumption, apparent, thous. of lbs.	404,722	404,928	449,043	343,245	370,927	380,079	340,516	372,060	386,406	369,054	375,236	354,023	364,867
Exports, thous. of lbs.	1,018	2,077	1,604	1,189	1,046	1,202	883	902	926	1,827	1,211	1,332	1,130
Price, wholesale—													
Beef, fresh native steers, Chicago													
dolls. per lb.	.143	.148	.156	.164	.157	.145	.130	.130	.128	.119	.118	.142	.144
Production, inspected slaughter													
thous. of lbs.	404,123	400,751	446,798	349,598	393,399	377,068	339,915	366,403	379,758	362,834	360,524	350,521	360,441
Stocks, cold storage, end of month													
thous. of lbs.	26,013	35,171	34,407	39,158	53,199	51,285	51,107	46,346	41,226	35,655	29,909	26,719	24,376
Cattle and calves—													
Movement, primary markets—													
Receipts, thous. of animals	1,689	1,798	2,137	1,866	1,453	1,376	1,281	1,377	1,376	1,397	1,338	1,291	1,606
Slaughter, local, thous. of animals	916	960	1,033	905	908	876	841	886	879	895	875	783	924
Slaughter, inspected. (See Leather and leather products.)													
Shipments, total, thous. of animals	773	860	1,100	905	608	478	427	483	496	483	461	492	656
Stock and feeder, thous. of animals	390	390	581	487	246	130	110	125	138	135	105	149	280
Price, wholesale, cattle, corn fed, Chicago													
dolls. per 100 lbs.	8.96	8.66	9.25	10.20	9.34	8.97	7.98	7.61	7.51	6.89	7.38	8.61	8.73
Hogs and products:													
Hogs—													
Hog movement, primary markets—													
Receipts, thous. of animals	2,505	2,727	3,462	3,752	4,210	4,218	3,659	2,939	2,960	3,050	2,545	2,159	2,405
Slaughter, local, thous. of animals	1,739	1,663	2,142	2,297	2,806	2,707	2,464	1,968	2,024	2,188	1,773	1,445	1,658
Slaughter, inspected. (See Leather and leather products.)													
Shipments, total, thous. of animals	761	1,062	1,324	1,427	1,426	1,510	1,188	969	941	854	918	715	739
Stock and feeder, thous. of animals	21	55	72	62	40	35	37	30	28	31	26	22	21
Price, heavy, Chicago, dolls. per 100 lbs.	4.12	5.71	5.41	4.64	4.22	3.91	3.77	4.22	3.75	3.26	3.70	4.86	4.23

* Revised.

* As of Dec. 1.

* As of Oct. 1.

* New Series. See p. 20 of this issue for earlier data.

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	September	September	October	November	December	January	February	March	April	May	June	July	August
FOODSTUFFS AND TOBACCO—Continued													
LIVESTOCK AND MEATS—Continued													
Hogs and products—Continued.													
Pork, including lard—													
Consumption, apparent.....thous. of lbs.	629,753	601,367	679,011	620,021	639,966	653,596	558,845	585,935	586,533	609,273	587,485	551,136	2 579,170
Exports, total.....thous. of lbs.	53,500	48,550	66,134	48,224	75,954	69,020	76,728	51,659	45,955	53,657	57,634	48,722	42,815
Lard.....thous. of lbs.	44,789	37,790	43,547	35,205	65,598	59,854	66,674	43,200	36,014	41,084	45,330	34,886	34,973
Prices—													
Hams, smoked, Chicago.....dolls. per lb.	.137	.186	.182	.172	.153	.138	.147	.144	.142	.136	.130	.131	.141
Lard, prime contract, N. Y. dolls. per lb.	.054	.075	.080	.071	.055	.055	.052	.051	.048	.043	.044	.054	.055
Production, inspected slaughter, total.....thous. of lbs.	571,476	502,673	611,172	678,452	898,597	860,315	786,802	629,420	644,271	676,267	575,327	509,181	536,291
Lard.....thous. of lbs.	105,696	97,114	116,124	125,859	174,090	171,331	164,152	130,158	129,091	137,816	124,753	103,411	102,679
Stocks, cold storage, end of mo.....thous. of lbs.	567,941	544,183	420,661	431,387	614,530	752,581	905,320	897,832	910,071	923,969	852,634	764,670	2 679,453
Fresh and cured.....thous. of lbs.	497,359	474,887	380,895	396,563	563,306	674,151	812,459	792,197	799,064	795,866	722,271	643,052	2 578,876
Lard.....thous. of lbs.	70,582	69,296	39,766	34,824	51,224	78,430	92,861	105,635	111,007	128,103	130,363	121,618	2 100,577
Sheep and lamb:													
Lamb and mutton—													
Consumption, apparent.....thous. of lbs.	62,130	60,792	66,436	56,499	59,683	64,275	55,997	56,574	59,049	54,868	55,256	50,419	2 58,415
Production, inspected slaughter.....thous. of lbs.	62,823	60,754	66,546	56,545	60,047	63,934	55,851	56,040	58,876	54,847	55,268	50,438	58,713
Stocks, cold storage, end of mo.....thous. of lbs.	1,982	1,908	1,975	1,985	2,318	1,947	1,784	1,222	1,061	1,018	1,010	1,012	2 1,305
Sheep and lamb movement, primary markets—													
Receipts.....thous. of animals	3,239	3,900	3,956	2,811	2,182	2,363	2,035	2,115	2,412	2,429	2,428	2,240	2,919
Slaughter, local.....thous. of animals	1,330	1,461	1,487	1,281	1,305	1,381	1,233	1,185	1,269	1,360	1,338	1,199	1,447
Slaughter, inspected. (See Leather and leather products.)													
Shipments, total.....thous. of animals	1,892	2,455	2,471	1,520	919	988	796	922	1,155	1,072	1,087	1,049	1,457
Stock and feeder.....thous. of animals	535	2 1,262	1,181	655	182	124	80	77	143	100	172	181	460
Prices, wholesale—													
Ewes, Chicago.....dolls. per 100 lbs.	1.63	1.63	1.63	2.00	2.00	2.06	2.98	3.25	2.75	1.50	1.53	1.50	1.88
Lambs, Chicago.....dolls. per 100 lbs.	5.03	5.94	5.70	4.98	4.89	5.09	5.38	5.79	5.81	5.18	5.75	5.91	5.03
Poultry and eggs:													
Eggs—													
Receipts, 5 markets.....thous. of cases	853	943	722	578	652	936	1,090	1,435	1,917	1,971	1,496	1,082	1,035
Stocks, cold storage, end of month—													
Case.....thous. of cases	4,985	7,960	5,745	3,447	1,475	663	258	689	2,982	5,380	6,339	6,431	2 5,960
Frozen.....thous. of lbs.	84,127	103,302	94,816	86,407	79,198	72,439	68,024	68,870	81,920	94,978	100,485	99,112	2 92,967
Poultry—													
Receipts, 5 markets.....thous. of lbs.	24,739	32,409	30,377	64,731	76,149	25,197	20,530	19,169	15,499	18,763	20,460	18,476	21,751
Stocks, cold storage, end of mo.....thous. of lbs.	36,661	56,215	65,668	89,971	116,700	111,554	96,422	74,660	56,676	44,829	36,661	31,471	2 30,305
TROPICAL PRODUCTS													
Cocoa:													
Imports.....long tons	20,213	14,104	8,152	8,288	16,343	16,641	29,285	37,244	15,971	10,617	7,304	9,515	7,989
Price, spot, Accra, N. Y. dolls. per lb.	.0488	.0463	.0475	.0494	.0425	.0432	.0422	.0455	.0445	.0435	.0419	.0447	.0475
Shipments, Gold Coast and Nigeria.....long tons	9,481	6,663	7,256	23,080	44,588	52,105	49,330	25,614	16,020	7,075	8,445	2 13,256	10,808
Coffee:													
Clearances from Brazil, total.....thous. of bags	798	1,263	1,485	1,529	1,507	1,270	1,097	1,098	1,315	1,263	865	500	612
To United States.....thous. of bags	385	711	805	870	818	823	646	622	803	735	448	267	301
Imports into United States.....thous. of bags	754	794	907	936	1,293	1,220	1,149	1,220	793	1,056	1,079	671	601
Price, Rio No. 7, N. Y. dolls. per lb.	.094	.056	.058	.063	.070	.071	.072	.073	.077	.084	.081	.079	.085
Receipts at ports, Brazil.....thous. of bags	926	1,533	1,711	2,319	2,138	1,580	1,769	1,721	1,762	1,564	1,229	2 885	2 814
Stocks, world total, incl. interior of Brazil.....thous. of bags		34,493	35,046	36,093	37,246	37,260	37,115	37,159	36,158	33,456			
Visible supply, total excl. interior of Brazil.....thous. of bags	4,975	6,493	6,127	6,322	6,419	6,244	5,852	5,620	5,556	5,751	5,468	2 5,292	2 5,152
United States.....thous. of bags	596	1,555	1,510	1,299	1,387	1,359	1,340	1,219	937	877	990	765	643
Sugar:													
Raw sugar—													
Cuban movement—													
Exports.....long tons	84,873	160,992	134,336	146,102	156,714	18,242	25,111	97,589	244,391	82,502	134,601	190,983	291,832
Receipts at Cuban ports.....long tons	76,992	109,613	97,725	101,278	101,544	88,595	263,549	491,685	234,461	55,107	111,874	166,496	141,147
Stocks total end of month.....thous. long tons	2,038	2,322	2,130	1,931	1,737	1,799	2,422	3,422	3,202	3,155	2,922	2,666	2,195
United States—													
Meltings, 8 ports.....long tons	394,975	414,066	328,310	231,746	283,570	246,324	267,038	345,753	298,362	306,072	381,681	354,665	352,652
Price, wholesale, 96° centrifugal, New York.....dolls. per lb.	.031	.034	.034	.034	.032	.031	.029	.028	.026	.026	.028	.030	.032
Receipts—													
From Hawaii and Pto. Rico.....long tons	107,743	126,970	82,063	53,741	39,191	93,141	172,797	184,041	196,949	226,859	160,147	150,515	141,275
Imports.....long tons	220,721	202,504	186,928	135,308	177,460	196,150	264,675	330,891	312,857	229,812	164,269	189,193	2 326,859
Stocks at refineries, end of mo. long tons	313,670	321,815	245,694	187,552	181,363	182,257	263,659	396,514	514,273	483,487	433,151	380,430	393,734
Refined sugar:													
Exports, including maple.....long tons	2,526	4,365	4,304	3,598	2,607	3,365	4,143	4,031	3,178	5,538	5,345	3,713	2,788
Price, retail, gran. N. Y. dolls. per lb.	.048	.052	.052	.052	.061	.051	.051	.049	.048	.045	.045	.046	.048
Price, wholesale, gran. N. Y. dolls. per lb.	.042	.045	.045	.044	.041	.041	.041	.039	.039	.037	.037	.040	.041
Shipments, 2 ports.....long tons	51,423	60,502	48,208	41,538	51,378	44,745	38,655	51,153	55,679	67,923	179,040	76,649	75,990
Stocks, end of month, 2 ports.....long tons	39,327	41,171	33,047	34,486	31,220	32,239	30,684	31,641	37,132	46,173	92,279	39,903	38,011
Tea													
Imports.....thous. of lbs.	9,405	8,568	10,271	7,813	7,748	10,028	6,394	7,465	5,774	4,566	7,277	6,278	8,004
Price, wholesale, Formosa, fine, N. Y. dolls. per lb.	.175	.225	.225	.225	.217	.215	.215	.203	.185	.185	.163	.175	.175
MISCELLANEOUS PRODUCTS													
Candy sales by manufacturers.....thous. of dolls.	25,065	25,877	24,686	25,203	19,520	19,334	19,364	16,340	14,877	12,533	9,098	14,076	
Fish:													
Landings, fresh fish, principal ports.....thous. of lbs.	28,439	24,947	20,808	14,155	15,749	20,318	31,888	26,301	27,083	24,737	26,998	31,847	
Salmon, canned, shipments.....cases	631,651	539,277	429,818	433,132	444,588	484,335	331,413	128,329	264,107	378,040	453,062	1,014,716	
Stocks, total, cold storage, 15th of month.....thous. of lbs.	59,209	68,083	73,018	74,725	72,362	64,478	50,661	35,534	26,061	28,655	34,304	41,306	51,345

2 Revised.

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

FOODSTUFFS AND TOBACCO—Continued

TOBACCO														
Leaf:														
Exports.....thous. of lbs.	42,419	44,826	49,170	58,386	56,585	25,047	31,218	29,437	32,875	30,195	30,840	26,762	24,257	
Imports, unmanufactured.....thous. of lbs.	1,614	2,353	4,288	7,899	14,004	14,200	8,680	5,321	6,340	2,823	2,242	2,421	1,695	
Production, crop estimate.....thous. of lbs.	41,011,581				41,600,910									
Stocks, total, including imported types (quarterly).....mills. of lbs.		1,841			2,013			2,374			2,239			
Flue-cured, fire-cured, and air-cured.....mills. of lbs.		1,419			1,612			1,858			1,715			
Cigar types.....mills. of lbs.		342			321			412			427			
Manufactured products:														
Consumption (tax-paid withdrawals)—														
Small cigarettes.....mills.	9,311	9,695	8,956	7,850	7,295	8,963	7,680	8,447	7,562	8,685	10,560	9,534	9,559	
Large cigars.....thousands.	405,419	449,350	534,371	477,458	304,531	342,924	347,729	355,582	349,953	368,553	400,406	361,240	401,143	
Manufactured tobacco and snuff.....thous. of lbs.	31,693	33,278	34,139	27,935	25,813	30,883	29,417	31,444	30,781	27,810	30,678	26,733	31,303	
Exports, cigarettes.....thousands.	227,354	257,854	191,835	228,793	240,727	190,823	232,348	211,210	186,194	268,304	177,959	195,923	204,493	
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	48.685	49.247	49.247	49.247	49.247	49.247	49.247	49.247	49.247	49.249	49.249	49.247	49.135	

FUELS AND BY-PRODUCTS

COAL														
Anthracite:														
Exports.....thous. of long tons	112	121	157	125	113	96	87	136	105	92	62	100	82	
Prices—														
Retail, composite, chestnut.....dolls. per short ton	13.52	14.93	14.97	14.96	14.97	14.97	14.95	14.45	13.46	13.11	13.17	13.16	13.28	
Wholesale, composite, chestnut.....dolls. per long ton	12.067	13.083	13.083	13.147	13.166	13.170	13.170	12.396	11.803	11.777	11.750	11.582	11.806	
Production.....thous. of short tons	4,108	4,358	6,551	4,141	4,671	3,897	4,019	4,789	5,629	3,278	2,550	3,021	3,465	
Shipments.....thous. of short tons	3,664	3,778	5,818	3,718	4,210	3,418	3,630	4,384	5,014	2,901	2,227	2,778	3,050	
Stocks, in storage.....thous. of short tons	2,263	3,109	3,167	3,314	3,073	2,741	2,265	1,794	1,733	1,906	2,076	2,081	2,250	
Stocks, in yards of dealers, end of month.....no. of days' supply		75	60		54				51		52			
Bituminous:														
Consumption—														
Coke plants.....thous. of short tons	2,203	3,459	3,616	3,442	3,354	3,172	3,018	3,158	2,810	2,588	2,284	2,257	2,190	
Electric power plants.....thous. of short tons	3,282	3,452	3,221	3,116	2,863	2,608	2,732	2,334	2,262	2,348	2,343	2,516		
Railroads.....thous. of short tons	5,283	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	10)	164	183	134	99	93	122	89	93	110	110	104	109	
Exports.....thous. of long tons	833	1,103	1,078	1,150	521	389	386	403	550	662	667	708	858	
Price, retail composite, 38 cities.....dolls. per short ton	7.54	8.17	8.22	8.23	8.19	8.17	8.14	8.01	7.85	7.60	7.53	7.50	7.52	
Prices, wholesale—														
Composite, mine run.....dolls. per short ton	3.596	3.705	3.703	3.705	3.701	3.699	3.701	3.692	3.669	3.640	3.624	3.628	3.617	
Prepared sizes (composite).....dolls. per short ton	3.590	3.954	3.954	3.962	3.950	3.953	3.929	3.798	3.629	3.599	3.604	3.569	3.554	
Production.....thous. of short tons	26,314	31,919	35,700	30,110	30,260	27,892	28,013	32,250	20,300	18,384	17,749	17,857	22,489	
Stocks, consumers, end of month.....thous. of short tons		34,500	36,100		35,500	32,700		30,050	27,200		26,300			
COKE														
Exports.....thous. of long tons	60	52	50	41	28	22	29	42	43	25	53	61	87	
Price, furnace, Connellsville.....dolls. per short ton	2.08	2.45	2.45	2.38	2.34	2.30	2.25	2.25	2.25	2.21	2.13	2.12	2.08	
Production:														
Beehive.....thous. of short tons	46	78	105	98	82	88	86	87	56	45	41	38	41	
By-product.....thous. of short tons	1,544	2,310	2,389	2,276	2,234	2,101	1,996	2,089	1,853	1,743	1,537	1,523	1,474	
Petroleum.....thous. of short tons		180	159	168	168	145	141	146	149	159	145	153	150	
Stocks, end of month:														
By-product plants.....thous. of short tons	4,223	4,054	4,214	4,290	4,322	4,179	3,839	3,473	3,566	3,615	3,742	3,975	4,221	
Petroleum, refinery.....thous. of short tons		1,516	1,473	1,499	1,512	1,460	1,440	1,436	1,520	1,554	1,537	1,544	1,515	
PETROLEUM AND PRODUCTS														
Crude petroleum:														
Consumption (run to stills).....thous. of bbls.		75,094	76,083	71,639	72,721	68,715	63,814	68,502	71,131	74,669	72,327	71,455	67,271	
Imports.....thous. of bbls.	1,893	3,426	4,106	3,604	4,315	2,047	4,708	4,840	7,691	5,088	7,869	1,525	1,862	
Price, Kansas-Oklahoma.....dolls. per bbl.	.860	.560	.560	.710	.710	.710	.710	.710	.823	.860	.860	.860	.860	
Production.....thous. of bbls.		63,636	73,079	72,851	73,174	66,884	62,484	67,189	67,717	68,523	64,835	66,310	66,220	
Refinery operations.....per ct. of capacity		66	65	64	64	60	60	61	67	67	67	65	61	
Stocks, end of month—														
California—														
Heavy crude and fuel oil.....thous. of bbls.		93,961	93,493	93,673	93,274	93,033	92,809	92,155	92,249	92,940	93,605	94,256	94,895	
Light crude.....thous. of bbls.		41,888	41,519	41,777	42,114	42,431	42,311	42,259	42,547	42,737	40,938	40,405	40,149	
East of California, total.....thous. of bbls.		323,198	319,906	320,788	322,566	320,201	320,577	323,395	322,867	319,552	316,995	312,130	309,011	
Refineries.....thous. of bbls.		38,358	36,705	36,566	36,546	36,594	38,085	40,211	42,222	45,277	47,403	44,641	43,287	
Tank farms and pipe lines.....thous. of bbls.		284,840	283,201	284,222	286,020	283,607	282,492	283,184	280,645	274,275	269,592	267,489	265,724	
Wells completed.....number		445	705	874	744	643	575	670	793	968	993	1,279	1,145	
Mexico—														
Exports.....thous. of bbls.		1,864	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.		2,614	2,359	2,350	2,654	2,869	2,761	2,968	2,922	2,925	2,705	2,506	2,463	
Venezuela—														
Exports.....thous. of bbls.		8,087	9,420	9,639	8,984	9,101	9,087	8,546	9,949	11,004	11,260	8,394	8,124	
Production.....thous. of bbls.		8,803	9,412	9,440	9,535	9,922	9,589	8,994	9,998	10,481	10,648	9,551	9,430	
Refined products:														
Gas and fuel oils—														
Consumption—														
Electric power plants.....thous. of bbls.		694	707	722	783	664	607	596	522	547	631	691	745	
Railroads.....thous. of bbls.		3,236	3,554	3,344	2,899	3,388	3,025	3,211	3,003	2,963	2,825	2,855	2,703	
Vessels, bunker.....thous. of bbls.		3,350	3,095	3,643	3,090	3,447	3,031	3,136	3,500	3,436	3,714	3,248	3,066	
Price, Oklahoma, 24-26 refineries.....dolls. per bbl.		.425	.319	.338	.350	.338	.325	.335	.350	.438	.435	.419	.415	
Production.....thous. of bbls.		27,639	28,265	27,108	27,187	26,464	23,435	25,928	25,504	25,920	24,312	24,717	23,312	
Stocks, refinery, end of mo.....thous. of bbls.		45,334	44,883	45,434	42,582	39,927	36,631	34,096	34,527	36,633	38,284	41,761	43,800	

* Revised.

* As of Dec. 1.

* As of Sept. 1.

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	September	September	October	November	December	January	February	March	April	May	June	July	August
FUELS AND BY-PRODUCTS—Continued													
PETROLEUM AND PRODUCTS—Con.													
Refined products—Continued.													
Gasoline—													
Consumption.....thous. of bbls.		36,670	35,051	30,640	30,529	26,196	25,344	29,451	30,488	31,571	38,766	31,317	35,207
Exports.....thous. of bbls.	2,569	3,074	3,325	3,723	2,540	3,300	2,721	2,901	3,568	4,418	3,369	2,200	2,260
Exports, value. (See Foreign Trade.)													
Price, wholesale—													
Drums, delivered, N. Y. dolls. per gall.	.150	.143	.143	.143	.128	.123	.123	.135	.143	.140	.130	.135	.139
Refinery, Oklahoma.....dolls. per gall.	.046	.034	.038	.047	.032	.032	.036	.041	.053	.052	.054	.051	.050
Price, retail, service station, 50 cities													
Production.....dolls. per gall.		.123	.123	.129	.129	.130	.130	.132	.136	.137	.142		
At natural gas plants.....thous. of bbls.		3,062	3,345	3,405	3,476	3,342	3,148	3,198	3,102	3,079	2,812	2,812	2,819
At refineries.....thous. of bbls.		37,016	38,030	35,792	35,563	33,007	31,265	31,789	33,093	34,599	33,312	33,705	32,883
Retail distribution (41 states)													
Stocks, end of month—		1,082	1,059	957	880	801	752	855	947	952	1,097	979	
At natural gas plants.....thous. of bbls.		614	524	641	645	809	875	947	1,061	1,054	812	757	616
At refineries.....thous. of bbls.		33,401	34,615	36,786	37,445	41,501	46,719	46,950	46,624	45,246	38,526	38,959	36,700
Kerosene—													
Consumption.....thous. of bbls.		2,341	3,042	2,906	3,358	2,612	2,798	3,067	3,292	2,814	2,128	1,854	2,279
Exports.....thous. of bbls.	1,081	1,057	1,267	1,206	640	1,184	734	876	578	858	1,068	858	998
Price, 150° water white, refinery, Pa.		.039	.039	.041	.044	.046	.045	.044	.046	.052	.051	.050	.049
Production.....thous. of bbls.	.048	3,239	3,701	3,815	3,713	3,798	3,200	3,525	3,762	4,092	3,523	3,629	3,497
Stocks, end of month.....thous. of bbls.		6,558	5,924	5,618	5,332	5,304	4,971	4,539	4,417	4,812	5,134	6,033	6,247
Lubricating oil—													
Consumption.....thous. of bbls.		1,549	1,639	1,211	1,366	1,413	1,190	1,724	1,587	1,535	3,054	1,011	951
Price, cylinder oil, refinery, Pa.		.198	.200	.181	.164	.153	.161	.167	.163	.174	.178	.180	.177
Production.....thous. of bbls.	.159	2,143	2,267	2,164	2,049	2,092	1,984	1,946	1,910	2,036	2,290	1,958	1,587
Stocks, refinery, end of month													
Other products—													
Asphalt—													
Imports.....thous. of short tons	1	12	1	0	0	1	1	2	0	2	7	2	1
Production.....thous. of short tons		326	314	210	132	131	130	181	211	250	255	234	232
Stocks, refinery, end of month													
Coke.....thous. of short tons		288	276	277	302	308	313	351	391	414	409	386	298
(See Coke.)													
Wax—													
Production.....thous. of lbs.		42,000	46,200	46,760	45,360	43,680	48,440	47,040	36,680	39,760	36,400	31,640	38,920
Stocks, refinery, end of month													
Stocks, refinery, end of month		191,158	189,167	183,938	171,220	178,082	176,674	182,974	184,486	194,973	198,526	202,023	206,461

LEATHER AND PRODUCTS

HIDES AND SKINS													
Imports, total hides and skins.....thous. of lbs.	8,545	27,445	25,856	20,492	16,712	18,015	17,159	18,644	18,579	16,786	17,366	10,174	8,617
Calf and kip skins.....thous. of lbs.	3,337	3,265	3,164	2,327	2,739	2,658	2,175	2,092	2,474	1,869	2,575	2,867	2,691
Cattle hides.....thous. of lbs.	985	11,934	10,846	9,473	4,261	5,209	7,115	6,167	6,406	5,138	4,120	1,007	1,238
Goatskins.....thous. of lbs.	2,106	6,868	5,533	4,783	3,879	4,399	3,632	4,611	5,948	6,082	6,126	3,432	2,009
Sheep and lamb skins.....thous. of lbs.	1,011	3,360	4,472	2,333	3,481	3,755	2,697	4,009	2,282	2,544	3,091	1,760	1,625
Livestock, inspected slaughter:													
Calves.....thous. of animals	366	393	407	355	388	347	360	420	428	399	394	324	362
Cattle.....thous. of animals	718	687	781	614	686	653	583	633	650	616	639	614	633
Hogs.....thous. of animals	3,252	2,955	3,772	4,218	5,387	5,027	4,590	3,664	3,714	3,940	3,320	2,802	1,579
Sheep.....thous. of animals	1,667	1,667	1,804	1,505	1,581	1,679	1,439	1,428	1,497	1,444	1,529	1,384	2,970
Prices, wholesale:													
Packers, heavy native steers, Chicago													
.....dolls. per lb.	.081	.090	.077	.082	.078	.076	.066	.064	.050	.043	.43	.049	.066
Calfskins, No. 1 country, Chicago													
.....dolls. per lb.	.076	.098	.083	.085	.078	.074	.065	.069	.058	.045	.046	.049	.063
Stocks, total, end of month.....thous. of lbs.	(†)	283,405	277,523	282,639	300,468	308,948	296,770	294,726	302,474	(†)	(†)	(†)	(†)
Calf and kip skins.....thous. of lbs.	(†)	27,413	26,977	27,089	29,562	29,313	24,851	22,724	22,360	(†)	(†)	(†)	(†)
Cattle hides.....thous. of lbs.	(†)	221,343	217,394	221,891	237,186	245,477	238,156	238,286	232,619	(†)	(†)	(†)	(†)
Sheep and lamb skins.....thous. of lbs.	(†)	34,649	33,152	33,659	33,720	34,158	33,763	33,717	35,080	(†)	(†)	(†)	(†)
LEATHER													
Sole and belting:													
Exports (sole only).....thous. of lbs.	137	546	531	309	280	213	188	242	259	172	125	160	155
Price, oak, scoured backs (Boston)													
.....dolls. per lb.	.28	.39	.35	.32	.32	.32	.33	.33	.31	.28	.27	.27	.27
Production, total.....thous. of lbs.	(†)	18,785	19,331	17,053	17,111	16,673	15,070	16,642	15,466	(†)	(†)	(†)	(†)
Sole only.....thous. of lbs.	(†)	1,088	1,127	1,003	1,011	977	874	972	920	(†)	(†)	(†)	(†)
Stocks end of month—													
Finished.....thous. of lbs.	(†)	80,773	83,463	86,348	88,358	88,761	88,227	85,816	85,505	(†)	(†)	(†)	(†)
In process of tanning.....thous. of lbs.	(†)	69,172	69,850	68,705	66,244	63,770	60,494	62,622	63,137	(†)	(†)	(†)	(†)
Upper leather:													
Exports.....thous. of sq. ft.	6,162	6,529	7,926	9,718	6,418	6,550	8,094	4,982	5,828	5,483	4,346	4,528	4,715
Price, wholesale, composite, chrome, calf, black "B" grade.....dolls. per sq. ft.	.250	.337	.330	.323	.320	.298	.290	.285	.270	.250	.241	.238	.243
Production.....thous. of sq. ft.	(†)	65,643	60,682	48,262	49,405	50,120	55,081	60,982	51,136	(†)	(†)	(†)	(†)
Stocks, end of month—													
Finished.....thous. of sq. ft.	(†)	254,306	267,705	272,328	270,673	261,588	253,599	258,594	261,235	(†)	(†)	(†)	(†)
In process of tanning.....thous. of sq. ft.	(†)	126,146	116,578	115,028	116,212	120,178	121,967	119,784	116,858	(†)	(†)	(†)	(†)
LEATHER MANUFACTURES													
Gloves and mittens:													
Production (cut), total.....dozen pairs	223,879	226,754	233,394	243,948	129,569	112,004	135,060	147,622	127,794	100,402	110,979	99,806	156,121
Dress and street.....dozen pairs	104,471	121,601	134,768	112,061	69,781	55,908	69,067	75,310	64,169	43,535	47,619	50,965	77,989
Work.....dozen pairs	119,408	105,153	98,626	131,887	59,788	56,096	65,993	72,412	63,625	56,867	5,7361	48,841	78,132
† Discontinued.													

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931				1932							
	September	September	October	November	December	January	February	March	April	May	June	July	August
LEATHER AND PRODUCTS—Continued													
LEATHER MANUFACTURES—Contd.													
Shoes:													
Exports.....thous. of pairs.....	58	142	136	136	113	58	71	94	93	84	60	42	76
Prices, wholesale—													
Men's black calf blucher, Boston.....dolls. per pair.....	5.75	6.75	6.55	6.31	6.25	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75
Men's black calfoxford, lace, St. Louis.....dolls. per pair.....	3.85	4.35	4.35	4.35	4.35	4.25	4.25	4.25	4.25	4.25	4.05	3.85	3.85
Women's colored calf, Good-year welt, oxford, average.....dolls. per pair.....	3.35	3.75	3.75	3.75	3.50	3.50	3.50	3.50	3.50	3.50	3.43	3.35	3.35
Production, total.....thous. of pairs.....	31,293	25,381	18,518	19,556	21,225	25,958	30,676	25,946	22,497	23,562	20,442	30,718	30,718
Men's.....thous. of pairs.....	7,423	6,129	5,107	5,354	5,176	5,853	6,644	5,343	5,424	5,851	5,135	6,821	6,821
Boys' and youths'.....thous. of pairs.....	1,991	1,776	1,449	1,485	1,423	1,490	1,663	1,270	1,112	1,183	1,181	1,613	1,613
Women's.....thous. of pairs.....	11,883	8,133	3,864	5,419	8,233	10,560	12,343	9,636	7,528	7,884	7,825	13,548	13,548
Misses' and children's.....thous. of pairs.....	2,785	2,105	1,854	2,579	2,824	3,413	3,883	3,410	2,469	2,527	2,173	2,656	2,656
Slippers, all types.....thous. of pairs.....	4,171	4,717	4,317	2,642	1,109	1,678	2,253	2,266	2,382	2,601	2,220	3,395	3,395
All other footwear.....thous. of pairs.....	3,040	2,521	1,927	2,077	2,460	2,964	3,890	4,021	3,582	3,516	1,907	2,684	2,684

LUMBER AND MANUFACTURES

LUMBER													
Exports all types.....M ft. b. m.....	2 65,267	2 91,256	2 86,639	2 79,442	2 90,146	2 85,424	2 66,275	2 63,838	2 75,080	2 78,024	2 73,145	2 63,917	2 55,189
Retail movement:													
Retail yards, 9th Fed. Res. Dist.—													
Sales.....M ft. b. m.....	6,484	8,314	9,255	6,379	2,932	2,808	1,723	2,379	4,124	5,207	6,609	5,867	6,703
Stocks, end of month.....M ft. b. m.....	60,992	73,002	68,318	65,480	63,374	64,928	66,638	68,575	69,025	68,381	66,826	65,402	63,216
Retail yards, 10th Fed. Res. Dist.—													
Sales.....M ft. b. m.....	2,429	3,249	3,481	2,599	1,697	1,593	1,402	1,842	2,159	1,743	1,751	1,922	2,319
Stocks, end of month.....M ft. b. m.....	29,294	36,245	35,207	34,718	34,183	33,458	33,054	33,028	32,553	32,366	31,965	31,460	30,247
Flooring													
Maple, beech, and birch:													
Orders—													
New.....M ft. b. m.....	3,179	2,783	2,760	3,368	2,342	1,742	2,203	2,210	1,925	2,030	2,457	2,117	2,893
Unfilled, end of month.....M ft. b. m.....	5,102	3,775	3,778	4,851	5,083	4,911	5,072	4,648	4,268	4,102	4,317	3,946	4,022
Production.....M ft. b. m.....	1,545	3,134	2,812	2,797	3,027	2,272	2,570	3,424	2,646	2,179	2,598	1,264	1,067
Shipments.....M ft. b. m.....	2,402	3,144	2,703	2,481	1,928	1,759	2,061	2,496	2,200	2,325	2,281	2,264	2,816
Stocks, end of month.....M ft. b. m.....	19,145	20,189	20,042	20,216	21,438	21,511	21,588	22,702	22,940	22,852	22,898	22,216	20,212
Oak													
Orders—													
New.....M ft. b. m.....	13,506	16,929	15,973	13,526	16,676	17,537	8,150	10,442	12,090	11,147	9,130	7,120	16,508
Unfilled, end of month.....M ft. b. m.....	13,359	17,590	15,589	14,334	17,987	22,251	19,189	15,864	15,753	12,444	9,355	6,683	12,599
Production.....M ft. b. m.....	11,087	22,425	19,299	15,744	13,457	4,098	7,968	13,101	12,091	11,683	10,334	6,977	11,008
Shipments.....M ft. b. m.....	11,739	19,486	18,203	13,907	12,976	11,673	11,359	13,360	12,555	12,939	10,253	7,699	11,626
Stocks, end of month.....M ft. b. m.....	53,729	65,696	67,103	68,293	67,748	60,781	56,201	57,521	56,066	52,598	51,336	51,143	53,067
Hardwoods													
Hardwoods, total (Southern and Appalachian districts):													
Orders—													
New.....mill. ft. b. m.....	131	131	131	105	120	105	113	105	101	90	83	114	114
Unfilled, end of month.....mill. ft. b. m.....	387	374	370	367	356	315	292	272	270	242	227	265	265
Production.....mill. ft. b. m.....	105	105	105	86	68	83	90	101	98	94	71	59	59
Shipments.....mill. ft. b. m.....	131	135	128	109	120	124	116	113	109	98	86	102	102
Stocks, total, end of month.....mill. ft. b. m.....	2,960	2,915	2,893	2,854	2,791	2,734	2,671	2,648	2,622	2,610	2,550	2,498	2,498
Unsold stocks.....mill. ft. b. m.....	2,559	2,542	2,524	2,487	2,434	2,419	2,379	2,376	2,351	2,368	2,323	2,234	2,234
Gum													
Orders, unfilled, end of month.....mill. ft. b. m.....	98	91	92	84	80	69	70	69	68	62	61	73	73
Stocks, total, end of month.....mill. ft. b. m.....	615	607	595	560	549	542	532	528	536	546	532	538	538
Unsold stocks.....mill. ft. b. m.....	518	516	504	476	470	473	463	460	468	484	471	466	466
Oak													
Orders, unfilled, end of month.....mill. ft. b. m.....	79	85	85	95	87	76	64	64	67	57	52	76	76
Stocks, total, end of month.....mill. ft. b. m.....	840	827	813	805	775	748	710	705	703	699	683	661	661
Unsold stocks.....mill. ft. b. m.....	761	742	728	711	688	673	646	641	636	643	631	585	585
Northern hardwoods:													
Production.....M ft. b. m.....	3,210	2,617	3,517	6,382	8,220	9,900	8,258	4,767	2,196	2,421	1,683	1,538	1,538
Shipments.....M ft. b. m.....	14,907	15,378	12,690	12,137	12,435	11,892	10,451	7,896	6,735	8,490	6,732	7,138	7,138
Walnut													
Orders—													
New.....M ft. b. m.....	1,861	1,463	1,148	786	861	691	721	—	—	—	—	—	—
Unfilled, end of month.....M ft. b. m.....	2,934	2,173	2,101	1,974	1,680	1,761	1,516	—	—	—	—	—	—
Production.....M ft. b. m.....	1,037	1,405	1,110	886	486	528	483	—	—	—	—	—	—
Shipments.....M ft. b. m.....	1,786	1,720	1,121	915	837	662	738	—	—	—	—	—	—
Stocks, end of month.....M ft. b. m.....	13,176	12,825	12,745	12,606	12,279	12,880	12,600	—	—	—	—	—	—
Softwoods													
Fir, Douglas:													
Exports—													
Lumber.....M ft. b. m.....	21,035	38,771	36,714	29,549	29,448	41,785	21,362	18,786	22,344	19,326	24,603	19,221	18,276
Timber.....M ft. b. m.....	14,453	18,020	21,874	19,007	20,737	21,468	13,324	26,437	24,150	18,233	7,377	8,546	18,172
Orders—													
New.....M ft. b. m.....	153,543	158,915	151,305	135,637	115,046	125,789	112,360	114,150	106,540	107,883	104,750	106,540	116,836
Unfilled, end of month.....M ft. b. m.....	119,074	125,341	81,472	105,197	85,501	113,703	111,017	101,168	62,671	71,176	60,432	57,747	81,024
Prices, wholesale—													
No. 1 common.....dolls. per M ft. b. m.....	8.96	11.27	11.21	11.23	11.09	11.40	10.25	9.90	9.52	9.63	8.61	9.37	8.66
Flooring, 1 x 4, "B" and better.....dolls. per M ft. b. m.....	20.60	25.48	25.63	24.35	23.51	22.84	22.49	21.87	22.42	21.72	20.50	20.64	20.02
Production*.....M ft. b. m.....	96,244	155,334	149,962	115,941	102,511	99,378	115,941	102,511	102,511	99,826	88,634	79,681	89,977
Shipments*.....M ft. b. m.....	111,464	166,525	162,049	126,684	113,703	118,627	96,244	115,941	122,656	112,360	111,464	95,797	105,645
Hemlock, northern:													
Production.....M ft. b. m.....	4,804	3,928	3,581	3,028	3,443	3,940	3,983	1,682	889	1,567	388	1,302	1,302
Shipments.....M ft. b. m.....	7,531	7,811	6,366	4,461	4,682	3,465	4,352	4,579	4,931	6,587	5,412	5,507	5,507
Pine, North Carolina:													
Production.....M ft. b. m.....	(†)	24,640	27,370	26,670	25,760	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Shipments.....M ft. b. m.....	(†)	33,320	33,110	35,350	30,310	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)

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

LUMBER AND MANUFACTURES—Continued

LUMBER—Continued													
Softwoods—Continued													
Pine, northern:													
Orders, new.....M ft. b. m.	6,824	9,043	8,957	7,079	7,673	7,284	7,812	7,477	6,543	6,286	10,428	5,046	7,605
Production.....M ft. b. m.	2,628	3,717	1,396	0	0	0	0	0	2,267	6,689	4,406	2,234	3,809
Shipments.....M ft. b. m.	6,482	10,857	9,657	7,837	5,572	7,401	8,829	8,264	8,588	7,969	11,788	5,826	6,657
Pine, southern:													
Exports—													
Lumber.....M ft. b. m.	21,460	18,936	20,895	18,425	25,793	16,457	20,039	20,105	22,905	27,288	21,634	23,985	19,224
Timber.....M ft. b. m.	5,621	5,663	5,017	4,056	8,636	3,931	3,668	4,320	9,836	4,772	8,921	6,173	3,695
Orders—													
New.....M ft. b. m.	134,018	138,204	134,757	111,307	72,751	105,553	119,329	126,728	110,397	102,802	95,947	90,715	149,149
Unfilled, end of month.....M ft. b. m.	81,645	74,235	58,464	62,013	50,925	60,837	73,773	76,668	62,475	61,740	43,572	45,724	79,847
Price, flooring.....dolls. per M ft. b. m.	17.86	27.21	26.49	26.31	26.31	25.16	22.74	21.22	20.91	19.60	19.52	18.35	17.05
Production.....M ft. b. m.	80,181	116,511	117,241	110,803	77,749	79,979	88,727	104,114	106,224	100,303	90,634	83,239	91,241
Shipments.....M ft. b. m.	127,280	142,170	142,254	108,668	73,059	99,001	117,478	122,706	116,963	101,528	99,619	94,038	125,056
Redwood, California:													
Orders—													
New.....M ft. b. m.	15,866	16,007	18,636	16,383	11,079	17,133	17,555	18,999	17,053	14,887	12,300	10,791	13,990
Unfilled.....M ft. b. m.	23,247	17,585	20,485	21,229	17,138	21,932	23,987	24,374	24,043	22,153	18,456	19,334	19,943
Production.....M ft. b. m.	10,829	14,760	15,931	14,436	14,684	13,616	12,202	14,523	12,292	10,702	11,329	8,057	11,023
Shipments.....M ft. b. m.	11,921	15,734	17,055	15,333	15,025	13,077	14,984	17,545	16,545	16,326	14,857	9,470	12,862
FURNITURE													
Household:													
Grand Rapids district—													
Orders—													
Canceled.....per cent of new orders..	7.5	8.0	8.5	6.5	8.0	5.0	14.0	9.0	17.0	18.0	8.0	4.0	6.5
New.....no. days' production..	14	16	14	15	11	16	11	9	7	6	6	11	10
Unfilled, end of month.....no. days' production..	11	15	11	13	12	17	13	10	7	7	7	10	10
Outstanding accounts, end of month.....no. days' sales..	27	39	38	35	31	32	33	29	26	21	19	21	21
Plant operations.....per cent of full time..	73.0	72.0	83.0	72.0	56.5	68.0	73.0	59.0	54.0	42.0	58.0	38.0	53.5
Shipments.....no. days' production..	12	19	17	12	11	11	13	11	7	6	6	7	9
Southeastern district—													
Orders, unfilled, end of month.....dolls., average per firm..	42,180	22,100	16,268	14,469	24,278	18,469	15,427	11,388	10,213	8,820	-----	-----	-----
Shipments.....dolls., average per firm..	66,042	64,122	35,388	23,519	33,632	46,304	37,944	30,959	25,814	20,106	-----	-----	-----
Prices, wholesale—													
Beds.....1926=100..	64.4	80.4	73.1	73.1	73.1	70.3	68.8	68.8	68.8	68.6	68.4	64.4	64.4
Dining-room chairs, set of 6.....1926=100..	89.5	92.1	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	100.1	95.3	95.3	95.3	95.3	95.3	95.3	91.4	78.4
Living-room davenport.....1926=100..	69.8	84.2	82.0	82.0	74.2	74.2	74.2	74.2	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..	36,038	69,778	59,335	59,556	57,263	40,660	40,492	49,927	53,118	80,477	52,081	52,558	32,955
Imports.....long tons..	29,241	30,966	29,406	34,634	25,812	31,053	26,738	41,031	36,339	39,751	34,494	18,005	23,623
Price, iron and steel, composite.....dolls. per long ton..	29.32	31.03	30.81	30.61	30.32	29.98	29.56	29.62	29.75	29.62	29.54	29.48	29.33
Sales, iron, steel, and heavy hardware.....1921=100..	-----	112	109	91	81	68	70	78	88	83	79	72	80
Ore													
Iron ore:													
Consumption by furnaces.....thous. of long tons..	697	1,470	1,451	1,311	1,230	1,154	1,174	1,256	1,040	918	731	645	607
Imports.....thous. of long tons..	19	99	70	94	90	89	77	46	90	80	80	17	25
Receipts:													
Lake Erie ports and furnaces.....thous. of long tons..	549	2,873	2,029	457	0	0	0	0	0	39	116	470	619
Other ports.....thous. of long tons..	172	1,440	1,162	277	0	0	0	0	26	79	105	78	88
Shipments from mines.....thous. of long tons..	641	4,179	3,094	421	0	0	0	0	44	111	234	640	722
Stocks, total, end of month.....thous. of long tons..	32,324	37,972	39,767	39,232	38,010	36,893	35,742	34,491	33,479	32,700	32,159	32,059	32,164
At furnaces.....thous. of long tons..	27,083	31,998	33,687	33,184	32,136	31,083	29,975	28,774	27,962	27,167	26,784	26,761	26,896
Lake Erie docks.....thous. of long tons..	5,241	5,974	6,080	6,048	5,874	5,810	5,767	5,717	5,517	5,533	5,375	5,298	5,268
Manganese ore, imports (manganese content).....thous. of long tons..	0	27	21	9	8	17	3	2	14	2	4	3	3
Iron, Crude and Semimanufactures													
Castings, gray-iron:													
Orders—													
New.....av. tons per foundry..	82	86	55	58	66	69	60	80	56	50	54	61	61
Unfilled, end of month.....av. tons per foundry..	68	67	48	40	56	55	59	64	49	48	44	51	51
Production.....av. tons per foundry..	111	96	77	69	70	71	69	67	77	65	59	65	65
Receipts (materials).....av. tons per foundry..	137	116	87	72	103	82	77	76	85	90	72	83	83
Stocks (materials).....av. tons per foundry..	260	243	225	215	248	240	258	266	252	258	242	217	217
Castings, malleable:													
Orders, new.....short tons..	10,768	17,854	18,558	18,971	19,811	22,036	19,709	18,046	17,630	17,297	13,512	8,881	7,992
Production.....short tons..	10,168	18,485	20,444	17,984	21,503	22,216	21,578	19,597	16,758	17,430	15,143	9,703	7,038
Per cent of capacity.....	10.9	18.6	20.4	18.3	21.5	23.5	23.1	20.5	18.0	18.7	16.3	10.7	7.7
Shipments.....short tons..	9,778	18,727	17,802	18,336	20,206	21,572	21,325	21,337	18,328	18,953	16,503	11,554	8,879
Pig iron:													
Furnaces in blast, end of month—													
Capacity.....long tons per day..	19,205	38,600	36,530	35,810	29,365	30,630	32,880	29,135	27,730	22,965	18,955	17,525	16,225
Number.....	47	73	70	67	56	61	64	60	60	53	46	46	42

2 Revised.

* Imports from Cuba not included.

† See p. 20 of this issue for earlier data.

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931					1932							
	September	September	October	November	December	January	February	March	April	May	June	July	August	
METALS AND MANUFACTURES—Continued														
IRON AND STEEL—Continued														
Iron, Crude and Semimanufactures—Continued														
Pig iron—Continued:														
Prices, wholesale—														
Basic (valley furnace).....dolls. per long ton..	13.50	15.50	15.25	15.00	15.00	15.00	14.63	14.50	14.50	14.20	14.00	13.50	13.50	
Composite pig iron.....dolls. per long ton..	14.73	16.32	16.23	16.02	15.86	15.55	15.36	15.26	15.20	15.05	14.93	14.81	14.78	
Foundry, No. 2, northern (Pitts.).....dolls. per long ton..	16.39	18.76	18.39	17.76	17.46	17.36	17.02	16.89	16.89	16.59	16.39	16.39	16.39	
Production.....thous. of long tons..	593	1,169	1,173	1,103	980	973	964	967	853	784	628	572	531	
Iron, Manufactured Products														
Cast-iron boilers:														
Boilers, gas-fired—														
Production.....thous. of B. t. u..	100,732	158,495	105,181	75,683	55,602	131,871	77,122	41,824	23,904	12,416	16,820	37,732	58,786	
Shipments, quantity.....thous. of B. t. u..	91,465	257,941	247,732	146,023	83,230	54,274	57,713	64,691	61,706	57,723	48,281	49,406	76,265	
Shipments, value.....dollars..	81,844	288,422	270,880	147,698	83,494	44,848	55,970	57,571	62,025	55,874	60,321	47,751	79,831	
Stocks, end of month.....thous. of B. t. u..	555,483	978,351	842,371	740,613	705,124	770,108	783,264	760,398	707,537	666,109	615,225	613,533	591,220	
Boilers, range—														
Orders—														
New.....number of boilers..	38,867	42,109	46,680	37,427	26,066	40,816	36,059	40,250	40,148	44,406	35,853	26,337	30,592	
Unfilled, end of month, total	6,900	10,470	7,023	7,520	6,992	8,790	7,466	6,327	6,437	7,890	9,224	5,304	6,585	
Delivery, 30 days or less.....number of boilers..	5,290	8,470	5,423	6,309	6,092	7,240	5,760	4,789	4,787	5,974	5,993	3,260	4,952	
Delivery, more than 30 days.....number of boilers..	1,610	2,000	1,600	1,211	900	1,550	1,706	1,448	1,650	1,916	3,231	2,044	1,633	
Production.....thous. of B. t. u..	36,838	39,211	51,769	37,918	32,862	32,975	36,883	40,738	38,458	42,957	34,922	31,906	28,638	
Shipments.....thous. of B. t. u..	38,552	41,754	50,127	36,930	26,743	39,018	37,383	41,479	39,948	42,953	34,519	30,257	29,311	
Stocks, end of month.....thous. of B. t. u..	24,359	23,975	25,617	26,605	33,464	27,421	26,921	26,180	24,690	24,694	25,097	26,746	26,073	
Boilers, round—														
Orders, new.....thous. of lbs..	(t)	9,148	11,731	8,406	4,194	(t)	(t)	(t)	(t)	(t)	(t)	(t)	(t)	
Production.....thous. of lbs..	4,678	6,502	5,228	3,159	4,317	4,466	3,931	2,559	2,392	1,881	1,680	2,225	2,225	
Shipments.....thous. of lbs..	10,262	13,923	8,497	5,094	3,035	2,857	2,891	2,309	2,685	2,799	3,240	3,891	3,891	
Stocks, end of month.....thous. of lbs..	48,095	41,257	36,872	35,411	36,036	36,846	38,026	38,308	37,920	37,239	35,794	34,273	34,273	
Boilers, square—														
Orders, new.....thous. of lbs..	(t)	22,547	27,999	19,029	10,908	(t)	(t)	(t)	(t)	(t)	(t)	(t)	(t)	
Production.....thous. of lbs..	14,231	19,751	11,741	7,964	14,246	15,179	15,733	12,984	5,874	6,140	9,142	9,734	9,734	
Shipments.....thous. of lbs..	25,328	31,479	19,137	12,193	8,275	7,300	8,037	6,315	6,868	8,181	9,276	13,653	13,653	
Stocks, end of month.....thous. of lbs..	124,657	113,226	106,617	101,777	108,388	115,244	122,630	128,690	128,244	126,505	126,826	123,174	123,174	
Boiler fittings, cast iron:														
Production.....short tons..	2,426	4,592	5,475	5,381	3,621	2,861	2,206	2,052	1,678	1,863	1,760	1,455	1,655	
Shipments.....short tons..	3,461	5,822	7,638	4,778	3,564	3,852	3,195	2,552	2,919	3,189	2,908	2,029	2,665	
Boiler fittings, malleable:														
Production.....short tons..	1,743	2,466	2,973	2,412	1,620	1,602	1,464	1,133	1,243	1,526	1,267	1,274	1,229	
Shipments.....short tons..	2,215	2,964	3,610	2,026	1,609	1,627	1,518	1,344	2,262	1,925	1,622	1,503	1,537	
Radiators:														
Orders, new.....thous. of sq. ft. heating surface..	(t)	8,508	10,342	8,302	4,413	(t)	(t)	(t)	(t)	(t)	(t)	(t)	(t)	
Production.....thous. of sq. ft. heating surface..	5,090	7,292	5,560	3,489	4,867	5,185	5,027	3,070	1,857	1,857	1,894	1,388	1,975	
Shipments.....thous. of sq. ft. heating surface..	9,262	11,282	8,465	5,627	3,257	2,683	2,412	2,367	2,726	2,917	3,392	4,340	4,340	
Stocks, end of month.....thous. of sq. ft. heating surface..	40,549	36,798	34,388	32,225	33,681	36,153	38,856	39,586	38,748	37,868	35,935	33,688	33,688	
Sanitary Ware														
Bathroom accessories:														
Production.....number of pieces..	169,515	160,503	128,131	72,399	61,304	101,403	77,100	51,922	62,500	43,340	49,265	35,269	35,269	
Shipments.....number of pieces..	166,187	193,890	108,155	68,933	66,078	87,335	74,823	69,452	70,765	57,407	48,806	56,444	56,444	
Stocks, end of month.....number of pieces..	835,127	786,580	806,556	825,659	820,939	841,285	841,230	824,636	814,037	803,896	797,919	776,744	776,744	
Enameled sanitary ware:*														
Baths—														
Orders—														
New.....number of pieces..	33,578	35,703	24,445	13,686										
Unfilled, end of month.....number of pieces..	12,320	12,001	10,973	8,866										
Shipments.....number of pieces..	34,980	36,022	25,473	15,793										
Stocks, end of month.....number of pieces..	134,392	131,858	126,718	129,726										
Lavatories—														
Orders—														
New.....number of pieces..	41,489	43,238	30,269	17,083										
Unfilled, end of month.....number of pieces..	14,325	12,600	12,025	10,161										
Shipments.....number of pieces..	43,372	44,963	30,844	18,947										
Stocks, end of month.....number of pieces..	176,825	169,509	161,911	162,033										
Sinks, kitchen—														
Orders—														
New.....number of pieces..	43,518	44,287	34,997	19,786										
Unfilled, end of month.....number of pieces..	14,911	12,761	13,595	10,286										
Shipments.....number of pieces..	43,070	46,437	34,163	23,095										
Stocks, end of month.....number of pieces..	226,440	224,726	212,783	212,825										
Miscellaneous—														
Orders—														
New.....number of pieces..	21,911	26,854	17,418	8,959										
Unfilled, end of month.....number of pieces..	10,466	11,145	10,845	9,034										
Shipments.....number of pieces..	22,231	26,175	17,718	10,770										
Stocks, end of month.....number of pieces..	86,640	86,401	83,492	82,487										
Enameled sheet-metal ware, shipments														
.....dozen pieces..	(t)	307,068	255,782	197,080	233,267	198,878	270,198	276,725	195,540	193,434	178,296	169,974	(t)	
Price, wholesale, plumbing fixtures (6 pieces).....dollars..	(t)	95.32	96.12	94.15	93.52	88.32	88.42	84.37	(t)	(t)	(t)	(t)	(t)	
Porcelain enameled flatware:														
Orders, new, total.....dollars..	701,487	706,284	465,431	451,740	537,926	453,141	567,804	532,439	519,270	451,430	349,496	366,279	366,279	
Signs.....dollars..	213,856	206,012	159,167	224,287	234,015	207,824	261,356	236,565	216,077	202,098	148,089	131,644	131,644	
Table tops.....dollars..	175,642	205,756	110,963	83,056	97,390	72,821	94,843	78,238	90,377	87,486	52,011	75,650	75,650	
Shipments, total.....dollars..	704,428	692,415	492,242	512,019	381,607	461,070	578,134	546,255	528,084	474,987	406,066	422,296	422,296	
Signs.....dollars..	222,332	182,077	168,489	268,259	141,231	187,287	279,656	230,164	222,803	206,686	193,279	175,715	175,715	
Table tops.....dollars..	180,650	201,935	123,793	88,218	94,926	76,662	93,174	84,497	91,527	90,276	54,218	83,075	83,075	

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931					1932							
	September	September	October	November	December	January	February	March	April	May	June	July	August	
METALS AND MANUFACTURES—Continued														
IRON AND STEEL—Continued														
Sanitary Ware—Continued														
Porcelain plumbing fixtures:														
Orders—														
New, net.....number of pieces.....	3,628	4,740	3,142	2,918	2,025	2,000	1,424	2,072	1,244	1,465	1,960	2,079	3,217	
Unfilled, end of month.....number of pieces.....	3,980	7,104	5,887	6,072	4,832	3,796	3,548	2,571	3,379	3,289	3,141	3,240	3,455	
Shipments.....number of pieces.....	3,021	4,533	3,683	2,544	2,094	2,951	1,631	1,748	1,275	1,519	1,789	1,878	2,991	
Stocks, end of month.....number of pieces.....	13,560	23,450	21,957	19,597	17,992	16,715	16,328	16,117	16,309	16,302	15,324	15,036	14,479	
Vitreous china plumbing fixtures:														
Orders—														
New, net.....number of pieces.....		116,794	182,938	135,931	96,004	76,119	70,918	89,048	116,036	103,406	100,969	80,890	98,156	
Unfilled, end of month.....number of pieces.....		161,435	188,969	199,009	192,863	156,753	136,593	140,020	141,423	128,994	118,837	109,923	109,297	
Shipments.....number of pieces.....		127,954	155,404	125,891	102,150	112,229	91,078	85,619	114,633	115,833	111,126	92,751	98,782	
Stocks, end of month.....number of pieces.....		529,531	506,901	501,972	522,721	524,131	536,245	570,727	560,152	539,692	523,324	520,194	512,697	
Woodwork, plumbers':														
Orders—														
New, net.....number of pieces.....	126,743	110,372	100,275	100,194	99,791	84,514	78,293	80,726	80,226	92,254	112,636	77,247	95,232	
Unfilled, end of month.....number of pieces.....	78,836	100,556	89,409	88,895	88,150	79,233	79,027	74,732	75,548	69,355	81,288	80,112	70,669	
Shipments.....number of pieces.....	118,576	106,466	111,422	100,708	100,536	93,431	78,499	84,776	85,643	98,447	100,703	78,423	104,675	
Stocks, end of month.....number of pieces.....	118,921	199,308	191,933	190,034	201,837	167,562	166,779	161,985	158,860	149,500	145,224	140,272	135,110	
Steel: Crude and Semimanufactured														
Bars, steel, cold finished, shipments short tons.....	9,572	11,576	13,034	12,182	13,808	15,457	12,810	9,901	11,818	14,406	13,144	13,431	7,229	
Castings, steel:														
Orders, new, total.....short tons.....	11,883	23,073	22,854	20,001	20,799	17,344	17,015	16,588	12,801	11,342	12,765	9,301	10,147	
Railroad specialties.....short tons.....	3,337	6,023	6,961	7,169	6,936	4,279	3,400	4,005	2,889	2,843	1,971	1,968	1,531	
Per cent of capacity.....	8	16	16	14	14	12	12	11	9	8	9	6	7	
Production, total.....short tons.....	11,337	26,948	24,113	23,139	22,064	18,456	18,759	20,464	17,474	14,463	12,839	11,460	12,331	
Railroad specialties.....short tons.....	2,520	7,265	7,366	7,001	6,166	4,666	4,265	4,370	3,895	3,010	2,379	2,609	2,465	
Per cent of capacity.....	8	19	17	16	15	13	13	14	12	10	9	8	8	
Ingots, steel:														
Production.....thous. of long tons.....	975	1,545	1,590	1,592	1,301	1,459	1,458	1,409	1,238	1,106	897	793	832	
Per cent of capacity.....	17	28	28	30	24	26	27	24	22	20	16	15	14	
Prices, wholesale:														
Composite, finished steel.....dolls. per lb.....	.0216	.0220	.0218	.0218	.0216	.0211	.0211	.0217	.0217	.0217	.0217	.0217	.0217	
Steel billets, Bessemer (Pittsburgh).....dolls. per long ton.....	26.00	29.00	29.00	29.00	28.80	27.75	27.00	27.00	27.00	27.00	26.50	26.00	26.00	
Structural steel beams (Pittsburgh).....dolls. per lb.....	.0160	.0160	.0160	.0160	.0160	.0151	.0153	.0156	.0160	.0160	.0160	.0160	.0160	
Steel scrap, Chicago.....dolls. per gross ton.....	6.25	8.20	8.00	8.00	7.80	7.50	7.16	7.13	7.00	6.40	5.69	4.88	5.75	
U. S. Steel Corporation:														
Earnings, net.....thous. of dolls.....	4,475	2,559	1,690	1,249	1,032			1,137			3,363			
Orders, unfilled, end of mo.....thous. of long tons.....	1,985	3,145	3,119	2,934	2,735	2,648	2,546	2,472	2,327	2,177	2,035	1,966	1,970	
Steel: Manufactured Products														
Barrels, steel:														
Orders, unfilled, end of month.....thous. of barrels.....	613	914	638	549	620	925	1,176	1,139	1,029	978	791	730	617	
Production.....number of barrels.....	395,640	451,562	489,555	453,547	382,483	359,685	367,472	452,294	447,379	434,092	651,916	352,614	362,993	
Per cent of capacity.....	29.8	31.7	35.3	32.7	27.9	26.2	25.3	31.3	31.3	30.0	245.0	24.6	26.0	
Shipments.....number of barrels.....	398,241	452,960	492,145	444,201	385,435	352,135	369,882	453,621	452,191	432,455	654,561	353,336	360,509	
Stocks, end of month.....number of barrels.....	32,333	37,294	34,704	44,050	35,179	42,729	40,319	38,992	34,180	35,817	33,172	32,450	34,934	
Boilers, steel, new orders:														
Area.....thous. of sq. ft.....	659	435	401	383	267	245	373	236	245	322	351	290		
Quantity.....number of boilers.....	864	644	471	399	282	204	264	239	263	328	329	401		
Furniture, steel:														
Business group—														
Orders—														
New.....thous. of dolls.....	551	1,059	1,114	910	911	967	751	794	689	634	655	554	574	
Unfilled, end of mo.....thous. of dolls.....	497	790	826	780	615	605	548	562	497	478	462	493	524	
Shipments.....thous. of dolls.....	578	1,188	1,078	956	1,075	977	808	781	754	653	672	522	543	
Shelving—														
Orders—														
New.....thous. of dolls.....	157	304	304	267	295	267	212	265	192	152	187	114	125	
Unfilled, end of month.....thous. of dolls.....	179	383	378	419	273	272	255	260	261	217	226	185	169	
Shipments.....thous. of dolls.....	146	310	310	226	299	269	229	259	191	196	177	155	141	
Safes:														
Orders—														
New.....thous. of dolls.....	97	189	184	187	183	167	220	166	157	120	102	116	129	
Unfilled, end of month.....thous. of dolls.....	214	301	264	238	189	225	279	209	215	220	180	207	219	
Shipments.....thous. of dolls.....	102	202	222	212	210	131	165	237	150	115	143	89	118	
Lock washers, shipments.....thous. of dolls.....	50	83	85	80	81	121	115	99	92	102	78	58	43	
Plate, fabricated steel, new orders,														
total.....short tons.....	11,013	33,473	20,839	18,268	16,442	17,613	17,755	12,564	14,074	11,788	18,383	12,485	11,916	
Oil storage tanks.....short tons.....	3,753	4,024	1,955	1,755	778	4,783	4,115	1,161	1,406	2,360	2,808	3,661	4,394	
Sheets, black, blue, galvanized, and full finished:														
Orders—														
New.....short tons.....	78,925	120,688	117,195	102,867	99,706	121,258	108,441	101,559	103,011	91,414	85,191	66,301	66,132	
Unfilled, end of month.....short tons.....	86,570	167,366	159,367	147,169	119,677	126,508	118,022	102,171	99,510	85,228	85,195	77,432	81,283	
Production, total.....short tons.....	89,817	116,842	122,739	102,758	101,570	118,921	124,157	110,559	101,559	96,180	85,232	60,956	57,417	
Per cent of capacity.....	23.9	32.0	33.1	26.7	26.3	31.2	32.5	29.0	26.6	25.8	22.8	16.3	15.3	
Shipments.....short tons.....	75,490	123,371	129,365	94,975	103,400	112,971	116,715	117,685	104,637	106,893	90,157	73,191	61,284	
Stocks, end of month, total.....short tons.....	107,624	143,153	137,243	133,296	126,540	119,288	124,342	124,008	116,339	121,366	121,946	114,518	107,680	
Unsold stocks.....short tons.....	58,797	67,337	70,465	74,763	80,191	73,540	72,857	68,677	71,318	74,966	74,642	68,450	58,651	
Galvanized sheet metal ware. (See Nonferrous metals.)														
Structural steel, fabricated:														
Orders, new.....short tons.....	111,200	194,400	100,200	90,800	97,600	48,400	62,000	64,400	64,800	90,800	86,800	69,200	78,800	
Per cent of capacity.....	28	49	27	23	24	12	16	16	16	23	22	17	20	
Shipments.....short tons.....	90,800	149,200	143,600	111,600	122,800	65,600	78,000	82,400	68,400	73,600	83,200	83,600	85,600	
Per cent of capacity.....	23	37	36	28	31	16	20	21	17	18	21	21	21	
Track work, production.....short tons.....	1,430	3,472	2,162	1,948	2,373	2,936	2,765	3,229	3,340	3,061	1,975	1,890	1,797	

2 Revised.

4 Deficit for quarter

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931				1932								
	September	September	October	November	December	January	February	March	April	May	June	July	August	
METALS AND MANUFACTURES—Continued														
MACHINERY AND APPARATUS														
Air-conditioning equipment:														
Orders, new, total.....thous. of dolls..	628	1,516	1,576	1,387	1,108	753	703	688	709	795	997	578	546	
Air-washer group.....thous. of dolls..	38	81	98	85	75	30	69	67	92	111	267	48	35	
Fan group.....thous. of dolls..	330	620	630	642	514	361	388	383	386	414	452	332	290	
Unit-heater group.....thous. of dolls..	260	815	848	660	519	363	246	239	230	270	278	198	221	
Electric overhead cranes:														
Orders—														
New.....thous. of dolls..	67	84	73	44	70	65	56	52	31	47	61	13	37	
Unfilled, end of month.....thous. of dolls..	414	581	497	435	372	383	396	411	397	396	425	422	401	
Shipments.....thous. of dolls..	61	235	157	102	138	40	57	37	46	48	30	18	51	
Electrical equipment. (See Nonferrous metals.)														
Electric hoists:														
Orders, new—														
Quantity.....no. of hoists..	63	132	165	104	140	82	143	168	137	96	116	49	78	
Value.....dollars..	25,259	63,032	71,451	48,243	59,907	32,921	53,188	76,179	47,751	32,379	39,409	17,371	34,627	
Shipments.....dollars..	33,122	81,465	62,493	65,714	48,045	36,332	58,011	69,073	50,557	41,798	43,693	15,085	28,099	
Exports, machinery. (See Foreign Trade.)														
Foundry equipment:														
Orders—														
New.....1922-1924=100..	11.9	31.9	45.9	17.2	26.3	20.5	32.9	27.9	13.8	18.5	14.2	18.7	18.6	
Unfilled, end of month.....1922-1924=100..	17.6	35.6	56.8	40.8	36.5	29.1	41.3	32.1	24.4	19.7	23.1	25.8	15.2	
Shipments.....1922-1924=100..	10.2	29.6	26.2	32.9	24.9	28.8	15.7	38.3	21.4	24.5	11.1	16.5	29.8	
Fuel equipment:														
Oil burners—														
Orders—														
New.....no. of burners..	10,823	12,329	13,542	5,852	3,566	3,570	3,432	4,055	4,250	4,899	4,371	4,688	27,319	
Unfilled, end of month.....no. of burners..	717	1,869	1,177	616	378	305	369	468	512	544	473	568	2,647	
Shipments.....no. of burners..	10,753	12,536	14,234	6,413	3,804	3,643	3,368	3,956	4,206	4,867	4,442	4,593	27,240	
Stocks, end of month.....no. of burners..	8,298	9,748	8,326	8,860	9,190	9,574	9,724	9,399	9,334	10,067	10,137	9,850	29,645	
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	0	1	0	0	0	0	0	0	0	0	0	0	
Orders, new, unit system—														
Fire-tube boilers.....no. of pulverizers..	0	4	2	0	1	0	0	4	0	4	4	0	1	
Furnaces and kilns.....no. of pulverizers..	0	1	0	0	2	2	0	0	0	0	0	0	0	
Water-tube boilers.....no. of pulverizers..	3	3	1	5	2	7	12	2	4	3	12	7	5	
Stokers, large, mechanical, new orders—														
Number.....	53	96	83	62	48	54	32	39	39	39	54	58	53	
Power.....horsepower..	12,871	22,462	20,339	13,231	11,072	25,372	9,447	17,576	7,614	8,462	16,438	18,078	12,791	
Machine tools:														
Orders—														
New.....1922-1924=100..	29	56	45	51	68	59	38	33	41	39	37	25	28	
Unfilled, end of month.....1922-1924=100..	60	140	97	97	104	108	97	64	63	65	76	76	78	
Shipments.....1922-1924=100..	43	92	85	50	57	47	44	52	51	32	22	27	30	
Pumps:														
Domestic, water, shipments—														
Pitcher, hand, and windmill.....no. of units..	22,595	24,428	22,165	17,250	19,185	22,322	16,705	17,166	25,607	19,532	23,712	18,680	19,983	
Power, horizontal type.....no. of units..	324	1,084	1,057	864	376	343	446	531	534	527	747	388	412	
Measuring and dispensing, shipments—														
Gasoline—														
Hand operated.....no. of units..	1,731	2,810	3,366	2,280	2,203	2,101	1,875	2,643	2,674	2,939	3,080	2,573	2,415	
Power.....no. of units..	4,316	4,939	5,627	4,311	3,893	4,272	5,174	5,306	6,228	6,691	6,883	5,619	5,693	
Oil, grease, and other—														
Hand operated.....no. of units..	28,305	22,579	27,639	24,051	19,770	17,849	18,706	22,135	28,230	39,479	36,707	21,965	22,752	
Power.....no. of units..	1,647	1,562	1,664	619	506	1,151	411	508	649	675	532	366	751	
Steam, power, and centrifugal—														
Orders—														
New.....thous. of dolls..		599	563	475	561	449	508	598	449	488	441	391	387	
Unfilled, end of month.....thous. of dolls..		2,161	2,023	1,852	1,680	1,726	1,802	1,878	1,726	1,693	1,559	1,450	1,369	
Shipments.....thous. of dolls..		886	696	627	700	390	426	520	592	516	571	493	437	
Water-softening apparatus, shipments														
Number.....	263	500	518	458	370	268	321	363	329	286	237	154	185	
Value.....	5,088	6,909	6,267	5,237	4,009	5,245	4,224	3,934	5,984	6,209	6,769	5,441	5,818	
Woodworking machinery:														
Orders—														
Canceled.....thous. of dolls..	2	28	8	3	6	6	5	5	13	4	4	1	1	
New.....thous. of dolls..	187	345	377	312	310	209	220	246	150	165	163	162	139	
Unfilled, end of month.....thous. of dolls..	256	336	340	405	325	275	249	302	237	248	237	289	249	
Shipments—														
Quantity.....number of machines..	114	331	371	200	271	196	179	147	130	120	126	113	195	
Value.....thous. of dolls..	175	379	347	257	361	248	250	195	199	152	174	114	173	
NONFERROUS METALS AND PRODUCTS														
Metals														
Aluminum:														
Imports, bauxite.....long tons..	11,008	19,602	23,906	17,485	23,340	36,838	26,126	19,054	18,740	19,235	16,386	15,844	10,809	
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..	.0300	.0400	.0393	.0388	.0388	.0398	.0413	.0413	.0411	.0362	.0303	.0300	.0300	
Babbitt metal:														
Production, total.....thous. of lbs..	1,406	1,823	2,018	1,846	1,624	1,744	1,577	1,595	1,419	1,346	1,319	1,276	1,320	
For own use.....thous. of lbs..	298	497	552	607	577	463	434	407	359	398	461	405	325	
Sales.....thous. of lbs..	1,108	1,326	1,466	1,239	1,048	1,281	1,143	1,189	1,060	948	858	871	994	
Copper:														
Exports, refined.....short tons..	15,960	17,201	11,429	15,215	13,599	16,831	17,572	15,432	16,142	18,112	11,894	7,576	15,287	
Imports, total.....short tons..	7,064	25,279	28,630	23,467	40,186	39,078	27,814	22,521	17,910	18,242	28,139	4,936	7,153	
Ore and blister.....short tons..	6,277	18,077	17,668	11,974	21,348	15,132	12,020	11,632	8,800	7,110	15,719	4,936	6,705	
Price, electrolytic, New York.....dolls. per lb..	.0598	.0699	.0678	.0656	.0658	.0706	.0597	.0576	.0557	.0524	.0515	.0505	.0522	
Production—														
Blister, world.....short tons..	(†)	120,689	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)	
Mines, United States.....short tons..	(†)	38,276	40,458	40,904	42,841	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)	
Refined (North and South America).....short tons..	(†)	86,704	90,477	80,792	86,188	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)	
Smelter, United States.....short tons..	(†)	47,012	49,890	45,590	49,684	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)	
Shipments, domestic, refined.....short tons..	(†)	40,459	51,348	37,436	36,972	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)	
Stocks, end of month (North and South America)—														
Blister.....short tons..	(†)	178,425	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)	
Refined.....short tons..	(†)	479,896	497,995	521,094	544,278	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)	

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931				1932							
	September	September	October	November	December	January	February	March	April	May	June	July	August
METALS AND MANUFACTURES—Continued													
NONFERROUS METALS AND PRODUCTS—Continued													
Metals—Continued													
Gold. (See Finance.)													
Lead:													
Ore—													
Receipts in U. S. ore.....short tons..		33,228	32,788	28,406	28,611	31,279	29,086	25,807	24,784	23,578	24,584	20,939	20,333
Shipments, Joplin district.....short tons..	1,346	2,911	1,524	1,401	1,278	5,722	2,110	2,330	1,452	1,277	952	976	770
Refined—													
Imports.....short tons..	5,563	1,899	6,794	2,135	6,866	2,376	1,816	3,035	5,892	1,626	5,521	5,470	381
Price, pig, desilverized, N. Y. dollars per lb..	.0347	.0440	.0396	.0394	.0379	.0375	.0371	.0315	.0300	.0300	.0299	.0275	.0324
Production.....short tons..	20,498	31,966	36,546	31,671	33,576	32,180	28,081	30,345	23,236	25,902	26,068	15,819	17,118
Shipments, reported.....short tons..	26,412	38,059	34,276	31,216	30,297	27,867	26,319	31,162	26,081	24,258	21,511	19,723	28,248
Stocks, end of month.....short tons..	171,831	132,804	139,796	144,057	151,380	160,257	165,933	169,091	169,370	173,929	180,460	180,255	175,426
Silver. (See Finance.)													
Tin:													
Deliveries.....long tons..	2,680	5,015	5,385	3,550	3,380	3,550	2,825	3,285	3,440	3,135	3,540	2,265	2,585
Imports, bars, blocks, etc.....long tons..	2,668	4,882	5,607	5,301	2,130	2,412	2,254	2,497	3,100	3,725	3,234	3,098	2,399
Price, Straits, N. Y. dollars per lb..	.2476	.2468	.2276	.2281	.2135	.2184	.2203	.2186	.1924	.2095	.1964	.2093	.2296
Stocks, end of month—													
World, visible supply.....long tons..	47,739	50,722	50,602	50,583	51,313	50,043	51,300	50,780	50,716	50,562	48,945	49,125	47,177
United States.....long tons..	4,191	5,868	6,773	7,458	6,254	5,342	4,578	3,841	3,546	3,981	3,759	4,559	4,459
Zinc:													
Ore, Joplin district—													
Shipments.....short tons..	12,032	17,113	19,446	14,854	16,228	12,071	14,482	12,239	18,008	13,469	13,992	7,745	7,192
Stocks, end of month.....short tons..	64,136	81,190	84,914	85,610	83,000	89,159	87,917	86,998	85,010	84,581	74,069	70,454	67,902
Price, slab, prime, western (St. Louis).....dollars per lb..	.0332	.0374	.0338	.0321	.0315	.0301	.0282	.0279	.0273	.0253	.0278	.0254	.0276
Production, total (primary).....short tons..	13,005	21,327	21,548	20,443	21,868	22,516	21,516	22,493	20,620	18,642	16,410	14,771	13,404
Retorts in operation, end of month.....number..	12,191	20,417	21,374	19,428	19,875	22,044	21,752	22,016	20,796	20,850	18,742	18,295	14,514
Shipments, total.....short tons..	21,152	20,860	21,181	19,963	23,041	22,444	21,896	22,576	18,046	18,087	14,958	12,896	18,108
Domestic.....short tons..	21,132	20,860	21,181	19,963	23,041	22,413	21,896	22,576	18,046	18,087	14,934	12,896	18,069
Stocks, refinery, end of month.....short tons..	123,056	130,168	130,535	131,015	129,842	129,914	129,534	129,451	132,025	132,580	134,032	135,907	131,203
Electrical Equipment													
Conduits, nonmetallic, shipments, thous. of ft..		3,356	2,005	1,782	1,384	2,258	1,831	1,385	1,363	1,865	1,272	1,129	1,180
Delinquent accounts, electrical trade. (See Domestic Trade.)													
Furnaces, electric, new orders.....kilowatts..		1,231	1,862	1,513	1,277	3,610	1,982	1,111	341	427	1,792	220	106
Electrical goods, new orders (quarterly).....thous. of dollars..		157,304			151,586			99,351			98,080		
Laminated phenolic products, shipments.....dollars..		639,267	570,466	430,425	436,190	413,424	363,097	454,917	408,410	386,001	444,588	327,913	284,779
Mica, manufactured:													
Orders, unfilled, end of month.....thous. of dollars..		81	73	81	69	73	75	65	60	57	55	48	44
Shipments.....thous. of dollars..		79	76	73	73	94	86	86	63	61	55	45	49
Motors (direct current):													
Billings (shipments).....dollars..		365,930	387,770	276,905	414,642	231,826	300,456	286,353	302,526	219,293	175,105	191,601	163,242
Orders, new.....dollars..		413,864	311,793	248,265	354,236	150,148	251,509	207,778	187,096	203,503	169,601	149,407	134,651
Panelboards and cabinets, shipments.....thous. of dollars..		326	333	245	248	211	193	195	183	156	188	176	193
Porcelain, electrical, shipments:													
Nail knobs.....thous. of pieces..	(†)	3,132	3,818	2,263	1,195	1,274	1,561	966	(†)	(†)	(†)	(†)	(†)
Tubes.....thous. of pieces..	(†)	869	1,000	509	424	475	369	255	(†)	(†)	(†)	(†)	(†)
Special.....dollars..	37,257	82,485	84,617	63,044	38,748	44,699	54,941	37,840	32,451	34,805	25,479	22,468	32,074
Standard.....dollars..	20,820	42,562	40,171	29,447	19,483	25,332	25,320	17,183	19,874	19,488	15,030	15,295	19,121
Power cables, shipments.....thous. of ft..	544	806	1,137	973	743	537	623	958	698	592	684	646	696
Power switching equipment, new orders:													
Indoor.....dollars..	40,586	37,547	39,191	36,586	28,777	30,854	28,626	21,043	17,876	17,695	15,472	22,064	
Outdoor.....dollars..	188,043	244,122	323,412	197,708	116,112	85,660	69,941	51,156	52,388	52,695	50,108	48,058	
Reflectors, industrial, sales.....units..	54,691	59,103	43,287	45,000	46,261	38,748	41,322	34,538	32,327	33,163	22,061	35,094	
Vacuum cleaners, shipments.....number..	47,142	59,074	67,643	50,602	40,044	37,101	51,120	50,913	39,068	30,299	21,697	30,088	
Vulcanized fiber:													
Consumption.....thous. of lbs..	753	1,407	1,398	1,057	1,003	872	1,269	1,131	838	753	788	494	664
Shipments.....thous. of dollars..	255	332	313	262	246	270	301	261	249	216	206	208	203
Welding sets, new orders:													
Multiple operator.....units..		0	0	0	2	0	3	7	0	4	5	0	2
Single operator.....units..		115	108	89	122	83	88	91	68	70	66	71	88
Miscellaneous Products													
Brass and bronze (ingots and billets):													
Deliveries.....net tons..	2,112	3,109	3,502	2,694	2,752	2,728	2,145	2,014	2,081	1,707	1,920	1,397	1,758
Orders, unfilled, end of month.....net tons..	18,336	20,073	20,968	21,763	21,067	20,014	19,390	19,245	18,403	17,760	18,186	17,421	18,790
Brass sheets, wholesale price, mill.....dollars per lb..	.124	.152	.130	.130	.130	.133	.130	.125	.125	.123	.120	.120	.120
Copper, wire cloth:													
Orders—													
Make and hold-over, end of month.....thous. of sq. ft..	525	509	522	583	592	571	595	613	548	564	535	501	533
New.....thous. of sq. ft..	309	339	308	366	274	340	304	267	264	200	209	253	310
Unfilled, end of month.....thous. of sq. ft..	103	135	129	160	114	164	165	117	142	93	71	126	117
Production.....thous. of sq. ft..	299	333	338	312	357	204	366	317	280	194	213	199	281
Shipments.....thous. of sq. ft..	306	316	312	254	285	289	280	285	285	222	197	241	253
Stocks, end of month.....thous. of sq. ft..	865	911	910	953	1,031	880	965	998	981	950	949	892	878
Fire extinguishing equipment. (See automobiles.)													
Galvanized sheet metal ware:													
Pails and tubs—													
Production.....dozens of pieces..	(†)	110,253	98,340	67,145	72,558	87,096	110,474	121,322	126,162	89,892	89,607	75,989	(†)
Shipments.....dozens of pieces..	(†)	120,851	88,270	72,011	63,163	88,382	105,966	124,356	111,205	104,835	85,696	76,903	(†)
Other—													
Production.....dozens of pieces..	(†)	32,276	26,626	15,760	11,758	13,612	21,472	24,063	19,345	23,273	25,911	15,184	(†)
Shipments.....dozens of pieces..	(†)	36,007	27,792	16,087	9,406	13,254	19,354	21,736	25,222	28,700	26,688	13,327	(†)

† Discontinued.

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	September	September	October	November	December	January	February	March	April	May	June	July	August
PAPER AND PRINTING													
WOOD PULP													
Chemical:													
Consumption and shipments, total.....short tons.....	163,412	170,442	162,550	155,446	172,756	175,652	185,970	159,202	151,876	137,842	132,876	-----	-----
Soda.....short tons.....	21,558	19,876	18,088	22,086	23,322	22,738	23,148	21,922	21,900	16,446	17,284	-----	-----
Sulphite, total.....short tons.....	105,666	112,224	109,796	103,600	114,456	117,318	127,914	105,514	101,416	92,870	88,120	-----	-----
Bleached.....short tons.....	35,784	37,090	34,116	33,632	37,384	39,004	43,770	36,598	35,672	31,394	29,276	-----	-----
Unbleached.....short tons.....	16,698	21,170	22,684	20,628	22,624	25,026	25,818	18,738	19,122	17,576	17,466	-----	-----
Sulphate.....short tons.....	35,202	37,174	33,828	28,956	34,024	34,704	34,184	30,766	28,058	28,030	26,936	-----	-----
Other grades.....short tons.....	986	1,168	844	804	954	892	724	1,000	502	496	536	-----	-----
Imports.....short tons.....	78,793	123,374	115,179	170,986	112,680	193,954	171,944	89,600	66,540	71,692	61,127	73,721	-----
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.....	168,894	171,186	171,574	160,680	175,936	178,312	192,934	167,812	155,830	147,038	134,774	-----	-----
Soda.....short tons.....	21,528	21,226	19,336	22,682	23,998	23,878	24,212	22,928	22,676	17,892	16,192	-----	-----
Sulphite, total.....short tons.....	109,558	109,894	114,846	105,802	115,256	116,298	129,722	111,534	102,738	98,682	88,982	-----	-----
Bleached.....short tons.....	36,232	37,080	35,016	32,858	36,202	39,482	43,214	37,760	35,240	32,124	27,480	-----	-----
Unbleached.....short tons.....	19,800	19,814	26,108	22,908	25,136	24,376	28,752	22,052	19,976	21,556	21,408	-----	-----
Sulphate.....short tons.....	36,866	39,004	36,624	31,276	35,686	37,006	38,228	32,838	29,652	30,096	29,042	-----	-----
Other grades.....short tons.....	942	1,062	768	920	996	1,130	772	512	764	368	558	-----	-----
Stocks, end of month, total.....short tons.....	34,456	32,416	36,684	36,668	33,750	32,326	32,926	35,796	35,740	38,830	36,302	-----	-----
Soda.....short tons.....	3,598	4,058	4,516	4,124	3,762	3,890	3,910	3,926	3,706	4,418	3,896	-----	-----
Sulphite, total.....short tons.....	25,836	24,198	27,788	27,844	25,924	24,274	23,386	26,826	27,092	29,558	27,412	-----	-----
Bleached.....short tons.....	6,166	6,156	7,118	6,344	5,162	5,640	5,084	6,246	5,814	6,544	4,748	-----	-----
Unbleached.....short tons.....	6,388	5,724	7,402	7,536	7,328	6,048	6,286	7,020	6,818	7,452	7,186	-----	-----
Sulphate.....short tons.....	4,604	3,848	4,144	4,348	3,670	3,530	4,950	4,852	4,488	4,528	4,616	-----	-----
Other grades.....short tons.....	418	312	236	352	394	632	680	192	454	326	348	-----	-----
Mechanical (groundwood):													
Consumption and shipments.....short tons.....	106,094	110,715	113,483	110,035	110,503	101,409	110,983	103,380	105,842	98,460	81,148	-----	-----
Imports.....short tons.....	17,548	21,842	21,066	22,757	17,339	19,127	11,249	14,710	13,115	14,169	11,626	8,998	-----
Production.....short tons.....	96,920	104,788	120,963	112,954	113,174	102,095	114,066	114,862	112,325	92,452	73,006	-----	-----
Stocks, end of month.....short tons.....	82,260	76,332	83,845	86,765	89,135	89,822	92,905	104,386	109,918	103,911	95,769	-----	-----
PAPER													
Total paper, incl. box board and newsprint:													
Production.....short tons.....	587,543	596,459	544,136	517,271	556,951	549,122	600,036	536,930	505,806	481,633	445,226	-----	-----
Per cent of capacity.....	70	67	65	59	64	66	66	62	59	56	52	-----	-----
Shipments.....short tons.....	589,218	604,007	543,221	521,435	574,197	572,065	600,583	560,757	518,336	499,146	503,197	-----	-----
Stocks, end of month.....short tons.....	406,067	397,011	437,928	433,369	424,406	414,285	420,574	408,046	420,517	430,483	407,346	-----	-----
Box board:													
Orders, new—													
Coated.....p. ct. of normal production.....	43	57	56	53	52	53	52	50	43	37	39	40	-----
Uncoated.....p. ct. of normal production.....	55	57	58	59	66	66	61	55	55	44	46	52	-----
Orders, unfilled—													
Coated.....days' production.....	3	4	4	5	4	4	4	3	3	3	4	3	-----
Uncoated.....days' production.....	6	5	4	5	5	5	5	5	3	3	4	5	-----
Production.....short tons.....	98,563	102,111	95,576	103,509	100,093	98,792	107,683	97,561	94,732	86,301	73,701	-----	-----
Per cent of capacity.....	69	66	67	69	66	69	70	66	65	59	52	-----	-----
Shipments.....short tons.....	101,323	105,379	103,588	105,660	107,668	112,836	115,093	116,704	112,853	109,919	114,975	-----	-----
Stocks, end of month.....short tons.....	189,440	85,594	87,477	85,115	82,902	77,513	77,280	75,734	79,975	83,414	79,494	-----	-----
Newsprint:													
Canada—													
Exports.....short tons.....	119,277	161,171	171,031	161,835	172,914	142,445	171,651	138,786	151,758	155,896	131,780	152,761	-----
Production.....short tons.....	150,691	178,412	175,643	165,173	171,321	158,543	166,758	176,660	175,887	161,368	142,491	157,919	-----
Shipments from mills.....short tons.....	152,633	178,181	191,725	173,601	165,017	171,843	150,951	163,808	186,443	172,954	145,431	154,881	-----
Stocks, at mills, end of month.....short tons.....	48,062	50,451	42,963	48,735	54,214	53,683	61,195	63,548	53,904	57,011	50,029	47,017	50,029
United States—													
Consumption by publishers.....short tons.....	127,425	152,422	173,852	174,092	160,146	151,181	142,883	156,205	148,351	152,321	138,204	131,823	123,873
Imports.....short tons.....	133,830	159,916	180,230	176,228	168,087	166,516	127,089	151,786	165,300	175,876	146,037	138,785	147,668
Price, rolls, contract, destination, N. Y. basis.....dolls. per short ton.....	51.25	57.00	57.00	57.00	57.00	53.00	53.00	53.00	53.00	53.00	53.00	53.00	53.00
Production, total.....short tons.....	70,621	91,211	97,117	94,149	93,861	94,247	87,157	100,034	91,235	88,087	85,399	74,502	79,529
Per cent of capacity.....(t).....	64	63	66	63	63	(t)	(t)	(t)	(t)	(t)	(t)	(t)	(t)
Shipments from mills.....short tons.....	73,234	90,303	98,616	93,723	93,550	94,550	86,638	94,282	94,296	88,525	84,255	76,857	77,340
Stocks, end of month—													
At mills.....short tons.....	33,095	33,517	31,953	32,398	32,709	32,406	32,925	38,677	35,417	35,156	35,502	33,369	35,982
At publishers.....short tons.....	181,613	197,716	190,367	187,839	195,505	192,817	191,666	175,566	188,207	182,507	186,672	182,725	188,436
In transit to publishers.....short tons.....	26,191	34,379	38,022	42,064	40,495	37,612	38,913	34,570	33,295	31,692	25,361	28,561	23,195
Writing (fine) paper:													
Production.....short tons.....	26,443	27,793	27,031	27,371	32,126	31,558	33,285	27,855	26,594	21,970	21,818	-----	-----
Per cent of capacity.....	55	56	50	48	64	65	63	55	52	43	45	-----	-----
Shipments.....short tons.....	27,006	29,071	27,734	27,043	33,347	33,767	32,619	22,730	25,231	22,937	23,542	-----	-----
Stocks, end of month.....short tons.....	57,489	54,398	57,349	56,735	55,516	55,373	55,361	55,374	55,906	54,934	51,814	-----	-----
Wrapping paper:													
Production.....short tons.....	72,107	73,347	61,902	57,739	70,344	67,451	69,779	73,586	58,060	49,782	52,000	-----	-----
Per cent of capacity.....	81	79	77	65	80	80	76	83	66	56	61	-----	-----
Shipments.....short tons.....	69,151	72,027	63,821	60,280	71,329	70,082	72,361	72,997	57,654	50,927	53,300	-----	-----
Stocks, end of month.....short tons.....	80,021	81,318	79,521	76,991	76,035	73,425	70,821	71,339	72,686	71,533	70,228	-----	-----
All other grades:													
Production.....short tons.....	77,505	77,934	78,702	77,252	77,835	77,408	82,452	68,794	68,442	67,088	60,991	-----	-----
Shipments.....short tons.....	79,574	80,425	74,423	70,272	80,135	78,735	82,549	74,440	66,348	63,380	66,886	-----	-----
Stocks, end of month.....short tons.....	66,020	64,500	95,091	96,818	97,358	98,111	98,374	91,762	95,658	100,635	93,451	-----	-----

2 Revised.

† Discontinued

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931					1932						
	September	September	October	November	December	January	February	March	April	May	June	July	August
PAPER AND PRINTING—Continued													
PAPER PRODUCTS													
Abrasive paper and cloth, shipments:													
Domestic.....reams	39,897	53,373	53,348	38,272	35,433	46,061	46,700	44,820	41,643	41,059	37,735	33,312	34,835
Foreign.....reams	6,532	6,552	6,942	5,323	6,376	5,365	5,323	7,648	5,628	6,657	7,079	6,017	5,867
Binders' board, production.....short tons		1,500	1,224	1,320	1,301	1,236	1,298	1,366	1,219	1,212	1,156	999	-----
Paper board shipping boxes:													
Operating time, total.....p. ct. of normal	71	79	77	67	58	64	73	75	70	71	64	56	62
Corrugated.....p. ct. of normal	76	82	81	70	59	67	74	77	72	73	65	59	66
Solid fiber.....p. ct. of normal	57	71	66	57	54	56	68	65	63	65	60	48	48
Production, total.....thous. sq. ft.	477,032	552,650	540,293	429,315	366,440	426,371	459,436	482,114	446,653	446,455	431,167	399,160	436,358
Corrugated.....thous. sq. ft.	405,922	418,910	438,296	346,527	286,897	344,994	374,636	390,279	360,998	360,838	344,513	336,530	371,427
Solid fiber.....thous. sq. ft.	71,110	103,740	101,997	82,788	79,543	81,377	84,800	91,835	85,655	85,617	86,654	62,630	61,931
Rope paper sacks, shipments.....1921-1922=100	(†)	75	69	64	49	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)
PRINTING													
Blank forms, new orders.....thous. of sets	41,252	47,351	57,819	48,309	44,910	51,660	48,751	46,557	39,001	33,348	36,388	37,259	41,061
Book publication, total.....no. of editions	806	882	1,227	827	798	662	757	781	908	589	525	733	609
New books.....no. of editions	655	735	1,070	724	656	541	639	675	749	488	450	641	504
New editions.....no. of editions	151	147	157	103	142	121	118	106	159	101	75	92	105
Operations (productive capacity).....1923=100	-----	83	79	83	82	84	86	84	82	77	70	63	63
Sales books:													
Orders, new.....thous. of books	8,575	10,275	10,663	9,974	8,096	9,261	8,654	8,906	9,428	8,489	8,914	8,395	7,879
Shipments.....thous. of books	8,704	11,241	10,664	9,546	9,313	9,201	8,456	9,783	8,734	9,261	8,995	8,271	9,128

RUBBER AND RUBBER PRODUCTS

CRUDE AND SCRAP RUBBER													
Crude:													
Consumption, total.....long tons	20,692	21,747	20,495	21,108	19,696	25,725	27,611	25,602	23,877	26,861	35,987	26,010	20,582
For tires.....long tons	13,328	12,666	11,572	11,267	10,666	16,451	14,744	13,594	13,375	14,293	21,626	14,715	12,646
Imports, total, including latex.....long tons	29,253	38,933	41,398	45,103	53,818	33,552	28,298	45,588	38,454	34,323	41,117	32,524	33,989
Price, wholesale, smoked sheets, N. Y.dolls. per lb.	.039	.050	.050	.046	.046	.044	.039	.033	.030	.031	.027	.028	.036
Shipments, world.....long tons	64,788	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	615,246	554,458	582,009	606,197	619,066	2,626,748	2,631,895	2,629,301	2,627,627	2,639,994	2,606,456	2,592,552	2,609,584
Afloat, total.....long tons	77,735	78,620	86,227	97,013	74,080	2,71,883	2,83,580	2,72,708	2,66,114	2,80,936	2,74,089	2,68,558	2,73,558
For U. S.....long tons	57,735	62,420	68,427	77,443	53,940	2,52,793	2,64,660	2,55,238	2,50,481	2,63,096	2,53,849	2,47,368	2,53,558
London and Liverpool.....long tons	103,233	134,304	133,520	130,169	127,149	125,332	126,036	125,065	123,323	116,106	109,597	106,172	2,104,408
British Malaya.....long tons	68,101	83,182	86,033	84,710	96,677	103,774	100,379	94,401	90,945	92,437	72,665	65,805	69,569
United States.....long tons	366,177	258,352	275,750	296,305	322,000	325,759	321,900	337,127	347,215	350,515	350,105	352,017	362,049
Reclaimed rubber:													
Consumption.....long tons	4,136	6,967	6,338	5,843	5,313	6,583	6,499	5,788	4,393	4,795	5,554	4,054	3,461
Production.....long tons	5,043	8,955	8,818	7,340	8,255	8,140	8,120	8,010	5,277	4,773	5,626	5,146	3,101
Stocks, end of month.....long tons	9,982	13,781	14,273	14,130	15,406	14,970	14,927	15,781	15,283	13,411	11,978	11,596	10,387
Scrap rubber:													
Consumption by reclaimers.....long tons	36,959	-----	-----	-----	28,740	-----	-----	29,762	-----	-----	19,045	-----	-----
Stocks, at reclaimers, end of mo.....long tons	34,363	33,146	30,118	31,988	29,654	27,676	26,834	26,389	26,413	28,565	32,063	28,596	-----
TIRES AND TUBES													
Pneumatic casings:													
Production.....thousands	2,538	2,379	2,001	2,115	2,770	3,097	2,937	2,813	3,056	4,515	2,893	2,471	-----
Shipments, total.....thousands	3,145	2,281	2,310	2,225	2,602	2,042	2,363	2,958	3,406	8,293	1,923	2,124	-----
Domestic.....thousands	3,034	2,185	2,223	2,171	2,545	1,973	2,281	2,886	3,325	8,212	1,845	2,065	-----
Stocks, end of month.....thousands	6,527	6,640	6,335	6,220	6,329	7,338	7,902	7,877	7,503	3,700	4,962	5,327	-----
Solid and cushion tires:													
Production.....thousands	10	11	9	10	9	10	9	8	8	11	10	8	-----
Shipments, total.....thousands	13	14	10	11	9	10	9	8	8	22	7	8	-----
Domestic.....thousands	12	13	10	10	9	9	9	8	8	22	7	7	-----
Stocks, end of month.....thousands	46	43	42	39	37	37	37	36	35	23	25	25	-----
Inner tubes:													
Production.....thousands	2,759	2,462	1,955	2,078	2,719	3,057	2,802	2,580	2,727	4,223	2,350	2,199	-----
Shipments, total.....thousands	3,320	2,250	2,076	2,213	2,803	2,182	2,149	2,708	3,094	7,804	1,728	2,002	-----
Domestic.....thousands	3,247	2,187	2,022	2,172	2,761	2,135	2,094	2,658	3,035	7,336	1,674	1,966	-----
Stocks, end of month.....thousands	6,476	6,657	6,496	6,338	6,175	7,008	7,008	7,553	7,131	3,943	4,780	4,902	-----
Raw material consumed:													
Fabrics.....thous. of lbs.	9,585	9,263	8,361	7,981	12,156	12,518	11,292	11,084	12,045	17,480	11,707	10,116	-----
Crude rubber. (See Crude Rubber.)													
MISCELLANEOUS PRODUCTS													
Rubber bands, shipments.....thous. of lbs.	210	201	225	197	231	206	208	223	202	187	190	160	199
Rubber clothing, calendered:													
Orders, net.....no. coats and sundries	31,577	23,966	20,925	14,341	13,654	20,720	12,388	13,970	7,303	12,503	10,433	9,109	13,321
Production.....no. coats and sundries	22,770	22,728	19,773	23,255	16,221	10,130	20,405	17,649	9,711	12,886	15,333	26,849	28,254
Rubber-proofed fabrics, production, total.....thous. of yds.	4,692	4,112	2,529	2,074	2,184	2,448	2,462	2,092	1,748	2,243	2,013	2,952	-----
Auto fabrics.....thous. of yds.	301	528	445	394	380	339	233	312	202	197	308	224	268
Raincoat fabrics.....thous. of yds.	2,988	2,476	1,267	931	853	883	754	701	556	744	1,003	1,489	-----
Rubber flooring, shipments.....thous. of sq. ft.	421	595	550	462	587	358	376	422	546	399	546	329	434
Rubber and canvas footwear:													
Production, total.....thous. of pairs	3,934	4,363	4,217	4,469	3,557	3,777	3,787	4,104	4,518	4,429	2,321	3,576	-----
Tennis.....thous. of pairs	1,012	1,231	1,443	2,078	2,496	3,226	3,187	3,446	3,485	2,898	1,197	1,375	-----
Waterproof.....thous. of pairs	2,922	3,131	2,773	2,391	1,061	552	600	657	1,033	1,531	1,124	2,201	-----
Shipments, total.....thous. of pairs	5,706	5,104	3,720	4,208	3,990	4,454	4,998	5,073	5,049	4,345	2,985	3,342	-----
Tennis.....thous. of pairs	1,335	633	475	734	2,374	3,411	4,264	4,374	4,003	3,839	1,778	1,208	-----
Waterproof.....thous. of pairs	4,371	4,471	3,245	3,474	1,616	1,043	735	698	446	506	1,206	2,134	-----
Shipments, domestic, total.....thous. of pairs	5,445	4,907	3,632	4,054	3,962	4,416	4,943	5,010	4,966	4,285	2,942	3,272	-----
Tennis.....thous. of pairs	1,263	589	446	616	2,353	3,378	4,216	4,333	4,530	3,786	1,755	1,175	-----
Waterproof.....thous. of pairs	4,185	4,318	3,186	3,438	1,610	1,038	727	677	436	499	1,187	2,096	-----
Stocks, total, end of month.....thous. of pairs	20,615	19,880	20,367	20,628	20,237	19,551	19,347	18,381	17,879	17,962	17,317	17,358	-----
Tennis.....thous. of pairs	5,473	6,076	7,044	8,387	8,510	8,264	8,191	7,267	6,163	5,222	4,641	4,615	-----
Waterproof.....thous. of pairs	15,141	13,804	13,323	12,241	11,726	11,287	11,156	11,115	11,716	12,741	12,676	12,743	-----

2 Revised.

† Discontinued.

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931				1932							
	September	September	October	November	December	January	February	March	April	May	June	July	August
RUBBER AND RUBBER PRODUCTS—Continued													
MISCELLANEOUS PRODUCTS—Con.													
Rubber heels:													
Production.....thous. of pairs.....	15,827	14,567	11,455	14,138	12,316	14,787	16,368	11,737	10,259	11,299	9,868	11,073	
Shipments—													
Export.....thous. of pairs.....	501	617	591	474	290	259	305	280	275	266	261	187	
Repair trade.....thous. of pairs.....	6,994	5,924	4,537	4,622	3,431	4,575	3,785	2,656	3,651	3,708	2,449	4,260	
Shoe manufacturers.....thous. of pairs.....	9,724	7,484	6,610	8,198	8,704	8,748	9,424	6,938	6,345	8,330	7,432	9,948	
Stocks, end of month.....thous. of pairs.....	23,952	24,652	25,213	24,405	24,515	25,807	27,933	28,340	28,782	27,736	27,397	24,449	
Rubber soles:													
Production.....thous. of pairs.....	2,880	2,610	2,840	3,639	3,411	3,461	3,953	2,292	2,488	2,461	2,419	2,599	
Shipments—													
Export.....thous. of pairs.....	90	45	29	25	8	3	2	1	4	5	14	12	
Repair trade.....thous. of pairs.....	290	370	308	267	264	285	252	252	151	133	113	140	
Shoe manufacturers.....thous. of pairs.....	2,604	2,273	2,579	3,196	2,954	2,925	3,320	2,087	2,549	2,362	2,280	2,508	
Stocks, end of month.....thous. of pairs.....	2,264	2,153	2,180	2,018	2,085	2,428	2,691	2,759	2,434	2,374	2,308	2,373	
Mechanical rubber goods, shipments:													
Total.....thous. of dolls.....	3,015	2,678	2,300	2,381	2,463	2,446	2,634	2,613	2,542	2,672	2,024	2,152	
Belting.....thous. of dolls.....	788	601	483	474	483	483	491	430	420	526	524	563	
Hose.....thous. of dolls.....	1,041	972	856	919	903	966	1,174	1,251	1,131	1,095	734	785	
Other.....thous. of dolls.....	1,186	1,105	961	988	1,077	997	973	932	991	1,051	766	804	

STONE, CLAY, AND GLASS PRODUCTS

BRICK													
Common brick, wholesale price, red, N. Y.	9.25	10.00	10.00	10.00	9.75	9.75	9.75	9.75	9.75	9.75	9.69	9.30	
Face brick (average per plant):													
Orders, unfilled, end of mo.....thous. of brick.....	424	587	534	457	383	452	450	506	511	532	518	493	477
Production.....thous. of brick.....	166	434	422	325	292	197	166	203	192	220	192	138	156
Shipments.....thous. of brick.....	228	454	479	318	222	149	156	155	274	257	263	223	258
Stocks, end of month.....thous. of brick.....	3,177	3,577	3,516	3,521	3,514	3,561	3,557	3,601	3,498	3,473	3,387	3,288	3,196
Sand-lime brick:													
Orders, unfilled, end of mo.....thous. of brick.....	2,254	11,532	11,437	10,485	8,745	8,700	8,306	8,914	5,430	2,575	6,625	5,820	5,923
Production.....thous. of brick.....	2,523	6,943	6,521	4,239	3,118	2,188	1,538	1,603	2,502	2,460	2,215	2,323	2,537
Shipments by rail.....thous. of brick.....	455	872	977	648	397	449	165	125	355	157	121	194	176
Shipments by truck.....thous. of brick.....	1,808	4,922	4,657	4,604	3,630	2,561	1,580	2,089	2,575	2,919	2,518	2,057	2,508
Stocks, end of month.....thous. of brick.....	5,898	10,866	12,347	10,529	8,677	9,067	8,255	8,421	7,264	4,897	3,485	5,282	4,151
PORTLAND CEMENT													
Price, wholesale, composite.....dolls. per bbl.....	1.388	1.331	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.....	8,189	12,092	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.....	36.9	55.3	47.4	37.2	26.4	22.0	18.7	21.3	24.8	30.2	35.7	33.1	34.2
Shipments.....thous. of bbls.....	9,722	13,671	12,360	7,156	4,142	3,393	3,118	3,973	6,536	8,020	9,264	9,215	10,968
Stocks, finished, end of month.....thous. of bbls.....	17,865	22,736	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.....	6,742	6,918	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.....	1,752	1,820	1,779	1,814	1,659	2,929	2,354	1,738	1,652	1,866	1,566	1,581	1,556
Unfilled, end of month.....thous. gross.....	(†)	6,860	6,713	6,745	6,387	6,454	6,811	6,505	6,174	6,032	5,186	(†)	(†)
Production.....thous. gross.....	1,162	1,948	2,128	1,692	1,508	1,606	1,548	1,886	2,027	2,027	1,945	1,677	1,660
Per cent of capacity.....	468	62.0	64.2	55.1	47.2	52.1	50.2	56.6	63.2	63.2	60.6	53.6	49.1
Shipments.....thous. gross.....	2,027	2,310	1,941	1,537	1,396	1,743	1,764	1,963	1,919	1,901	2,018	1,551	1,757
Stocks, end of month.....thous. gross.....	5,167	5,536	5,709	5,872	6,555	5,697	5,544	5,497	5,639	5,759	5,695	5,824	5,724
Illuminating glassware:													
Orders—													
New.....per ct. of capacity.....	26.3	26.6	23.3	20.8	21.8	19.7	21.3	22.6	22.5	22.5	—	—	—
Unfilled, end of mo.....no. weeks' supply.....	2	8	7	7	8	8	8	8	9	9	—	—	—
Production, total.....no. of turns.....	782	1,679	2,276	1,877	1,774	1,463	1,301	1,374	1,393	1,357	1,423	1,059	885
Per cent of capacity.....	22.4	30.4	25.0	23.7	19.5	17.4	19.8	20.0	20.0	19.8	—	—	—
Shipments.....per ct. of capacity.....	26.0	30.1	24.0	20.7	20.2	19.1	22.0	22.3	18.6	18.6	—	—	—
Stocks, end of month.....no. weeks' supply.....	9	3.7	3.6	3.8	3.8	3.6	3.6	3.6	3.6	3.6	—	—	—
Plate glass, polished, production.....thous. sq. ft.†	3,406	4,799	4,812	3,694	6,152	5,600	6,427	4,414	5,025	3,016	4,910	2,734	1,773
TERRA COTTA													
Orders, new:													
Quantity.....short tons.....	672	4,290	1,997	1,269	2,252	1,085	2,648	2,097	925	885	781	2,504	1,377
Value.....thous. of dolls.....	62	386	194	115	223	104	237	176	100	84	63	194	118

TEXTILE PRODUCTS

CLOTHING													
Hosiery:													
Orders—													
New.....thous. of dozen pairs.....	4,716	5,058	4,902	4,155	4,413	4,333	4,686	4,235	4,624	4,496	3,363	5,844	
Unfilled, end of month.....thous. of dozen pairs.....	2,815	2,637	2,641	2,263	2,583	2,449	2,081	1,895	2,073	2,219	2,295	3,525	
Production.....thous. of dozen pairs.....	4,521	4,743	4,020	4,118	4,591	4,577	4,763	4,295	4,032	4,124	3,181	4,302	
Shipments, net.....thous. of dozen pairs.....	4,941	5,115	4,789	4,394	4,048	4,346	4,964	4,335	4,355	4,257	3,157	4,485	
Stocks, end of month.....thous. of dozen pairs.....	9,730	9,408	9,107	9,114	9,535	9,839	9,750	9,700	9,335	9,166	9,543	8,966	
Men's and boys' garments cut:													
Overcoats.....thous. of garments.....	661	542	293	174	159	295	335	101	38	50	139	285	
Separate trousers.....thous. of garments.....	2,477	2,024	1,189	1,207	1,507	1,601	1,742	1,696	1,808	1,795	1,256	1,664	
Suits.....thous. of garments.....	1,647	1,286	954	1,207	1,693	1,736	2,114	1,273	1,074	946	974	1,480	
Rubber clothing (see Rubber products).													

† Revised.

* Adjusted for degrading and year-end physical inventories.

† 1932 figures incomplete.

† Discontinued.

Earlier data, together with explanatory footnotes, may be found in the 1932 Annual Supplement to the Survey	1932	1931					1932							
	September	September	October	November	December	January	February	March	April	May	June	July	August	
TEXTILE PRODUCTS—Continued														
COTTON														
Consumption.....thous. of bales..	492	464	462	429	416	435	450	489	367	332	321	279	403	
Exports:														
Quantity, exclusive of linters.....thous. of bales..	734	558	1,014	1,071	1,181	919	970	927	545	501	360	449	452	
Value. (See Foreign Trade.)														
Ginnings (total crop to end of month).....thous. of bales..	4,835	5,410	12,130	15,024	15,358	16,002	16,629	16,629	16	23	19	71	865	
Imports.....thous. of bales..	7	5	3	6	13	13	9	10	16	23	19	8	7	
Prices:														
To producer.....dolls. per lb..	.072	.059	.053	.061	.055	.056	.058	.062	.057	.052	.046	.051	.065	
Wholesale, middling, N. Y.....dolls. per lb..	.077	.065	.064	.065	.063	.066	.068	.068	.062	.057	.053	.058	.074	
Production, crop estimate.....thous. of bales..	11,425				17,096							11,306	11,310	
Receipts into sight.....thous. of bales..	1,826	1,623	4,082	3,035	1,819	1,546	918	870	569	350	219	107	516	
Stocks, end of month:														
Domestic, total mills and warehouses.....thous. of bales..	9,056	7,072	10,566	12,137	12,056	11,669	11,144	10,333	9,697	9,072	8,477	7,922	7,638	
Mills.....thous. of bales..	1,087	776	1,116	1,441	1,631	1,637	1,633	1,566	1,533	1,463	1,323	1,219	1,090	
Warehouses.....thous. of bales..	7,969	6,297	9,450	10,696	10,426	10,032	9,511	8,767	8,164	7,609	7,154	6,703	6,548	
World visible supply, total.....thous. of bales..	8,251	7,113	9,184	10,191	10,193	10,398	10,166	9,623	9,111	8,738	8,205	7,793	7,602	
American cotton.....thous. of bales..	6,534	5,275	7,299	8,346	8,403	8,572	8,268	7,687	7,139	6,680	6,215	5,594	5,751	
COTTON MANUFACTURES														
Cotton yarn:														
Carded sales yarn—*														
Orders, unfilled, end of mo.....thous. of lbs..	35,108	29,819	32,943	32,519	31,506	31,791	32,030	31,394	28,015	26,756	25,281	26,475	33,551	
Production.....thous. of lbs..	10,136	10,858	14,703	11,574	9,349	11,518	9,411	8,646	8,858	6,433	6,223	6,999	7,191	
Stocks, end of month.....thous. of lbs..	10,315	9,382	9,461	9,832	10,861	11,350	12,009	12,436	12,771	12,554	12,473	11,738	11,188	
Prices, wholesale—														
22/1s, cones, Boston.....dolls. per lb..	.208	.201	.189	.192	.181	.175	.180	.181	.173	.162	.155	.157	.183	
40/1s, southern, spinning.....dolls. per lb..	.288	.326	.315	.312	.295	.290	.285	.284	.280	.270	.263	.255	.264	
Cotton goods:														
Abrasive cloth. (See Paper Products.)														
Cotton cloth:														
Exports.....thous. of sq. yds..	25,227	25,599	29,897	27,210	30,759	28,007	30,840	35,610	44,042	39,750	29,887	33,724	24,157	
Imports.....thous. of sq. yds..	1,155	2,185	1,958	2,551	4,026	2,513	3,959	3,925	3,514	3,182	1,911	1,861	1,166	
Cotton textiles—														
Orders—														
New (weekly average).....thous. of yds..	58,482	57,542	83,420	56,052	40,983	84,503	61,396	33,170	25,577	36,439	37,632	55,654	127,633	
Unfilled, end of month.....thous. of yds..	444,028	227,167	344,639	354,957	322,039	391,150	377,988	278,163	218,366	193,637	170,910	227,952	485,860	
Production (weekly average).....thous. of yds..	56,991	54,424	56,779	57,861	50,938	58,177	61,086	57,050	51,272	45,929	40,117	35,418	45,195	
Shipments (weekly average).....thous. of lbs..	66,848	55,610	54,052	53,472	47,567	67,225	64,686	53,135	40,526	42,621	42,177	41,394	63,156	
Stocks, end of month.....thous. of yds..	160,121	244,924	255,833	273,390	290,248	254,056	239,654	259,231	302,216	315,448	305,150	281,249	209,407	
Fiber consumption for tires. (See Rubber and Rubber Products.)														
Prices, wholesale—														
Print cloth, 64 x 60.....dolls. per yd..	.041	.041	.038	.036	.034	.036	.039	.038	.036	.031	.031	.031	.039	
Sheeting, brown, 4 x 4 (Trilon mill).....dolls. per yd..	.047	.050	.046	.047	.044	.042	.043	.044	.044	.040	.036	.037	.040	
Cotton cloth finishing:														
Printed only (mills and outside)—														
Production.....thous. of yds..	87,988	70,138	63,014	59,501	55,791	70,341	89,286	93,145	57,894	43,868	40,993	37,404	64,480	
Stocks, end of month.....thous. of yds..	59,040	76,245	78,027	81,606	76,981	66,464	73,337	86,429	88,864	86,324	71,364	71,624	62,547	
White, dyed and printed (outside mills)—														
Billings (finished goods).....thous. of yds..	52,247	49,252	48,237	40,516	48,029	44,407	55,412	61,919	49,573	37,340	36,855	25,532	38,092	
Operations.....per ct. of capacity..	57	49	48	43	41	47	59	58	46	37	33	32	42	
Orders, new, gray yardage.....thous. of yds..	58,788	45,782	44,515	38,304	40,028	51,529	50,119	53,615	34,348	32,143	28,090	27,896	48,994	
Orders, unfilled, end of mo.....days prod..	2.2	1.6	1.5	1.6	1.6	2.2	2.7	2.1	1.6	1.5	1.0	1.1	2.2	
Shipments (finished goods).....cases..	26,496	27,207	26,811	22,828	27,290	27,495	31,410	32,173	27,082	23,972	21,295	16,073	21,802	
Stocks, end of month (finished goods).....cases..	15,896	17,467	18,321	18,887	20,175	18,837	17,855	18,876	16,822	15,355	14,659	13,347	13,285	
Spindle activity:														
Active spindles.....thousands..	23,884	25,231	25,188	24,861	24,638	25,014	25,190	24,818	23,409	21,639	20,562	19,758	22,022	
Active spindle hours, total.....mills. of hrs..	6,866	6,540	6,595	6,014	5,951	6,214	6,567	6,955	5,195	4,577	4,247	3,659	5,539	
Average per spindle in place.....hours..	218	201	203	186	184	192	204	217	163	144	134	115	175	
Operations.....per ct. of capacity..	94.6	87.9	85.1	85.8	79.3	84.5	92.5	89.9	70.5	63.3	57.6	51.5	72.4	
RAYON AND SILK														
Rayon:														
Imports.....thous. of lbs..	502	239	107	71	91	21	30	76	89	48	55	285	400	
Price, wholesale, 150 denier, "A" grade, N. Y.....dolls. per lb..	.60	.75	.75	.75	.75	.75	.75	.75	.75	.65	.55	.55	.55	
Stocks, imported, end of month.....thous. of lbs..	468	474	430	362	342	338	315	308	305	347	321	286	286	
Silk:														
Deliveries (consumption).....bales..	59,694	53,819	56,668	50,645	48,432	58,793	45,909	46,761	35,779	32,923	37,466	38,382	59,905	
Imports, raw.....thous. of lbs..	8,564	7,331	9,524	6,039	8,861	7,020	6,503	5,673	4,832	4,474	4,756	4,931	7,134	
Operations, machinery activity—														
Broad looms.....per ct. of capacity..	90.5	93.0	83.9	89.4	88.9	73.5	60.2	56.3	43.2	39.5	47.1	67.6	67.6	
Narrow looms.....per ct. of capacity..	48.3	38.0	42.4	41.8	41.0	44.6	47.2	43.1	39.6	35.8	45.9	38.3	38.3	
Spinning spindles.....per ct. of capacity..	53.4	56.4	56.4	51.7	50.0	46.1	41.5	38.7	30.4	28.6	41.0	50.2	50.2	
Prices, wholesale—														
Raw, Japanese, 13-15, N. Y.....dolls. per lb..	1.805	2.315	2.266	2.315	1.970	1.963	1.891	1.617	1.421	1.231	1.194	1.231	1.647	
Silk goods, composite.....dolls. per yd..	.98	.98	.98	.98	.96	.96	.94	.93	.93	.90	.90	.90	.92	
Stocks, end of month—														
World, visible supply.....bales..	277,830	293,148	296,935	311,513	281,779	263,325	261,140	253,621	236,412	224,552	240,954	246,148	246,148	
United States—														
At manufacturers.....bales..	22,250	20,044	23,176	23,435	24,651	25,180	20,510	27,157	26,337	26,008	25,521	20,011	24,951	
At warehouses.....bales..	49,393	36,099	49,921	67,275	69,460	62,905	70,570	62,675	57,849	59,159	53,048	50,721	52,228	

* Months do not contain same number of weeks.

† Revised.

‡ As of Dec. 1.

§ As of Oct. 1.

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

TEXTILE PRODUCTS—Continued

WOOL													
Consumption, grease equivalent.....thous. of lbs.	46,055	47,548	42,990	35,424	31,625	34,253	34,426	29,384	19,954	16,519	18,933	26,719	41,361
Imports, unmanufactured.....thous. of lbs.	1,554	11,677	13,463	6,977	10,536	12,556	9,890	6,422	4,186	2,832	2,697	848	693
Operations, machinery activity:													
Sets of cards.....per ct. of capacity.....	67	61	53	48	40	50	54	45	30	30	31	38	57
Combs.....per ct. of capacity.....	106	109	74	86	65	69	76	52	36	31	39	65	85
Looms—													
Carpet and rug.....per ct. of capacity.....	24	40	38	30	26	28	30	31	28	23	18	19	19
Narrow.....per ct. of capacity.....	36	44	39	31	26	25	22	26	21	18	16	17	26
Wide.....per ct. of capacity.....	65	63	49	45	44	51	61	48	28	28	31	45	60
Spinning spindles—													
Woolen.....per ct. of capacity.....	70	63	53	46	39	52	58	45	26	30	30	39	59
Worsted.....per ct. of capacity.....	74	70	49	51	49	53	51	37	29	25	34	50	57
Prices, wholesale:													
Raw, territory, fine, scoured.....dolls. per lb.	.48	.62	.58	.58	.58	.58	.57	.52	.48	.42	.38	.36	.39
Raw, Ohio and Penn. fleeces.....dolls. per lb.	.23	.22	.21	.21	.21	.21	.21	.19	.18	.15	.14	.14	.16
Suiting, unfinished worsted, 13 oz. (at mill).....dolls. per yd.	1.175	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.300	1.125	1.125	1.135
Women's dress goods, French serge, 54" (at factory).....dolls. per yd.	.750	.925	.925	.925	.925	.900	.900	.900	.900	.880	.800	.750	.750
Worsted yarn, 2/32s, cross-bred stock, Boston.....dolls. per lb.	.85	.95	.95	.95	.93	.93	.90	.88	.87	.80	.75	.75	.76
Receipts at Boston, total.....thous. of lbs.	28,281	18,707	9,628	7,026	7,577	11,235	8,127	5,794	6,526	10,942	28,665	52,339	42,909
Domestic.....thous. of lbs.	28,209	16,595	6,567	6,163	5,350	4,928	5,131	3,758	5,414	10,272	28,134	50,934	42,764
Foreign.....thous. of lbs.	72	2,112	3,061	863	2,227	6,307	2,996	2,036	1,112	670	531	1,405	145
MISCELLANEOUS PRODUCTS													
Burlaps and fibers, imports:													
Burlaps.....thous. of lbs.	23,114	37,504	35,432	32,428	21,590	33,391	30,567	33,041	32,346	24,231	34,234	17,883	29,931
Fibers.....long tons.	25,737	17,118	17,320	13,774	19,011	22,800	20,287	17,131	11,671	17,095	25,923	23,886	24,457
Buttons and shells:													
Buttons—													
Imports, total.....thous. of gross.	69	72	62	86	69	87	87	106	76	65	76	65	93
From Philippines.....thous. of gross.	66	62	50	76	52	73	73	68	62	53	68	58	87
Fresh water pearl—													
Production.....per ct. of capacity.....	39.2	44.0	46.9	42.3	43.0	32.4	44.0	40.7	35.7	32.6	27.3	18.0	30.3
Stocks, end of month.....thous. of gross.	7,340	8,691	8,640	8,629	8,794	8,741	8,605	8,458	8,259	8,139	8,849	8,324	7,939
Shells, imports, total.....thous. of lbs.	271	534	924	1,061	485	1,733	660	665	2,009	292	233	255	751
Mother of pearl.....thous. of lbs.	219	451	445	663	416	600	606	506	299	243	223	235	184
Tagua nuts, imports.....thous. of lbs.	516	2,014	2,025	1,500	2,044	2,117	843	911	582	1,236	258	1,053	609
Elastic webbing, shipments.....thous. of dolls.	754	1,031	969	715	654	807	827	782	647	561	580	454	518
Fur, sales by dealers.....thous. of dolls.	4,016	6,609	3,760	2,651	1,644	1,638	2,184	3,260	1,947	2,447	2,247	2,233	2,879
Pyroxylin-coated textiles (artificial leather):													
Orders, unfilled, end of month.....thous. of linear yds.		2,401	2,180	1,986	1,789	2,175	2,327	2,060	1,828	1,829	1,578	1,572	1,785
Pyroxylin spread.....thous. of lbs.		2,822	2,333	1,759	2,083	2,121	2,408	2,549	2,078	2,094	1,944	1,474	1,959
Shipments, billed.....thous. of linear yds.		2,419	2,184	1,709	1,902	1,956	2,239	2,271	2,091	2,189	2,236	1,595	1,881

TRANSPORTATION EQUIPMENT

AIRPLANES													
Production, total.....number.....	168	197	121	147	115	133	169	107	106	92			
Commercial (licensed).....number.....	100	100	60	61	36	47	100	56	67	45			
Military (deliveries).....number.....	57	87	54	75	77	81	61	42	28	36			
For export.....number.....	11	10	7	11	2	5	8	9	11	11			
AUTOMOBILES													
Exports:													
Canada—													
Automobiles, assembled.....no. of cars.....	1,654	690	630	398	244	548	683	567	321	353	768	1,493	1,523
Passenger cars.....no. of cars.....	1,108	537	476	275	147	225	233	237	199	261	741	1,308	1,368
United States—													
Autos and parts, value. (See Foreign Trade.)													
Automobiles, assembled, total.....no. of cars.....	5,487	8,748	7,707	3,112	9,086	6,989	7,049	8,731	6,299	5,109	4,359	4,994	4,937
Passenger cars.....no. of cars.....	3,054	4,577	3,207	1,928	5,753	4,474	4,936	5,548	4,609	3,604	2,972	3,039	2,893
Trucks.....no. of cars.....	2,433	4,171	4,500	1,184	3,333	2,515	2,113	3,183	1,690	1,505	1,387	1,955	2,044
Financing:													
Retail purchasers, total.....thous. of dolls.	38,853	68,285	60,692	48,669	50,432	44,629	44,829	51,148	56,416	58,431	63,169	44,717	45,069
New cars.....thous. of dolls.	21,567	38,610	33,196	25,395	27,306	23,476	23,623	26,888	31,836	33,596	38,329	24,149	24,645
Used cars.....thous. of dolls.	15,991	27,581	25,882	21,891	21,860	19,974	19,942	22,780	23,065	23,258	23,355	19,225	18,909
Unclassified.....thous. of dolls.	1,295	2,094	1,614	1,283	1,267	1,179	1,264	1,481	1,514	1,587	1,445	1,342	1,516
Wholesale dealers.....thous. of dolls.	18,701	35,841	25,770	15,720	20,257	34,842	33,276	34,121	33,904	38,008	43,682	26,016	22,104
Fire extinguishing equipment:													
Shipments—													
Motor vehicle apparatus.....number.....	27	64	50	58	76	39	27	41	29	38	46	35	25
Hand types.....number.....	15,222	28,720	24,729	20,624	19,437	19,955	18,787	17,665	18,661	15,378	14,037	13,876	14,314
Production:													
Automobiles—													
Canada, total.....no. of cars.....	2,342	2,646	1,440	1,247	2,432	3,731	5,477	8,318	6,810	8,221	7,112	7,472	4,667
Passenger cars.....no. of cars.....	1,741	2,108	761	812	2,024	3,112	4,494	6,604	5,660	7,269	6,368	6,773	3,166
United States, total.....no. of cars.....	84,141	140,566	80,142	68,867	121,541	119,344	117,418	118,959	148,326	184,284	183,692	111,141	90,324
Passenger cars.....no. of cars.....	64,735	109,987	57,764	48,186	96,753	98,706	94,085	99,325	120,906	157,683	100,103	94,678	75,868
Taxis.....no. of cars.....	13	141	651	999	1,144	97	25	74	31	73	235	27	9
Trucks.....no. of cars.....	19,393	31,338	21,727	19,653	23,644	20,541	23,308	19,660	27,389	26,528	22,754	16,486	14,417
Automobile rims.....thous. rims.....	198	505	282	638	714	811	726	648	652	658	499	339	222
Registrations, new passenger cars.....number.....	82,000	124,903	102,659	75,829	77,564	87,493	82,513	92,192	121,093	131,282	148,752	104,188	93,457
Sales (General Motors Corp.):													
To consumers.....no. of cars.....	34,694	51,740	49,042	34,673	53,588	47,942	46,855	48,717	81,573	63,500	56,987	32,849	37,230
To dealers, total.....no. of cars.....	30,117	58,122	25,975	29,359	79,829	74,710	62,850	59,696	78,359	66,739	52,561	36,872	30,419
U. S. dealers.....no. of cars.....	23,545	47,895	21,305	23,716	65,650	65,382	62,539	48,383	69,029	60,270	40,148	31,095	24,151
Shipments, accessories and parts:													
Accessories, original equipment													
Jan. 1925=100.....	54	37	48	59	63	61	58	56	53	45	37	21	
Accessories to wholesalers.....Jan. 1925=100.....	66	80	73	66	57	53	52	45	55	57	49	47	
Replacement parts.....Jan. 1925=100.....	138	129	102	94	96	81	107	110	109	118	90	94	
Service equipment.....Jan. 1925=100.....	67	69	60	49	56	57	62	58	59	50	37	40	

Revised.

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TRANSPORTATION EQUIPMENT—Continued

RAILWAY EQUIPMENT													
Equipment condition:													
Freight cars owned—													
Capacity.....mill. lbs.	201,619	207,638	207,290	206,842	205,913	205,745	205,509	205,287	204,297	203,657	203,376	202,807	202,196
Number total.....thous. of cars	2,142	2,216	2,211	2,205	2,193	2,191	2,188	2,186	2,174	2,166	2,163	2,157	2,149
Bad order, total.....number of cars	262,153	194,127	194,948	196,324	187,666	195,462	206,461	209,271	218,303	230,820	234,315	245,749	253,608
Per cent of total in bad order.....	12.4	8.9	9.0	9.0	8.7	9.0	9.6	9.7	10.1	10.8	11.0	11.5	11.9
Locomotives, railway—													
Owned—													
Tractive power.....mills. lbs.	2,448	2,512	2,509	2,509	2,496	2,489	2,487	2,481	2,475	2,471	2,467	2,459	2,458
Number, total.....number	52,936	54,967	54,889	54,861	54,462	54,228	54,166	54,002	53,815	53,696	53,572	53,264	53,192
Awaiting classified repairs.....number	8,875	6,310	6,485	6,836	6,990	7,331	7,814	7,642	7,851	8,142	8,233	8,291	8,396
Per cent of total.....	17.1	11.7	12.0	12.7	13.0	13.7	14.7	14.5	15.0	15.5	15.8	16.0	16.2
Installed.....number	31	51	61	53	68	51	40	33	42	55	54	29	62
Retired.....number	287	113	139	81	46	285	102	199	229	174	178	338	133
Passenger cars—													
On railroads (end of quarter).....number		50,060			50,475			50,182			49,955		
Equipment manufacturing:													
Freight cars—													
Orders, new, placed by railroads.....cars	1,285	3	798	28	11	159	10	105	0	26	50	25	16
Orders, unfilled, total.....cars	1,275	5,100	4,610	4,252	5,042	3,650	3,214	2,974	2,712	2,429	1,851	1,572	1,404
Equipment manufacturers.....cars	0	534	314	220	1,340	259	150	150	250	0	0	0	0
Railroad shops.....cars	1,275	4,566	4,296	4,032	3,702	3,391	3,064	2,824	2,562	2,429	1,851	1,572	1,404
Shipments, total.....cars	1	780	404	150	546	320	10	3	4	153	3	3	44
Domestic.....cars	1	776	404	150	542	262	10	3	4	153	3	3	19
Locomotives, industrial electric (quarterly)—													
Shipments, total.....number	12	40			24			18			8		
Mining use.....number	12	37			24			18			8		
Locomotives, railway—													
Orders, new, placed by railroads.....number	0	1	0	20	11	0	0	0	0	0	1	0	0
Orders, unfilled, end of month—													
Equipment manufacturers (Census).....number	99	158	147	165	177	178	173	170	162	147	130	121	112
Domestic, total.....number	97	149	139	153	162	163	162	162	154	141	124	115	106
Electric.....number	96	135	132	132	130	130	130	130	128	128	123	114	105
Steam.....number	1	12	7	21	32	33	32	32	26	13	1	1	1
Railroad shops (A. R. A.).....number	4	14	4	10	9	8	6	6	6	6	6	6	5
Shipments—													
Domestic, total.....number	9	7	11	7	2	0	1	0	8	13	17	9	9
Electric.....number	9	3	3	1	2	0	0	0	2	0	5	9	9
Steam.....number	0	4	8	6	0	0	1	0	6	13	12	0	0
Exports, total.....number	2	11	4	0	0	0	4	3	0	5	6	2	1
Electric.....number	2	0	3	0	0	0	0	0	0	5	5	2	0
Steam.....number	0	11	1	0	0	0	4	3	0	0	1	0	1
Passenger cars—													
Orders, new, placed by railroads.....number	0	0	0	0	0	30	0	0	0	0	0	0	0
Orders, unfilled (end of quarter).....number	0	16			15			43			44		
Shipments, total.....number	0	0	21	0	2	0	0	1	0	0	0	0	0
Domestic.....number	0	0	0	0	2	0	0	1	0	0	0	0	0
ELECTRIC TRUCKS AND TRACTORS													
Shipments, industrial, total.....number	16	43	17	21	22	29	26	20	17	19	25	19	19
Domestic.....number	16	39	16	19	21	29	26	20	17	19	20	19	19
Exports.....number	0	4	1	2	1	0	0	0	0	0	5	0	0
SHIPBUILDING													
United States:													
Merchant vessels under construction.....thous. gross tons		294	288	279	249	252	229	174	173	186	180	161	147
Completed during month.....total gross tons	10,273	27,906	4,261	23,229	23,055	2,913	3,793	41,991	17,532	26,260	10,782	28,338	2,697
Steel.....total gross tons	9,601	25,002	1,201	19,402	19,549	1,594	2,610	33,509	13,848	22,586	7,928	27,150	240
World (quarterly):													
Launched—													
Number.....ships	53	109			90			63			84		
Tonnage.....thous. gross tons	188	387			302			124			193		
Under construction—													
Number.....ships	192	290			281			268			224		
Tonnage.....thous. gross tons	901	1,531			1,404			1,298			1,110		

CANADIAN STATISTICS

Business indexes:													
Bank debits.....1919-1924=100		129.0	103.6	114.2	111.1	105.6	116.4	109.6	109.8	102.1	115.0	122.0	
Carloadings.....1919-1924=100		82.2	82.2	81.0	83.4	81.6	89.4	84.7	91.2	84.0	83.1	71.4	
Employment in trade.....1919-1924=100		131.2	131.5	128.4	129.0	128.9	127.1	127.3	128.3	128.3	127.0	125.5	
Exports (volume).....1919-1924=100		98.6	84.0	75.2	73.0	88.0	89.7	74.2	85.6	82.0	85.0	87.3	
Imports (volume).....1919-1924=100		96.0	93.0	92.2	87.8	82.8	87.0	100.4	75.9	89.8	88.5	78.1	
Industrial production, total.....1919-1924=100		137.3	130.5	125.0	119.0	125.6	128.7	122.4	116.6	132.7	118.2	109.0	
Construction.....1919-1924=100		182.2	153.5	158.0	80.7	159.2	153.5	92.5	42.3	47.8	42.1	83.2	
Forestry.....1919-1924=100		148.5	147.0	140.9	136.8	136.5	134.2	128.6	134.8	130.6	129.0	106.0	
Manufacturing.....1919-1924=100		130.6	121.9	117.7	118.5	117.2	119.4	123.3	113.0	144.2	125.1	112.3	
Mining.....1919-1924=100		124.2	139.5	115.3	132.1	131.6	160.4	136.1	153.0	141.5	128.6	116.9	
Shares traded.....1919-1924=100		172.9	121.6	170.5	49.4	49.7	53.8	71.2	74.0	80.8	69.8	112.0	
Commodity prices:													
Cost of living index.....1926=100	81.3	87.8	86.4	86.4	85.9	85.4	84.5	83.9	83.7	81.8	81.0	80.8	81.5
Wholesale price index.....1926=100	66.9	70.0	70.4	70.6	70.3	69.4	69.2	69.1	68.4	67.7	66.6	66.6	66.8
Employment, total (first of month).....1926=100	86.0	107.1	103.9	103.0	99.1	91.6	89.7	88.7	87.5	87.5	89.1	88.7	86.3
Construction and maintenance.....1926=100	84.4	176.8	164.5	165.4	128.8	104.8	90.4	83.3	79.9	83.2	92.9	96.3	90.0
Manufacturing.....1926=100	83.1	94.7	91.8	88.8	89.6	83.9	85.9	87.0	87.3	85.8	86.0	85.4	82.6
Mining.....1926=100	96.5	105.6	108.2	107.9	107.5	105.1	102.4	101.1	101.0	97.9	96.8	95.0	94.8
Service.....1926=100	119.4	134.8	125.5	117.5	116.1	114.4	112.1	114.7	113.9	114.7	116.8	119.9	117.0
Trade.....1926=100	113.1	120.5	120.8	122.8	125.6	125.7	117.2	113.6	114.3	116.2	116.1	115.4	113.8
Transportation.....1926=100	86.5	97.8	95.2	95.4	93.5	85.6	83.4	81.9	81.9	84.3	85.5	85.9	85.3

* Revised.

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CANADIAN STATISTICS—Continued													
Finance:													
Banking—													
Bank debits.....mills. of dolls.		2,451	2,587	2,842	2,638	2,071	1,990	2,024	2,074	2,175	2,203	2,176	2,116
Exchange. (See Finance.)													
Interest rates.....1926=100..	101.9	97.1	103.3	105.4	108.6	119.8	115.9	110.6	111.3	113.2	114.4	110.6	103.3
Commercial failures.....number..	246	230	256	275	263	293	200	208	228	195	233	249	253
Life insurance, sales of ordinary life (15 cos.)													
.....thous. of dolls.	25,207	30,066	36,006	38,860	47,163	37,331	38,145	37,467	33,629	30,998	40,963	34,469	28,370
Security issues and prices—													
New bond issues, total.....thous. of dolls.	71,103	51,073	436	215,033	200	47,647	21,085	34,978	14,231	24,520	20,735	27,972	9,529
Corporation.....thous. of dolls.	180	240	150	0	200	0	6,000	0	1,660	0	50	1,350	360
Domestic and provincial													
.....thous. of dolls.	68,350	0	0	215,000	0	30,212	10,000	4,000	2,750	17,750	5,000	21,150	5,980
Municipal.....thous. of dolls.	2,573	833	286	33	0	17,435	5,085	18,478	9,821	6,770	15,685	5,472	3,189
Railways.....thous. of dolls.	0	50,000	0	0	0	0	0	12,500	0	0	0	0	0
Bond yields.....per cent.		4.65	4.95	5.05	5.20	5.74	5.55	5.30	5.33	5.42	5.48	5.30	4.95
Common stock prices, total.....1926=100..	63.0	68.6	64.6	71.9	64.8	64.8	63.5	64.1	54.0	45.8	43.2	49.6	59.0
Banks.....1926=100..	76.1	94.3	92.9	92.9	90.3	86.1	86.0	85.8	85.7	65.7	60.5	67.1	73.9
Industrials.....1926=100..	73.8	79.3	74.3	86.6	74.3	73.7	71.1	71.5	58.2	51.4	48.8	56.6	69.9
Utilities.....1926=100..	56.9	65.4	60.1	63.5	59.3	59.1	59.8	59.8	48.9	36.9	34.9	41.8	51.9
Foreign trade:													
Exports.....thous. of dolls.	42,665	49,909	56,534	58,430	54,218	39,063	37,019	41,019	27,455	41,402	41,701	43,032	41,855
Imports.....thous. of dolls.	34,504	45,379	45,933	46,911	40,290	34,115	35,596	57,448	29,794	44,361	40,743	35,711	36,527
Exports, volume—													
Automobiles. (See Transportation Equip.)													
Newsprint. (See Paper and Paper Products.)													
Wheat.....thous. of bush..	26,874	14,336	18,925	27,452	22,356	9,472	9,898	9,921	7,513	15,543	15,857	19,620	18,290
Wheat flour.....thous. of bbls.	385	557	558	476	451	332	338	415	255	462	571	446	330
Trade with U. S. (See Foreign Trade.)													
Railway statistics:													
Carloadings.....thous. of cars.		227	265	231	185	166	174	186	180	183	185	157	176
Financial results—													
Operating revenues.....thous. of dolls.		30,158	32,611	31,688	27,732	22,120	22,294	25,027	23,851	23,400	24,813	22,970	-----
Operating expenses.....thous. of dolls.		25,122	25,248	24,012	23,769	21,781	22,196	22,550	21,052	21,245	21,654	21,053	-----
Operating income.....thous. of dolls.		4,149	6,377	6,659	3,380	d. 486	d. 821	1,612	1,932	1,191	2,328	1,027	-----
Operating results—													
Freight carried 1 mile.....mills. of tons.		2,057	2,927	2,805	1,878	1,605	1,659	1,814	1,653	1,632	2,023	1,569	-----
Passengers carried 1 mile													-----
.....mills. of passengers.		152	113	92	140	113	107	125	113	110	129	147	-----
Commodity statistics:													
Production—													
Automobiles. (See Transportation Equip.)													
Electrical energy, central stations													
.....mills. of kw.-hours.		1,288	1,428	1,415	1,432	1,418	1,329	1,393	1,334	1,273	1,200	1,158	1,231
Pig iron.....thous. of long tons.	6	18	12	14	14	10	11	18	17	13	8	7	6
Steel ingots and castings													
.....thous. of long tons.	23	33	31	28	21	25	28	44	36	29	18	28	27
Livestock, inspected slaughter—													
Cattle and calves.....thous. of animals.	82	81	80	75	66	65	62	88	90	95	85	73	79
Swine.....thous. of animals.	166	204	247	259	247	264	240	233	229	255	248	192	189
Sheep and lambs.....thous. of animals.	101	117	193	98	55	48	35	37	30	23	50	64	86
Newsprint. (See Paper and Paper Products.)													
Silver. (See Finance.)													
Wheat, visible supply. (See Foodstuffs.)													
Wheat flour.....thous. of bbls.		1,516	1,694	1,812	1,175	851	842	1,054	993	1,041	1,151	1,202	1,272

d.=deficit.



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