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SURVEY OF CURRENT BUSINESS

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MONTHLY DATA THROUGH OCTOBER

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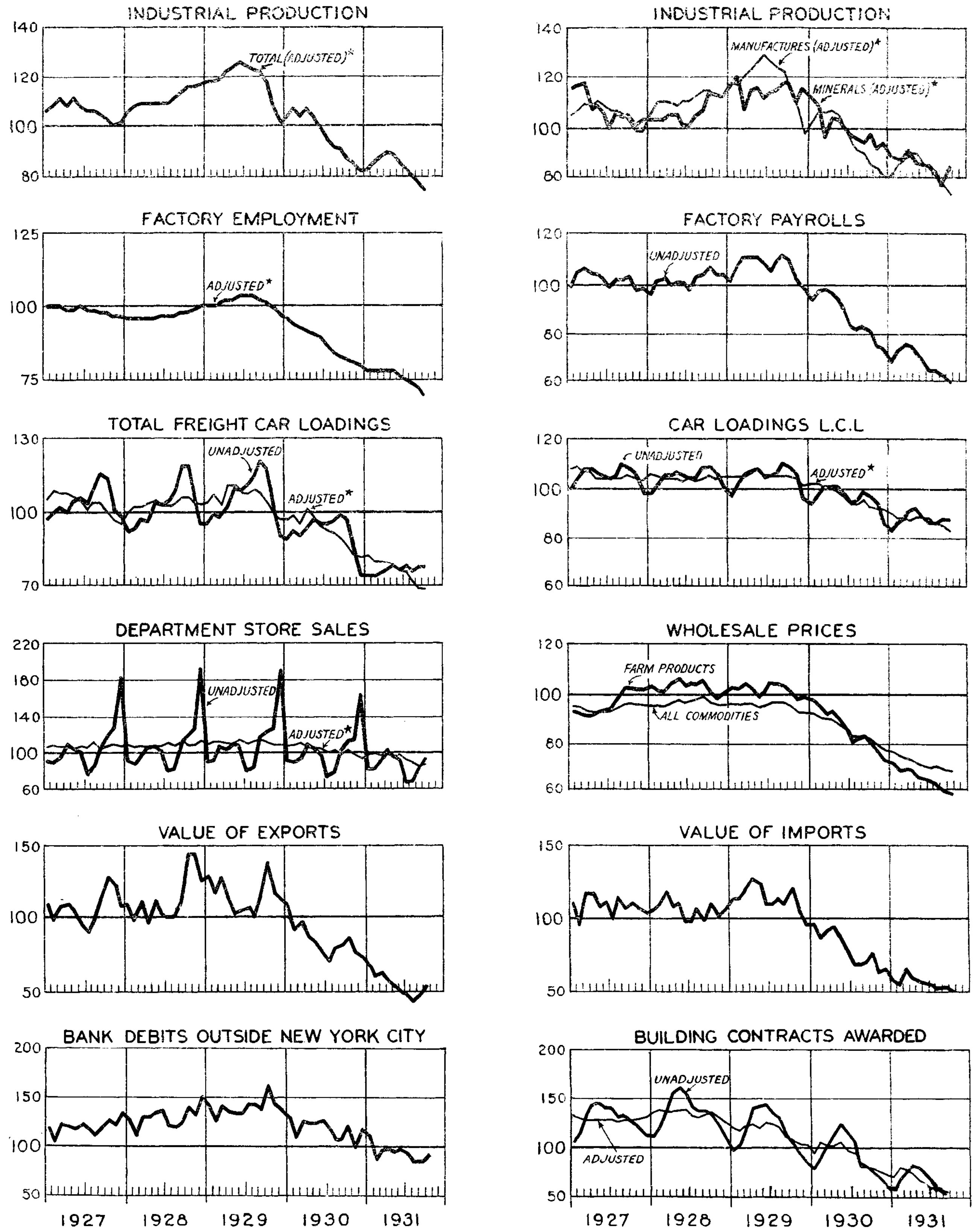
Monthly Business Indicators

1923-1925=100



* ADJUSTMENT FOR NUMBER OF WORKING DAYS AND SEASONAL VARIATION

Business Situation Summarized

FURTHER recession in general business activity occurred in October and early November, and in general such gains as were realized were less than seasonal. Retail trade expanded and for department stores alone the increase was greater than the usual gain. Industrial production declined for the sixth successive month and in October was 18 per cent below the peak of the spring rise in April. For the elapsed 10 months, the adjusted index averaged 16 per cent below a year ago while the October index was off 15 per cent. The loss in October was the result of a further drop in manufacturing, as the mineral output increased more than seasonally. The principal gains were in the output of coal and petroleum with iron ore sharply lower, and the nonferrous metal group slightly changed. Decreases in manufacturing industries were general.

Factory employment and pay rolls underwent a further contraction in October. The pay-roll index was 4 per cent below the preceding month and was only a little more than half of the peak reached in 1929. Increased employment was confined to the tobacco, and paper and printing industries, but in both the increases were less than seasonal. Pay rolls were lower, except in the paper and printing, chemical, and tobacco groups, with the largest relative decreases in the textile and leather industries which up to now have been doing relatively well.

Car loadings increased in October, but after allowing for the number of working days, the index was unchanged. Variation in the unadjusted index this year has not been large, but the adjusted index has receded steadily and in October was 16 per cent below January and 20 per cent below a year ago. Foreign trade remains restricted with a further slight recession in October imports, contrary to the seasonal trend. Exports increased following the gain of September, but, as in the preceding month, the increase was less than seasonal. The value of building contracts awarded in October declined by more than the usual seasonal amount, and a further reduction occurred in the first half of November.

Financial markets improved following the establishment of new low levels in early October. Stock prices moved irregularly upward during the last three weeks of the month, but the trend since the first week of November has been downward. Bond prices have made little progress. The extremely heavy gold export movement in late September and in October has terminated and recently there has been a substantial net gain of gold on balance.

Wholesale prices declined in October, but the lows reached early in that month were followed by some improvement.

MONTHLY BUSINESS INDEXES

Year and month	Industrial production			Factory employment and pay rolls		Freight car loadings				Department store sales, value		Foreign trade, value		Bank debits outside New York City	Building contracts, all types, value, adjusted	Wholesale prices		
						Total		Merchandise, l. c. l.										
	Total, adjusted[1]	Manufactures, adjusted[1]	Minerals, adjusted[1]	Number of employees, adjusted[1]	Amount of pay rolls, unadjusted[2]	Unadjusted[2]	Adjusted[1]	Unadjusted[2]	Adjusted[1]	Unadjusted[2]	Adjusted[1]	Exports	Imports			Combined index, 550 commodities	Farm products	Other than farm products and foods
	Monthly average 1923-1925=100															Monthly average 1926=100		
1929: October	118	118	118	101	111	118	104	109	104	122	112	139	121	163.2	107	96.3	103.9	92.7
1930:																		
October	87	85	98	82	81	97	86	97	93	112	102	86	77	120.0	78	82.6	82.6	81.5
November	85	84	92	81	75	86	84	94	92	113	98	76	63	99.9	76	80.4	79.3	80.1
December	82	80	94	80	74	74	84	86	92	165	94	72	65	117.2	73	78.4	75.2	79.0
1931:																		
January	83	81	90	78	68	74	82	83	90	79	97	66	57	110.0	71	77.0	73.5	77.8
February	86	86	88	78	73	74	80	87	89	80	98	59	54	86.6	79	75.5	70.1	77.1
March	88	88	87	78	75	75	80	89	89	92	97	62	65	98.4	77	74.5	70.6	75.6
April	90	90	92	78	74	77	80	91	88	101	106	57	58	99.5	73	73.3	70.1	74.2
May	89	89	86	78	72	79	79	92	89	97	97	54	56	95.6	66	71.3	67.1	73.2
June	84	84	85	76	68	77	77	89	89	90	95	49	55	98.4	64	70.0	65.4	71.9
July	83	83	84	75	64	78	76	87	88	65	91	48	54	93.5	61	70.0	64.9	71.8
August	79	79	79	74	64	76	72	86	86	67	88	43	52	83.8	59	70.2	63.5	72.3
September	76	76	77	73	62	78	69	88	85	87	84	48	53	84.3	59	69.1	60.5	72.0
October	**74**	**72**	**85**	**70**	**59**	**78**	**69**	**87**	**83**	**94**	**86**	**54**	**50**	**91.9**	**55**	**68.4**	**58.8**	**71.4**
Monthly average January through October:																		
1929	121	122	115	102	109	108	------	105	------	101	------	108	116	140.3	119	97.0	105.4	92.9
1930	99	99	101	89	90	94	------	98	------	95	------	86	82	119.0	94	87.8	90.7	86.2
1931	**83**	**83**	**85**	**76**	**68**	**77**	------	**88**	------	**85**	------	**54**	**55**	**94.2**	**66**	**71.9**	**66.5**	**73.7**

[1] Adjusted for seasonal variation.

[2] Adjusted for number of working days.

Finance—Credit and Banking

THE more important credit changes of the month are reflected in the combined statements of the Federal reserve banks which show sharp increases in money in circulation, in total bills discounted, and in bills bought in the open market. The increase in circulation and the foreign demands upon the gold reserves were met by an expansion of Federal reserve credit of approximately $600,000,000 during the month while the reserve ratio against note and deposit liabilities combined fell from 73.4 per cent to 56.5 per cent.

Toward the end of the month the demands by Europe upon the dollar had practically ceased. With the correction of erroneous impressions abroad concerning the "free gold" holdings of the Federal reserve system and also concerning the method of operation of the new credit corporation, gold exports virtually stopped. Since the end of October the gold holdings of the reserve banks have increased approximately $135,000,000. During the last week of the month money in circulation reversed its previously upward trend and has shown a relatively small increase since the beginning of November. Also, since the middle of October foreign funds held on deposit with the Federal reserve banks have been steadily withdrawn, not, as several weeks ago, in the form of gold exports, but rather through being reinvested in bankers' acceptances as indicated in the weekly rise in bills purchased by the reserve banks on foreign account.

October gold exports and earmarkings represented a record for one month. The cessation of the outflow was as sudden and complete as its inception had been a month before and by the beginning of November the situation, characterized by a physical export of the metal of $398,600,000 during October, had largely corrected itself. Money rates have eased slightly and a drop in acceptance rates on November 9 brought new bills into the market. The Federal reserve banks hold an unusually large proportion of the outstanding acceptances but bills subject to renewal are finding their way into the open market to meet the buying orders which it was difficult early in the present month for the dealers to meet.

Bank debits since the beginning of October have continued highly irregular although debits outside of New York showed an increase during the month as well as during the first week of November. Both loans on securities and "all other" loans by reporting member banks declined steadily throughout October and the first half of November, the reason for the drop in the latter being probably accounted for in part by the sale of bill holdings to the Federal reserve banks. Institutional liquidation of bonds, which kept the bond market weak during the period under review, is evidenced by the October decline of commercial bank investment portfolios. Postal savings deposits have shown an unusual rate of increase.

CREDIT AND BANKING STATISTICS

	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	Canada	Loans on securities	All other loans	Investments	Total bills discounted	Total bills bought in the open market	Total United States securities	Total reserve bank credit	Member bank reserve account					
	MILLIONS OF DOLLARS															Thousands of dollars
1929: October	63,325	32,202	4,713	9,179	9,755	5,496	1,000	355	321	1,742	2,666	1,541	13.0	4,810	4,372	161,583
1930:																
October	30,781	23,679	3,618	8,065	8,707	6,731	207	163	602	998	2,418	1,508	20.3	4,501	4,658	192,543
November	22,490	19,700	2,974	7,768	8,766	6,800	275	175	599	1,079	2,373	1,571	33.1	4,528	4,666	200,668
December	29,001	23,113	3,012	7,814	8,449	6,693	251	364	729	1,373	2,471	1,556	17.5	4,823	4,792	245,379
1931:																
January	24,557	21,697	2,668	7,379	8,374	6,843	232	125	610	980	2,398	1,520	46.3	4,695	4,888	278,353
February	20,948	17,084	2,535	7,313	8,151	7,183	198	109	599	925	2,343	1,520	18.6	4,598	4,928	292,059
March	27,589	19,421	2,570	7,256	8,126	7,551	250	124	599	990	2,428	1,467	28.6	4,590	5,018	302,658
April	26,821	19,620	2,786	7,052	7,941	7,903	157	163	598	937	2,371	1,422	42.0	4,647	5,059	313,775
May	25,072	18,858	3,172	6,867	7,863	7,807	174	125	598	917	2,389	1,413	53.6	4,679	5,083	325,028
June	25,893	19,406	2,694	6,746	7,945	7,795	149	106	668	943	2,381	1,368	156.1	4,750	5,156	347,417
July	21,007	18,444	2,400	6,544	7,942	7,810	195	73	678	976	2,367	1,228	−10.2	4,836	5,149	370,827
August	17.501	16,526	2,244	6.519	7,879	7,665	255	215	728	1,255	2,373	1,090	41.5	4,947	5,173	414,986
September	20,073	16,627	2,451	6,346	7,845	7,916	328	469	742	1,578	2,364	996	−258.5	5,133	5,231	460,915
October	**20,678**	**18,125**	---------	**5,897**	**7,624**	**7,700**	**728**	**681**	**727**	**2,184**	**2,167**	**1,040**	**−445.3**	**5,478**	**5,217**	**527,130**

Finance—Security and Money Markets

SECURITY and money markets were featured during October by the year's sharpest firming of money rates and by a record outflow of gold. Security prices, after reacting favorably to the President's announcement on October 6, relative to the proposed national credit corporation, weakened again but many of the gains were held throughout the month. A general rise in stock prices early in November was followed, toward the middle of the month, by a series of daily declines which carried quotations close to their early October lows.

Bond prices have also been unable to hold their gains of early October. After the suspension of gold payments in England late in September the market was called upon to absorb both stocks and bonds held abroad. The fears abroad which led temporarily to a flight from the dollar and the necessity of domestic institutions to liquidate bond holdings introduced an element of weakness for a period of several weeks into the security markets generally. With the return of confidence in the dollar late in October gold withdrawals ceased and bond prices turned upward for several days early in November.

New capital issues continued throughout October on a very low level. For the first time since the war a whole week passed during which no new issue was brought out. As compared with the corresponding months in 1929 and 1930 total dividend and interest payments showed a relatively small decline during October.

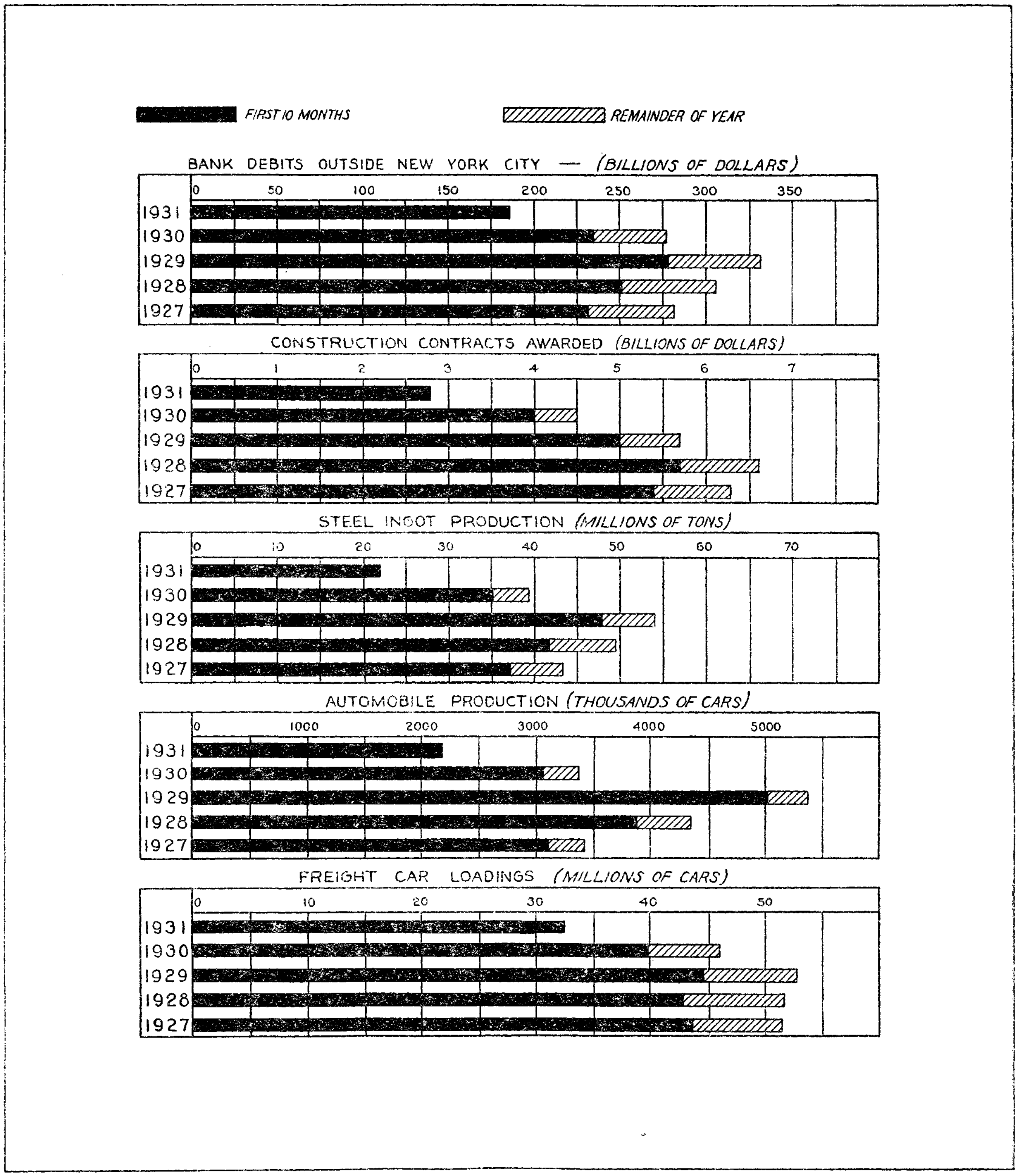
The month's money rates reflected the temporary strain placed upon the financial markets by the pressure on the dollar in foreign centers. The two increases in the New York Federal Reserve Bank's rediscount rate early in October were followed by an upward adjustment in bill rates when the greater part of the bills held by the commercial banks, foreign banks, and acceptance dealers were transferred to the Federal reserve banks. By the middle of the month commercial paper rates and rates on both call and time loans had moved to the highest levels since the end of 1930. Rates have continued firm through the first half of November, although rates on bankers' bills have been cut somewhat owing to the extremely small amount available in the open market after the closing days of October.

The steady decline in brokers' loans, which has been a feature of the security markets throughout the year, continued during October. The recent rule enforced by New York member banks, whereunder they have ceased making loans for the account of outside lenders, has had no perceptible effect owing to the small amount of such loans outstanding.

SECURITY AND MONEY MARKET STATISTICS

	Stock prices	Reported sales of stocks	Common-stock yields	Price indices of foreign listed common stock: London	Paris	Berlin	Bond yields	New capital issues	Long-term real estate bonds	Total dividend and interest payments	Range of open market money rates New York: Call money renewal	Time loans	Commercial paper	Brokers' loans: Made by reporting member banks in N.Y.C., Wed. closest to end of month	Reported by the New York Stock Exchange, end of month	Ratio to market value
	Rel. to 1926	Thousands of shares	Per cent	Rel. to Dec. 31, 1923	Relative to 1913	Price to par weighted	Per cent	Thousands of dollars			Per cent			Millions of dollars		Per cent
1929: October	201.7	141,668	3.33	122.97	518	143.2	4.73	724,166	10,275	767,859	6.43	7 -9	6¼	5,538	6,109	8.51
1930:																
October	127.6	65,497	5.05	92.68	425	105.0	4.41	151,148	6,635	777,329	2.00	2¼-2¾	3	2,512	2,556	4.65
November	116.7	51,946	5.43	92.16	395	103.4	4.46	137,622	9,965	595,028	2.00	2 -2¼	2¾-3	2,111	2,162	4.06
December	109.4	58,764	5.62	89.94	378	97.0	4.55	180,872	23,877	712,927	2.23	2 -2½	2¾-3	1,926	1,894	3.86
1931:																
January	112.3	52,543	5.50	86.30	349	90.5	4.43	399,848	4,520	1,121,434	1.57	1¾-2½	2¾-3	1,734	1,720	3.30
February	119.8	64,145	5.12	83.92	365	84.7	4.44	74,251	3,590	523,807	1.50	1¾-2	2½-2¾	1,798	1,840	3.22
March	121.6	65,494	4.95	80.70	373	97.3	4.41	269,030	2,015	594,282	1.55	2 -2¼	2½	1,875	1,909	3.58
April	109.2	54,335	5.43	81.02	362	101.2	4.43	287,471	7,235	748,873	1.52	1¾-2¼	2¼-2½	1,730	1,651	3.40
May	98.0	46,661	5.95	77.63	346	96.6	4.43	169,360	9,485	559,624	1.45	1½-2	2 -2¼	1,539	1,435	3.37
June	95.1	58,719	5.96	70.33	322	80.6	4.45	131,313	3,425	762,077	1.50	1¼-1¾	2	1,479	1,391	2.93
July	98.2	33,540	5.66	76.42	329	83.7	4.44	115,070	775	945,976	1.50	1¼-1½	2	1,390	1,344	3.03
August	95.5	24,890	5.74	72.40	309	Closed	4.50	46,197	2,100	489,858	1.50	1¼-1½	2	1,366	1,354	3.04
September	81.7	51,140	6.51	66.90	304	62.0	4.70	156,381	66,785	532,840	1.50	1¼-2	2	1,172	1,044	3.23
October	**69.7**	**47,895**	**7.28**	**70.14**	**269**	**Closed.**	**5.16**	**17,391**	**9,125**	**747,157**	**2.10**	**2¼-4**	**2 -4¼**	**869**	**796**	**2.33**

1931 in Comparison



Commodity Prices

PRICES of commodities in October were slightly lower than in September, 1931, but the decline was less than from September to October, 1930, except for prices received by farmers for the products they sell.

Wholesale commodity prices averaged about 1 per cent lower in October than in September, but the decline was less than from August to September and there was additional evidence of an underlying tendency for prices to fluctuate within a narrower range. Of the 550 commodities or price series included in the combined index of wholesale commodity prices, advances occurred in 190 instances and no change occurred in 256 others. Weekly indexes compiled by private agencies indicate that wholesale commodity prices have remained relatively steady during November. Prices of foods, of metals and metal products, of building materials and of chemicals and drugs declined less than 1 per cent and prices of house furnishing goods, of textile products, of farm products, and of hide and leather products dropped from 1.8 per cent to 3.1 per cent. Fuel and lighting materials and miscellaneous products advanced slightly from September to October, 1931. Among the subgroups of commodities drops in prices exceeding 5 per cent occurred in hides and skins, in livestock and poultry, in nonferrous metals, and in fertilizer materials.

Little change has occurred in retail prices of foods since June. On October 15, 1931, retail food prices were 17.5 per cent lower than on the corresponding date of last year. From September 15 to October 15, 1931, declines occurred in 28 of the 42 articles of foods on which retail price quotations are regularly received, prices of 8 articles advanced and those of 6 articles showed no change.

Farm prices on October 15, 1931 were 5.6 per cent lower than on the corresponding date of the preceding month as a result of drops of about 8 per cent each in prices of grains and meat animals, of 10.6 per cent in the price of cotton and cotton seed and of a fall of 15.7 per cent in prices of fruits and vegetables. Prices of dairy and poultry products advanced 6.5 per cent.

INDEXES OF COMMODITY PRICES

Year and month	Wholesale [1]															Retail		Farm [2]
	Combined index, 550 commodity quotations	Farm products	Foods	Other than farm products and foods	Hides and leather products	Textile products	Fuel and lighting	Metals and metal products	Building materials	Chemicals and drugs	House furnishing goods	Miscellaneous	Raw materials	Semimanufactures	Finished manufactures	Foods [1]	Cost of living [3]	Combined index, 30 commodities
	Monthly average, 1926=100															Mo. average 1913=100	Mo. average 1923=100	Mo. average 1909 to 1914=100
1929: October	96.3	103.09	101.2	92.7	110.5	92.7	81.7	103.6	97.8	94.2	97.1	81.3	97.1	97.9	95.8	161	101.0	140
1930:																		
October	82.6	82.6	88.6	81.5	96.5	73.8	75.1	90.4	85.8	86.0	95.3	68.8	80.0	75.5	85.6	144	94.8	106
November	80.4	79.3	85.7	80.1	94.0	73.3	71.8	90.2	85.6	85.2	95.2	67.8	76.8	75.6	83.7	141	93.9	103
December	78.4	75.2	81.8	79.0	91.2	72.4	70.5	90.0	84.4	84.8	91.3	66.9	74.2	74.3	81.9	137	92.6	97
1931:																		
January	77.0	73.5	80.1	77.8	88.6	71.0	69.8	89.3	82.9	83.6	91.1	64.7	72.9	73.4	80.5	133	91.1	94
February	75.5	70.1	77.1	77.1	86.6	70.4	69.6	88.9	81.8	82.2	90.8	63.9	70.6	72.3	79.3	127	89.6	90
March	74.5	70.6	76.7	75.6	87.4	69.2	64.5	89.0	81.9	81.9	90.8	61.7	69.4	72.2	78.4	126	89.1	91
April	73.3	70.1	75.6	74.2	87.3	67.6	61.6	88.7	80.9	80.1	90.8	63.9	68.3	71.1	77.1	124	88.2	91
May	71.3	67.1	72.9	73.2	87.3	66.3	60.9	87.8	73.4	79.1	89.2	62.8	66.5	68.9	75.1	121	86.9	86
June	70.0	65.4	72.4	71.9	87.8	65.4	58.1	87.4	77.5	77.9	88.6	61.8	64.7	68.5	74.0	118	85.9	80
July	70.0	64.9	73.1	71.8	89.2	65.4	58.2	87.5	75.8	77.3	88.0	61.0	64.3	69.5	74.0	119	85.9	79
August	70.2	63.5	73.7	72.3	88.5	64.2	62.3	87.1	75.4	75.5	87.5	58.5	64.1	68.3	74.6	120	85.9	75
September	69.1	60.5	72.9	72.0	84.8	62.9	63.3	87.2	74.9	74.8	84.7	58.4	62.7	66.3	74.0	119	85.6	72
October	**68.4**	**58.8**	**72.6**	**71.4**	**82.2**	**61.5**	**63.4**	**86.5**	**74.3**	**74.1**	**83.2**	**59.0**	**61.5**	**64.7**	**73.7**	**119**	**84.9**	**68**
Monthly average, January through October:																		
1929	97.0	105.4	100.0	92.9	109.4	94.3	81.5	104.8	97.3	94.5	96.8	80.6	97.9	96.8	96.7	156	99.9	138
1930	87.8	90.7	91.5	86.2	101.5	82.4	77.1	96.3	91.3	89.4	96.2	74.7	86.3	83.9	89.5	149	96.7	120
1931	**71.9**	**66.5**	**74.7**	**73.7**	**87.0**	**66.4**	**63.2**	**87.9**	**78.4**	**78.7**	**88.5**	**61.9**	**66.5**	**69.5**	**76.1**	**123**	**87.3**	**83**

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

Employment

A DECLINE of more than the usual seasonal proportions was recorded in factory employment during October, the seasonally adjusted index thereby receding slightly from the September figure to a new low for the depression. The unadjusted volume of wage payments to factory workers declined by almost 4 per cent from September to October.

The petroleum and rubber products industries were the only groups recording employment increases after seasonal adjustments are made. Declines in employment after seasonal adjustments are made were recorded by the following industrial groups: iron and steel, machinery, textiles, food, paper and printing, lumber, automobiles, leather, cement, clay and glass, nonferrous metals, chemicals, except petroleum, and tobacco.

During the first 10 months of the year factory employment averaged about 15 per cent under the same period last year, and 26 per cent under 1929. Pay rolls during the 10 months were 25 per cent under 1930 and 38 per cent under 1929.

A seasonal increase in employment and volume of pay rolls occurred in retail trade during October; the increase in employment from September was about the same as that recorded for the corresponding period last year. The average number of employees in retail trade during the first 10 months of the year was about 7 per cent less than during the same period last year, while pay rolls averaged about 10 per cent lower.

Both employment and pay rolls of bituminous coal mines increased from September, but the increases were smaller than those normally recorded at this season of the year. The same items for anthracite mining, on the other hand, exceeded the normal increase for the period. Bituminous coal mining employment during the first 10 months of the year averaged about 11 per cent under the same period last year, and employment in anthracite mining averaged 13 per cent under the previous year.

Both employment and pay rolls of power, light, and water companies decreased during October as compared with September. The index of employment decreased by 2.1 per cent, while pay rolls decreased by 1.2 per cent. A similar decrease was recorded during the corresponding period last year. The telephone and telegraph group reported a decline in employment of 1.1 per cent during October as compared with September, and a drop of 0.5 per cent in volume of pay rolls for the same period. Employment and pay rolls of both of these utility groups were materially under October last year.

The proportion of trade-union members employed during October was the same as for the previous three months, 74 per cent. Trade-union employment, however, was more than 6 per cent under October, 1930, and 17 per cent under 1929.

STATISTICS OF EMPLOYMENT, PAY ROLLS AND WAGES

Year and month	Factory employment F. R. B.		F. R. B. factory pay rolls, unadjusted	Bituminous coal mining		Anthracite mining		Power, light, and water		Telephone and telegraph		Retail trade		Employment agencies, applicants per 100 jobs	Employment, trade-union members	Wages, common labor in road building
	Adjusted[1]	Unadjusted		Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls			
	Monthly average, 1923-1925=100			Monthly average, 1929=100										Number	Per cent of total members	Cents per hour
1929:																
October	101.3	103.3	110.9	98.8	106.8	106.1	133.9	105.7	106.0	101.9	105.1	101.7	102.6	127	89.0	40
1930:																
October	82.2	84.3	80.8	91.8	79.4	99.0	117.2	104.8	105.6	94.5	100.9	95.5	95.1	193	79.0	39
November	81.1	81.0	75.1	92.5	79.1	97.2	98.0	103.4	103.7	93.0	97.9	98.4	96.8	227	78.0	38
December	80.1	78.8	73.7	92.5	77.7	99.1	100.0	103.2	106.3	91.6	101.3	115.1	97.7	218	77.0	37
1931:																
January	78.3	76.4	68.4	93.9	73.3	90.6	89.3	99.2	98.6	90.5	96.3	90.0	89.4	224	73.0	36
February	77.8	77.3	73.2	91.5	68.3	89.5	101.9	97.8	99.7	89.2	94.8	87.1	86.7	202	73.0	36
March	77.9	78.1	74.9	88.8	65.2	82.0	71.3	96.7	102.4	88.6	97.9	87.8	87.5	179	74.0	37
April	78.0	77.9	73.6	85.9	58.6	85.2	75.2	97.1	97.6	88.1	95.0	90.1	88.3	177	75.0	35
May	77.8	77.1	72.1	82.4	54.4	80.3	76.1	97.6	98.7	87.4	94.1	89.9	88.0	181	75.0	37
June	76.0	75.0	67.6	78.4	52.4	76.1	66.7	97.2	98.3	86.9	95.0	89.1	87.6	205	75.0	37
July	75.1	73.8	64.4	76.4	50.4	65.1	53.7	96.7	97.4	86.6	93.3	83.9	83.3	209	74.0	36
August	74.1	74.2	64.3	77.0	50.6	67.3	56.4	95.9	95.2	85.9	92.3	81.8	80.3	217	74.0	36
September	72.8	74.7	61.8	80.4	53.6	80.0	64.9	94.7	94.3	85.0	92.1	86.6	83.5	196	74.0	34
October	**70.3**	**71.4**	**59.4**	**81.3**	**56.2**	**86.8**	**91.1**	**92.7**	**93.2**	**84.1**	**91.6**	**89.8**	**84.6**		**74.0**	**35**
Monthly average, January through October:																
1929		102.0	109.1	99.8	98.6	98.9	96.2	99.3	99.1	99.7	99.5	96.7	97.4	133	88.4	39
1930		89.3	90.1	93.6	81.9	92.5	94.6	102.9	104.2	99.0	103.5	93.7	95.0	183	79.0	40
1931		**75.6**	**68.0**	**83.6**	**58.3**	**80.3**	**74.7**	**96.6**	**97.6**	**87.2**	**94.2**	**87.6**	**85.9**		**74.1**	**36**

[1] Adjusted for seasonal variation.

Domestic Trade

RETAIL trade expanded in October, although the unusually warm weather in recent weeks has adversely affected sales of seasonal merchandise. Department store sales increased by somewhat more than the usual seasonal amount, and the adjusted index advanced 2.4 per cent, the first gain since April. The dollar volume of October sales was 16 per cent below a year ago, compared with a cumulative decline for the 10 months of 11 per cent. By districts, the best relative showing was made in Boston, New York, Richmond, and Minneapolis for both the latest month and for the year to date. Stocks of merchandise in department stores increased as is usual at this season of the year, but after adjustment the index has varied but slightly in recent months and in October was 13 per cent below a year ago.

Sales of the two largest mail order houses in October also moved up seasonally, but the decrease as compared with a year ago was 24 per cent as against 16 per cent in September. The expansion in sales of 5-and-10 cent stores in October amounted to 18 per cent, which was somewhat less than the usual gain, and the adjusted index was off 2.6 per cent. Actual sales in the first 10 months of the current year were equal to those in the same period of 1930.

Merchandise l. c. l. car loadings declined after the gain of September, but the adjusted index has shown a downward trend for four months. The adjusted index in October was 2.4 per cent below September and 11 per cent below a year ago. For the 10 months to date, such loadings were off 10 per cent from the corresponding months of 1930.

Commercial failures are usually more numerous in October than in the months immediately preceding, but the total last month increased to an exceptionally high point as a result of adverse financial and business developments. After decreasing steadily since April, the number of failures increased 22 per cent over September, 1931, and 11 per cent over October, 1930. Liabilities involved were 76 per cent greater than in the preceding month and were the largest since January. For the first 10 months of this year average monthly failures increased 7 per cent as compared with a year ago, and average monthly liabilities were one-eighth greater.

Magazine and newspaper advertising continued the seasonal upward trend in October. Magazine lineage increased 19 per cent and newspaper lineage 14 per cent over the preceding month, but the cumulative total for the 10 months was 22 per cent and 11 per cent, respectively, below a year ago. Postal receipts have been moving upward since August, and in October were 11 per cent below a year ago. Average monthly receipts for the elapsed 10 months of the current year have been 9.2 per cent below the same period of 1930 and 13 per cent below the 1929 level.

DOMESTIC TRADE STATISTICS

Year and month	Department store sales: Unadjusted [1]	Department store sales: Adjusted [2]	Department store stocks: Unadjusted [3]	Department store stocks: Adjusted [2]	Freight car loadings, merchandise, l. c. l.: Unadjusted	Freight car loadings, merchandise, l. c. l.: Adjusted [2]	Five-and-ten cent-store sales: Unadjusted	Five-and-ten cent-store sales: Adjusted [2]	Mail-order sales, 2 houses	Postal receipts, 50 selected cities	Commercial failures: Failures	Commercial failures: Liabilities	Advertising lineage: Magazine	Advertising lineage: Newspaper	Money order value, paid
	Monthly average, 1923-1925=100								Thousands of dollars		Number	Thousands of dolls.	Thousands of lines	Millions of lines	Thousands of dolls.
1929: October	122	112	112	101	109	104	176	159	79,256	35,743	1,822	31,314	3,050	119	107,699
1930:															
October	112	102	101	92	97	93	168	151	68,878	32,279	2,124	56,297	2,527	98	90,647
November	113	98	104	92	94	92	159	158	55,713	28,379	2,031	55,261	2,488	89	79,934
December	165	94	85	91	86	92	298	153	72,486	38,572	2,525	83,683	2,265	82	91,923
1931:															
January	79	97	78	88	83	90	124	161	41,459	29,172	3,316	94,608	1,585	76	78,273
February	80	98	81	86	87	89	127	163	39,422	26,405	2,563	59,608	1,992	72	70,935
March	92	97	87	84	89	89	144	159	43,608	30,178	2,604	60,387	2,203	90	81,747
April	101	106	85	83	91	88	160	168	52,078	29,257	2,386	50,868	2,421	89	90,646
May	97	97	85	83	92	89	155	167	50,070	27,844	2,248	53,371	2,375	88	81,956
June	90	95	80	82	89	89	147	161	49,480	26,442	1,993	51,656	2,191	80	79,311
July	**65**	91	75	81	**87**	88	**139**	147	**45,093**	**24,578**	**1,983**	60,998	**1,613**	67	**76,365**
August	67	88	76	79	86	86	142	159	43,004	23,389	1,944	53,025	1,316	67	71,622
September	87	84	84	81	88	85	141	155	45,955	26,335	1,936	40,256	1,603	77	74,679
October	**94**	**86**	**88**	**89**	**87**	**83**	**167**	**151**	**52,280**	**28,618**	**2,362**	**70,660**	**1,911**	**88**	....
Monthly average, January through October:															
1929	101	....	99	....	106	....	148	....	57,127	31,467	1,908	26,374	2,676	102	89,227
1930	95	....	94	....	98	....	145	....	53,450	29,978	2,180	52,934	2,453	89	84,305
1931	**85**	....	....	....	**88**	....	**145**	....	**46,185**	**27,222**	**2,334**	**59,544**	**1,921**	**79**	....

[1] Corrected to average daily sales. [2] Adjusted for seasonal variation. [3] End of month figures.

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Foreign Trade

UNITED STATES exports during October increased approximately 14 per cent in value as compared with the exports in September, while imports fell off about 1 per cent. The gain in the former was only slightly less than the normal seasonal increase of 16 per cent, but the drop in imports was contrary to a normal upswing of 7 per cent. The export merchandise balance in October was $36,000,000.

Exports of gold in October—$398,600,000—represented in part amounts earmarked for foreign account during September. Gold imports of $60,900,000 were 26 per cent greater than the imports in September. Exports of gold were shipped largely to France, Netherlands, Switzerland, and Belgium, whereas imports originated in Japan, Argentina, Canada, Sweden, and China, in the order mentioned.

A decline in our exports of industrial machinery during October and the relatively small seasonal expansion in shipments of leaf tobacco were important factors in the less-than-seasonal increase in the value of merchandise exports. Although quantity exports of cotton were considerably lower than the average for the corresponding month of the period 1925 to 1929, inclusive, they were larger than in October, 1930, and showed about the normal increase over shipments in September. Leaf-tobacco exports amounted to only 49,200,000 pounds in comparison with 78,300,000 pounds in the corresponding period of 1930. Shipments of wheat, which had been comparatively small for the first three quarters of 1931, increased considerably during October. Exports to China (including Hong Kong and Kwantung) were heavy, amounting to 4,300,000 bushels, or 36 per cent of the total shipments. Exports of apples and both canned and evaporated fruits showed the usual fall expansion.

Although the decline in the value of exports during October, 1931, in comparison with the corresponding period of 1930, was smaller than the decrease recorded during the two months immediately preceding, it amounted to approximately 37 per cent. Quantity shipments of tobacco, copper, rubber manufactures, cotton cloth, lumber, iron and steel, gasoline, various classes of machinery and automobiles, were considerably smaller and sharp recessions in the price of unmanufactured cotton as well as of practically all other commodities contributed very substantially to the drop in value.

In import trade for the period January–October, 1931, as compared with the corresponding period of 1930, our quantity purchases of coffee, cocoa, and raw silk increased, while crude rubber, cane sugar, newsprint and unmanufactured wool fell off only slightly.

EXPORTS AND IMPORTS

Year and month	Exports, including reexports[1]	Exports of United States merchandise											General imports				
		Crude materials		Foodstuffs				Semimanufactures	Finished manufactures				Total	Crude materials	Foodstuffs	Semimanufactures	Finished manufactures
		Total	Raw cotton	Total	Wheat and flour	Meats and fats	Fruits and preparations		Total	Machinery	Automobiles, parts, and accessories	Gasoline					
	Millions of dollars																
1929: October	528.5	174.3	128.9	71.8	19.5	16.1	18.6	64.6	211.7	52.9	32.7	26.3	391.1	126.5	52.3	82.3	100.0
1930:																	
October	326.9	104.8	64.8	47.2	11.3	9.8	17.1	38.0	132.7	30.8	14.5	21.8	247.4	77.5	56.0	45.6	68.3
November	289.0	90.9	59.3	45.6	7.8	11.0	17.5	33.1	115.8	33.2	14.1	12.4	203.6	59.2	48.4	38.3	57.8
December	274.9	76.7	47.2	40.5	6.3	9.8	15.1	33.9	119.7	36.1	15.3	13.7	208.6	69.1	52.3	38.1	49.2
1931:																	
January	249.6	58.6	31.2	35.5	4.9	12.2	10.7	34.5	117.1	37.7	14.4	13.8	183.1	59.4	42.1	36.9	44.8
February	224.3	47.7	25.4	29.5	3.2	10.6	8.9	27.5	116.1	44.0	16.1	10.6	174.9	56.4	46.1	31.5	41.2
March	235.9	56.5	36.0	33.0	3.9	10.1	10.7	31.4	110.3	29.4	18.5	8.4	210.2	64.0	56.6	39.8	49.2
April	215.1	40.0	22.9	28.2	5.7	8.5	6.4	30.6	111.1	31.1	18.0	10.7	185.7	54.7	51.9	33.4	45.7
May	204.0	36.5	18.9	29.4	7.4	7.8	6.5	29.9	103.5	26.6	14.2	12.5	179.7	54.7	49.6	30.4	45.5
June	187.1	29.1	13.5	28.7	8.8	7.1	5.7	24.5	97.7	28.3	12.8	7.2	173.5	52.4	47.2	29.8	44.2
July	180.7	28.3	13.5	32.3	11.6	6.8	7.6	28.0	88.3	22.7	11.5	9.0	174.5	50.0	47.1	30.0	47.5
August	164.8	25.5	9.9	28.1	7.0	6.4	8.0	23.9	84.1	20.4	10.7	8.8	166.7	47.7	45.4	28.3	45.3
September	180.2	44.4	23.5	28.4	6.7	6.3	9.2	21.4	83.2	24.7	8.7	7.2	170.4	52.9	35.1	30.3	52.0
October	**205.0**	**63.6**	**39.8**	**39.3**	**8.8**	**7.1**	**16.2**	**21.2**	**77.3**	**20.2**	**8.5**	**7.2**	**168.7**	**52.4**	**36.8**	**29.0**	**50.5**
Cumulative, January through October:																	
1929	4,372.2	871.6	573.4	628.9	157.3	169.2	109.3	622.7	2,177.8	512.2	488.1	223.8	3,751.1	1,321.5	827.3	761.1	841.2
1930	3,279.3	661.4	390.2	455.1	143.4	132.7	77.1	445.9	1,663.4	448.7	248.1	224.5	2,648.7	873.8	593.0	531.8	650.1
1931	**2,046.7**	**430.3**	**234.7**	**312.3**	**68.1**	**82.9**	**90.0**	**276.2**	**987.9**	**284.9**	**133.2**	**95.1**	**1,787.4**	**544.6**	**457.6**	**319.2**	**466.0**

[1] Reexports of foreign merchandise during October, 1931, were $3,515,000.

Transportation

COMMODITY distribution during October, as reflected by the average daily total freight-car loadings, was of about the same proportions as during September and the seasonally adjusted index of the Federal Reserve Board was unchanged from the September figure. Average daily loadings during October were 20 per cent under October, 1930, and 34 per cent under 1929. The average monthly car loadings during the first 10 months of the year were 19 per cent under the corresponding period in 1930 and 29 per cent under 1929.

The daily average movement of merchandise in less-than-carload lots during October decreased by about 1 per cent, and the seasonally adjusted index of the Federal Reserve Board was 2 points below the September figure. October loadings of merchandise were about 10 per cent under October, 1930, and 20 per cent under 1929. During the first 10 months of the current year the average monthly merchandise movement by the railroads was 10 per cent under the same period in 1930, and 17 per cent under 1929. Coal and coke was the only commodity group to register a material increase in car loadings as compared with September, after corrections are made for the number of business days in the two months. During the first 10 months of the year 18 per cent less loadings of coal and coke were reported than for the corresponding period in 1930. Car loadings of ore during the 10-month period were only about one-half those during the same period last year.

The number of idle freight cars was the lowest since November of last year. A drop in number of idle cars was recorded from September to October, although an increase is usual at this season of the year. While the October surplus was the smallest of the year so far, it was still 132,000 cars, or 33 per cent, above the number of idle cars on hand during October, 1930. The October surplus was 24 per cent under the peak recorded in December, 1930.

Monthly payments of dividends by railroads during the first 10 months of the year averaged $38,810,000, compared with $43,280,000 during the same period in 1930 and $38,980,000 in 1929.

The seasonal decrease in traffic tonnage through the Sault Ste. Marie Canal which started in September was continued through October. Traffic through the Cape Cod Canal increased by 12 per cent as compared with the September tonnage.

RAIL AND WATER TRAFFIC

Year and month	Freight-car loadings: F. R. B. index: Adjusted (1)	Freight-car loadings: F. R. B. index: Unadjusted (1)	Freight-car loadings: Total	Freight-car loadings: Merchandise, l. c. l.	Freight-car loadings: Grain and products	Freight-car loadings: Livestock	Freight-car loadings: Coal and coke	Freight-car loadings: Forest products	Freight-car loadings: Ore	Freight-car loadings: Miscellaneous	Freight-car surplus	Dividend payments, steam railways	Canal and river traffic: Canals: Sault Ste. Marie	Canal and river traffic: Canals: New York State	Canal and river traffic: Canals: Cape Cod	Canal and river traffic: River: Mississippi (Govt. owned barges)	Panama Canal traffic, both directions	Ocean traffic clearances, American ports
	Monthly average, 1923-1925=100		Thousands of cars [1]									Thous. of dollars	Thousands of short tons				Thous. of long tons	Thous. of net tons
1929: October	104	118	5,752	1,357	224	183	1,066	314	286	2,321	124	45,500	11,213	491	244	137	1,344	3,041
1930:																		
October	86	97	4,751	1,206	201	161	917	197	189	1,871	403	44,100	9,694	608	230	103	1,133	2,651
November	84	86	4,127	1,133	190	140	852	174	92	1,546	580	38,500	5,130	390	225	83	1,009	2,501
December	84	74	2,784	820	143	94	638	121	22	946	707	30,000	312	0	225	108	953	1,991
1931:																		
January	82	74	3,491	997	196	124	817	156	26	1,175	647	55,600	0	6	234	76	953	1,843
February	80	74	2,836	842	165	88	584	138	22	997	651	44,900	0	0	166	70	864	1,695
March	80	75	2,940	886	153	79	555	138	23	1,105	622	45,500	0	0	163	83	910	1,773
April	80	77	2,986	899	151	85	486	130	29	1,206	603	38,100	922	349	203	82	929	2,092
May	79	79	3,736	1,097	180	106	611	165	80	1,496	616	32,500	4,335	457	217	100	937	2,525
June	77	77	2,991	876	140	75	465	125	119	1,192	599	34,000	6,645	385	203	86	828	2,241
July	76	78	2,931	830	220	71	452	106	139	1,113	564	41,500	7,611	506	211	104	820	2,742
August	72	76	3,747	1,069	228	106	617	138	175	1,413	574	33,500	8,385	425	186	104	859	2,734
September	69	78	2,908	841	149	96	516	104	121	1,081	564	26,500	7,126	587	198	107	884	2,478
October	**69**	**78**	**3,813**	**1,081**	**193**	**145**	**755**	**123**	**102**	**1,415**	**535**	**36,000**	**6,248**	**505**	**221**	**105**	**930**	**2,420**
Monthly average, January through October:																		
1929		108	4,567	1,129	208	119	814	285	215	1,796	203	38,980	8,519	254	178	112	1,236	2,685
1930		94	3,991	1,049	198	108	711	211	158	1,555	432	43,280	6,746	322	205	96	1,124	2,746
1931		**77**	**3,238**	**942**	**177**	**98**	**586**	**132**	**84**	**1,219**	**598**	**38,810**	**4,127**	**321**	**200**	**92**	**892**	**2,254**

[1] Daily average basis.

[2] Data for January, May, August, November, and October are for 5 weeks; other months, 4 weeks.

Construction

CONSTRUCTION activity during October was marked by a slight increase in residential building, although this revival was confined to only a few sections of the country. The construction of public works and utilities declined from that of the previous month, as did other classes of nonresidential building, and the total value of all types of construction showed a decrease from that in September, although the measurable volume was slightly larger. The seasonal decline in the production, shipments, and new orders of important building materials continued, and the index of construction costs dropped to a new low. Building-material prices for both frame and brick houses showed an increase over those of the previous month.

The total volume of all types of construction contracts awarded increased 2 per cent from September, 1931, but was 22 per cent less than in October, 1930. The total value declined 4 per cent from September and 28 per cent from that of October, 1930. For the 10 months of 1931, volume and value decreased 27 and 30 per cent, respectively, compared with a year ago.

Residential building increased 17 per cent in terms of the total number of square feet and 11 per cent in value from September, but a comparison with October a year ago shows a decline of 32 per cent in volume and 42 per cent in value. During the first 10 months of this year the value decreased 23 per cent from that of the same period in 1930. The value of contracts awarded for public works and utilities fell 3.1 per cent below that of September and was 27 per cent less than in October, 1930.

The shipments of maple flooring declined 14 per cent from those in September, but were only 6.3 per cent less than in the same month last year. Oak flooring shipments declined 6.6 per cent, and cement production fell off 11 per cent from the preceding month. New orders for fabricated structural steel were 44 per cent less than in September.

The index of construction costs (composed of the prices of structural steel shapes, cement, lumber, and the rates paid common labor) declined 0.9 per cent, but building material prices for frame and brick houses rose 1.3 and 0.6 per cent, respectively.

BUILDING MATERIALS, CONSTRUCTION, AND REAL ESTATE

Year and month	Building contracts awarded: F. R. B. index (3 months moving average of values unadjusted)	Building contracts awarded: All types of construction		Building contracts awarded: Residential building		Building contracts awarded: Public works and utilities		Building materials: Maple flooring, Shipments	Building materials: Oak flooring, Shipments	Building materials: Cement, Production	Building materials: Fabricated structural steel, New orders	Building material prices: Frame house	Building material prices: Brick house	Construction cost, Eng. News-Rec.	Real-estate market activity—deeds recorded	Long-term real-estate bonds: Total	Long-term real-estate bonds: 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	
1929: October	104	65.6	446	28.8	137.7	1,229	87.9	6,087	32,987	16,731	320	178	183	206.3	85.8	19,275	13,575
1930:																	
October	75	39.5	337	22.3	104.7	339	113.0	2,886	20,649	14,410	209	171	176	198.7	74.0	6,635	1,210
November	68	33.1	254	18.8	80.8	468	76.4	2,554	15,844	11,098	151	165	172	198.5	64.6	9,965	1,595
December	59	29.1	249	14.7	70.9	697	73.6	1,811	17,152	8,480	153	168	174	196.9	68.9	29,877	530
1931:																	
January	58	24.6	228	12.2	54.4	393	95.2	2,351	18,365	6,595	162	163	170	194.5	66.0	4,520	2,850
February	68	28.3	235	15.6	77.9	246	78.6	2,676	21,713	5,020	158	165	171	196.6	66.7	3,590	1,500
March	77	38.0	370	22.1	100.9	522	151.7	3,017	26,243	8,245	184	163	170	194.5	61.7	2,015	1,000
April	82	39.4	337	22.6	95.9	785	133.0	3,226	28,155	11,245	293	157	167	191.6	62.0	7,235	1,700
May	78	38.9	306	21.9	88.9	387	108.9	3,315	27,745	14,010	153	160	167	189.3	61.3	9,485	0
June	74	35.0	332	16.9	72.7	2,367	154.5	3,778	23,131	14,118	177	158	166	187.4	58.4	3,425	1,000
July	68	33.8	286	15.9	63.9	1,233	116.3	3,447	25,691	13,899	159	155	164	174.4	61.1	775	600
August	63	30.6	233	14.1	60.2	737	73.0	3,397	21,464	13,549	124	156	163	171.4	59.8	2,100	565
September	59	30.1	251	13.0	54.6	353	85.1	3,144	19,486	12,092	197	154	161	171.4	....	66,785	395
October	**52**	**30.7**	**242**	**15.2**	**60.5**	**171**	**82.5**	**2,703**	**18,203**	**10,762**	**110**	**156**	**162**	**169.8**	....	**9,125**	**500**
Monthly average, January through October:																	
1929	123	69.6	504	34.9	168.8	990	131.3	6,235	39,818	14,493	309	177	182	206.7	85.1	31,796	12,738
1930	97	44.8	402	19.6	95.0	1,314	149.6	3,883	26,683	14,133	239	174	178	203.9	71.3	13,123	5,403
1931	**68**	**32.9**	**282**	**17.1**	**73.0**	**719**	**107.9**	**3,105**	**23,020**	**11,044**	**172**	**159**	**166**	**184.1**	....	**10,906**	**1,011**

Agriculture

MARKETING of animal products during October increased by slightly more than the usual seasonal amount. The combined index recorded a rise of 4.6 per cent, but part of this advance is discounted by the low revised figure for September. The index for October was 1 per cent below the same month last year, and the monthly average for the first 10 months of the current year was less than 1 per cent under the same period in 1930.

Wool receipts fell off sharply, due largely to a reaction from the high level of the last five months. The monthly average to date still exceeds 1930, by a margin of 3.5 per cent. Livestock marketing reached the high point of the year and brought the monthly average to a level less than 2 per cent below a year ago. Poultry, eggs, dairy products, and fish receipts all declined. The index for fish marketing was 12 per cent below the revised figure for September and was the second marked monthly recession. Average receipts for January through October were 4 per cent higher than last year for poultry and eggs, 2 per cent higher for dairy products, and 22 per cent lower for fish.

Crop marketings in October continued to increase seasonally, but the combined index for the month was 24 per cent below October of last year. Cotton receipts were more than double the September amount and partially absorbed the loss resulting from the less than seasonal gain of the last two months. Fruits, which did not record the usual seasonal grain in September, reached a high for the year. This is only partially a seasonal increase, and extended the gain in the monthly average over a year ago.

The November 1 estimate of wheat production in the United States, made by the Department of Agriculture, showed no change from October, and remained at 884,000,000 bushels. The 1931 potato crop is expected to exceed last year's somewhat scant yield by 39,000,000 bushels and is estimated at 1,000,000 bushels in excess of the 1925–1929 average. No improvement is anticipated in the light crops of hay and feed grains.

Of the citrus fruit crops, it is estimated that oranges will be less plentiful than a year ago except in the case of the Texas output and Florida Satsumas. California and Florida grapefruit will probably be more abundant and the lemon crop will approximate the high output of last year. Due to dry weather the movement of Florida fruit has been late and to date is considerably below 1930.

The index of stocks of meat in cold storage decreased 21 per cent during October, and reached the lowest point of the year. This was the usual seasonal decline, but the monthly index was 5 per cent below October of last year.

INDEXES OF AGRICULTURAL MARKETING AND STOCKS

Year and month	Indexes of marketing											Indexes of stocks, end of month		
	Animal products						Crops							
	Combined index	Wool	Livestock	Poultry and eggs	Dairy products	Fish	Combined index	Grains	Vegetables	Fruits	Cotton	Wheat, visible supply, United States	Meats, cold-storage	Cotton, United States
	Monthly average, 1923–1925=100													
1929: October	102.6	52.2	112.8	85.4	90.7	187.2	238.6	102.9	171.2	245.2	372.8	345.3	76.4	176.9
1930:														
October	96.7	79.1	108.0	79.2	82.2	172.0	212.1	82.6	168.4	219.0	327.5	349.8	55.7	234.8
November	88.5	34.5	88.0	121.6	77.8	146.2	148.8	72.3	89.6	109.0	240.6	344.8	62.3	264.9
December	97.8	57.1	93.9	137.8	92.7	98.9	105.8	79.8	79.4	67.1	144.9	333.3	76.9	266.8
1931:														
January	94.7	25.3	96.2	95.0	96.4	103.4	74.3	81.0	98.0	70.2	64.0	335.8	100.1	254.2
February	85.5	50.8	79.8	94.0	91.3	116.2	66.8	84.6	91.1	68.1	45.1	343.7	114.0	235.8
March	94.0	61.9	79.6	121.8	102.9	169.4	64.4	80.0	104.3	75.1	38.6	352.7	111.8	216.4
April	101.2	78.2	82.6	137.0	113.1	174.3	53.1	63.9	93.3	70.6	29.8	339.8	114.8	196.9
May	106.7	197.1	80.2	125.6	130.9	138.5	62.0	69.0	135.6	102.2	28.3	336.4	110.8	179.5
June	118.0	405.4	77.9	115.6	156.6	144.5	55.2	68.6	165.8	88.8	9.1	324.7	105.8	162.3
July	105.2	573.2	72.6	88.6	123.6	161.2	103.0	182.9	103.4	139.3	22.6	370.4	98.7	146.8
August	94.3	259.6	82.5	88.0	96.3	189.3	83.9	130.0	64.1	154.6	29.2	413.5	83.3	140.1
September	91.5	125.1	88.3	88.4	90.5	160.1	119.3	79.8	103.2	129.2	152.1	407.7	66.6	188.1
October	**95.7**	**49.5**	**104.2**	**86.4**	**86.5**	**140.8**	**161.9**	**80.5**	**131.9**	**191.1**	**233.4**	**393.4**	**52.7**	**281.0**
Monthly average, January through October:														
1929	100.2	142.0	87.3	100.1	110.8	184.6	105.8	107.4	123.4	114.7	98.1	242.9	116.7	111.4
1930	99.4	176.4	85.8	100.5	106.3	192.8	95.5	97.5	117.0	101.7	87.1	276.6	92.8	154.5
1931	**98.7**	**182.6**	**84.4**	**104.9**	**108.8**	**149.8**	**84.4**	**92.0**	**109.1**	**108.9**	**65.2**	**361.8**	**95.9**	**200.1**

Iron and Steel Industry

SEASONAL factors, which usually cause an upturn in activity in the iron and steel industry in October, were lacking last month, and operations continued to recede, although at a slackened pace. Measured by the adjusted index of the Federal Reserve Board, production in the industry declined 6.5 per cent, the smallest relative decline since May. Actual output of pig iron and steel ingots increased slightly for the first time since March, but in each case the daily average output was smaller than in the preceding month. Operations in the steel industry were at the rate of 28 per cent of capacity, the same as in September, but in the first three weeks of November the rate advanced to 30 per cent.

Maintenance of the extremely low rate of operations was reflected in a contra-seasonal recession in both employment and pay rolls, although the latter index was also affected by the wage reductions effective October 1. Employment, after making allowance for the seasonal trend, declined 1.8 per cent, as compared with September, while the unadjusted index of pay rolls was off 2.9 per cent.

Unfilled orders of the United States Steel Corporation declined during the month and while the drop was small, its main significance lies in the fact that it was the first decrease reported for the month since 1923. Bookings of the corporation at the end of the month were 10 per cent below a year ago and 24 per cent below the same month of 1929. The index of new orders for the industry declined sharply during October to the lowest level reached so far. Specifications from some of the leading outlets, particularly the railroad, building, and automotive industries, have been in small volume. The index of structural-steel orders declined to a new low, following the substantial gain in September. The decline in the index of new orders for the 10 months compared with a year ago was 34 per cent, while structural steel orders dropped 28 per cent.

Iron and steel exports again declined in October and were 16 per cent below the preceding month and 55 per cent below October, 1930. Imports were off, but the recession in imports this year has not been as severe as in the export trade. Prices have been easier and the composite iron and steel price has recently eased off to $30.63, against a September average of $31.03. Scrap prices have increased only slightly from the low reached at the end of October.

IRON AND STEEL STATISTICS

Year and month	General operations: F. R. B. index (adjusted)[1]	General operations: Rate of operations, electric energy consumption	General operations: Employment adjusted[1]	General operations: Pay rolls unadjusted	Iron and steel: Exports	Iron and steel: Imports	Pig-iron production	Steel ingots: Production	Steel ingots: Per cent of capacity	Fabricated structural steel: New orders	Fabricated structural steel: Shipments	United States Steel Corporation, unfilled orders end of month	Manganese ore imports (Manganese content)	Prices: Steel billets, Bessemer (Pittsburgh)	Prices: Iron and steel composite	Prices: Structural steel beams	Prices: Composite finished steel
	Monthly average, 1923-1925=100				Thousands of long tons				Per cent	Thousands of short tons		Thousands of long tons		Dolls. per long ton		Dolls. per 100 pounds	
1929: October	124	144.8	99.1	107.9	248	50	3,588	4,534	86	320	324	4,087	25	35.00	36.27	1.90	2.51
1930:																	
October	74	126.0	81.3	75.8	132	30	2,165	2,693	50	209	239	3,482	18	31.00	32.31	1.60	2.22
November	65	106.5	80.2	68.9	112	35	1,867	2,212	44	151	195	3,640	10	31.00	31.95	1.60	2.20
December	59	110.2	79.1	66.7	102	24	1,666	1,980	38	153	168	3,944	29	30.60	31.76	1.60	2.19
1931:																	
January	64	103.4	77.5	62.4	93	34	1,714	2,459	43	162	172	4,132	17	30.00	31.70	1.63	2.22
February	73	116.5	75.9	67.5	91	22	1,707	2,502	49	158	166	3,965	10	30.00	31.65	1.65	2.22
March	78	119.4	76.6	70.0	110	33	2,032	2,994	54	184	151	3,995	2	30.00	31.66	1.65	2.23
April	75	108.1	76.5	69.1	101	41	2,020	2,722	49	293	158	3,898	33	30.00	31.61	1.65	2.22
May	72	106.8	74.8	64.9	91	30	1,994	2,505	45	153	148	3,620	21	29.50	31.39	1.65	2.21
June	64	86.6	72.6	57.6	76	31	1,639	2,076	38	177	162	3,479	37	29.00	31.02	1.65	2.19
July	59	83.1	72.1	52.4	84	28	1,463	1,886	34	159	182	3,405	38	29.00	31.05	1.65	2.20
August	51	78.0	70.3	50.6	73	22	1,281	1,719	31	124	169	3,169	22	29.00	31.05	1.60	2.19
September	46	78.3	67.4	45.2	70	25	1,169	1,548	28	197	150	3,145	27	29.00	31.03	1.60	2.20
October	**43**	**76.3**	**66.2**	**43.9**	**59**	**23**	**1,173**	**1,592**	**28**	**110**	**146**	**3,119**	**21**	**29.00**	**30.81**	**1.60**	**2.18**
Monthly average, January through October:																	
1929	137	154.9	99.5	107.9	258	48	3,627	4,789	94	309	280	4,139	28	34.63	36.58	1.93	2.55
1930	100	127.0	88.6	87.7	177	36	2,787	3,509	68	239	262	4,041	24	32.05	33.90	1.73	2.34
1931	**63**	**95.7**	**73.0**	**58.4**	**85**	**29**	**1,619**	**2,200**	**40**	**172**	**160**	**3,593**	**23**	**29.45**	**31.30**	**1.63**	**2.21**

[1] Adjusted for seasonal variation.

Chemical Industries

CHEMICAL industry developments in October were characterized by a slightly increased activity in certain seasonal products. Employment in the industry declined slightly during the month, according to the Federal Reserve Board indexes. The present level of employment is about 15 per cent under a year ago and almost 30 per cent below the high record employment in October, 1929, the decline from that point having been fairly regular from month to month. Pay rolls in October maintained the slight gain recorded for September, but did not show the small seasonal rise which is normal in the fall.

Stocks of manufactured chemicals and oils rose sharply, but seasonally, in October as compared with the revised September estimate. While stocks in October of this year are higher than at this time in several years past, the average for the first ten months of this year was below that of last year. Stocks of chemical and oil raw materials rose 21 per cent in October as compared with the unusually low stocks of September, present stocks being still about 10 per cent below the quantities on hand at this time in several years past.

Wood rosin production increased slightly in October as is usual at this season. The present level of production is, however, 25 per cent below that of a year ago and 36 per cent below two years ago. Wood turpentine production also increased slightly, though seasonally, in October, with the present output below that of this season one and two years ago by 33 per cent and 49 per cent, respectively.

Alcohol production increased more than seasonally in October, though still 13 per cent under a year ago.

The production of by-product coke increased a little in October as is customary at this time of year. The present level of production is below that of October a year ago by 30 per cent and under that of two years ago by 48 per cent.

Fertilizer consumption in the Southern States, which shows large seasonal fluctuations, increased slightly in October, although there is usually a seasonal decline at this time. Present consumption is, however, about 10 per cent under that of the last two years at this season.

Imports of potash salts and nitrate of soda declined in October, although imports of potash salts usually increase greatly and of nitrate soda slightly at this season. Imports of potash salts in October were about a third less than those of a year ago, and were almost 60 per cent less than imports two years ago at this season. Nitrate of soda imports for the month were 20 per cent greater than a year ago.

CHEMICALS STATISTICS

Year and month	General operations: Employment F. R. B. Indexes: Adjusted	Employment: Unadjusted	Employment: Pay-rolls, unadjusted	Stocks: Manufactured goods	Stocks: Raw materials	Ethyl alcohol (Production)	Explosives (Production)	Rosin, wood (Production)	Turpentine, wood (Production)	Superphosphates (Production)	By-product coke (Production)	Arsenic, refined (Production)	Fertilizer (Consumption)	Potash salts (Imports)	Nitrate of soda (Imports)
	Monthly average, 1923–1925=100					Thous. of gals.	Thous. of lbs.	Barrels		Thous. of short tons		Short tons	Thous. of short tons	Long tons	
1929: October	115.8	116.1	118.2	120.7	134.3	25,426	42,198	40,903	7,640	350	4,605	1,036	103	122,011	54,821
1930:															
October	101.1	101.4	99.9	125.1	132.7	18,455	34,113	34,818	5,817	336	3,408	1,265	106	73,945	27,207
November	98.3	98.6	96.1	124.2	128.3	20,861	30,248	38,931	6,584	303	3,114	1,508	61	19,706	35,474
December	97.9	97.8	94.7	123.9	124.2	17,770	24,024	34,332	6,200	336	3,055	1,439	74	25,324	35,512
1931:															
January	96.6	96.2	90.4	128.8	107.7	11,869	24,056	24,488	4,757	326	3,092	1,570	343	41,663	45,890
February	94.5	95.6	92.9	130.7	103.2	8,859	28,751	32,332	5,634	249	2,898	1,409	640	33,822	68,421
March	89.8	93.3	89.8	132.0	96.5	11,929	25,414	33,544	5,740	226	3,256	1,506	1,352	60,394	120,164
April	91.7	96.7	92.0	129.0	91.5	11,162	27,647	35,585	6,344	195	3,146	964	1,132	30,206	67,008
May	93.0	91.4	88.4	120.3	88.4	13,120	26,960	33,593	5,996	162	3,126	1,044	195	17,706	34,006
June	89.6	86.7	84.1	123.3	87.9		25,981	34,747	5,675	146	2,715	1,024	74	14,650	29,711
July	89.4	86.2	82.9	119.2	86.7	11,975	25,068	28,495	4,370	143	2,569	997	25	67,958	18,809
August	86.6	84.4	80.4	117.4	85.3	12,363	24,548	17,074	2,607	162	2,443	1,238	40	65,043	35,367
September	85.7	86.0	80.8	121.0	99.5	12,952	26,598	25,058	3,797	142	2,310	1,252	91	66,440	48,590
October	**85.4**	**85.7**	**80.8**	**130.4**	**120.7**	16,037		**26,102**	**3,922**		**2,389**		**94**	**50,071**	**33,968**
Monthly average, January through October:															
1929		112.2	113.2	120.6	107.4	16,950	37,164	37,223	6,889	296	4,492	886	534	68,100	82,184
1930		105.8	105.6	129.8	106.8	12,854	32,789	40,082	7,057	336	3,905	994	535	78,885	49,691
1931		**90.2**	**86.3**	**126.1**	**96.7**	[1] 12,252		**29,102**	**4,884**		**2,794**		**399**	**44,795**	**50,193**

[1] Average of 9 months.

Automobiles and Rubber

SCHEDULES of production in the automobile industry were reduced in October by a margin greatly in excess of that usually recorded at this season. The adjusted production index of the Federal Reserve Board stood at the lowest level recorded in recent years and was 43 per cent below October a year ago. The monthly average for January through October is 29 per cent lower than the figure for the same months in 1930 and 59 per cent below the high level of 1929. Passenger-car output continued its decline of the previous five months and was approximately half the already low product of September. Truck production, which had remained fairly steady for three months, also declined sharply and registered a loss for the month of 31 per cent.

Employment in the automotive industry decreased 19 per cent in October, according to the seasonally adjusted index of the Federal Reserve Board. Pay rolls, however, remained practically the same, indicating an increase in working hours. The unadjusted pay-roll index fell less than 1 per cent while the unadjusted employment index declined 21 per cent. In the first two weeks of November some improvement was apparent from the employment index of the Detroit Board of Commerce, which rose from 41.7 to 50.

The export of trucks was the most active section in the entire industry. Total trucks shipped abroad during October exceeded all months since April and the number was 10 per cent greater than shipments in October of last year. Passenger car exports, on the contrary, were less than half the total for October, 1930, and the average monthly exports for January through October were 46 per cent below the same months a year ago.

Pneumatic tire production in September was 19 per cent less than in the preceding month and only slightly under September, 1930. During September domestic shipments in the industry also receded from the August total. The Federal Reserve Board adjusted index of October employment in the rubber products industries recorded a small gain. The unadjusted pay-roll index declined 2 per cent.

Following three successive decreases the importation of crude rubber gained in volume during October. The total import receipts were 6 per cent above the amount recorded for September but 9 per cent below October, 1930.

AUTOMOBILE AND RUBBER STATISTICS

Year and month	Automobile production						Automobile exports		Automobile accessories, shipments	Automobile financing		Pneumatic tires		Crude rubber	
		United States				Canada									
	F. R. B. index, adjusted	Total	Passenger cars	Taxicabs	Trucks	Total production	Passenger cars	Trucks		By wholesale dealers	By consumers	Production	Domestic shipments	Imports	World stocks, end of month
	Monthly averages, 1923–1925=100	Thousands		Number					January, 1925=100	Millions of dollars		Thousands		Long tons	
1929: October	113	380	318	868	60,687	14,523	19,931	11,512	91	64	126	3,689	3,520	38,454	282,837
1930:															
October	49	154	113	582	40,593	4,541	7,136	4,079	79	36	81	2,866	2,613	45,375	425,423
November	74	137	101	609	35,613	5,407	6,039	6,039	63	30	60	2,123	2,119	29,733	427,427
December	85	156	121	1,425	33,443	5,622	9,096	5,102	55	36	66	2,251	2,550	37,370	439,728
1931:															
January	63	172	138	512	33,531	6,496	8,304	4,534	46	40	62	2,940	2,855	36,598	460,479
February	68	220	180	529	39,521	9,871	9,187	4,187	53	50	66	3,188	2,580	34,374	471,285
March	67	276	231	410	45,161	12,993	11,526	6,002	65	63	92	3,730	3,143	40,788	487,716
April	77	337	286	665	50,022	17,159	11,228	5,499	66	71	113	3,955	3,804	44,908	487,696
May	78	317	271	340	45,688	12,738	8,468	4,498	61	73	109	4,543	4,197	35,844	497,707
June	65	251	210	360	40,244	6,835	5,843	4,349	61	58	105	4,538	4,320	46,939	496,238
July	60	218	184	180	34,317	4,220	6,478	3,518	57	49	96	3,941	4,244	44,052	509,139
August	52	187	155	104	31,772	4,544	5,699	2,356	66	44	80	3,125	3,845	39,033	511,750
September	40	141	109	141	31,338	2,646	4,577	4,171	66	36	68	2,538	3,034	38,963	512,774
October	**28**	**80**	**58**	**651**	**21,727**	**1,440**	**3,207**	**4,506**		26	61			**41,398**	**536,874**
Monthly average, January through October:															
1929	145	502	431	1,446	69,543	24,838	31,168	17,396	86	61	144	4,983	4,823	47,668	259,436
1930	84	306	255	690	50,219	14,316	13,793	7,380	72	60	108	3,640	3,616	41,842	388,487
1931	**60**	**220**	**182**	**389**	**37,332**	**7,894**	**7,452**	**4,361**		51	85			**40,287**	**497,166**

Textile Industry

THE increased activity in the textile industry registered in September was not maintained in October, and, although the index of the Federal Reserve Board adjusted for seasonal variations in October was 7 per cent below its 1923–1925 average, it was 2 per cent higher than in the same month of last year. Consumption of raw cotton in October was about the same as in September.

Production of 300 classifications or constructions of carded cotton cloths, representing output of a very large proportion of the industry, averaged nearly 57,000,000 yards per week in October, 4.3 per cent more than in September, and the largest weekly output for any month since June. Sales of these cloths in October averaged 45 per cent larger per week than in September, and were 47 per cent more than production. The increase of 117,500,000 yards in unfilled orders considerably more than offset the increase in stocks of 10,900,000 yards; unfilled orders on October 31 represented 6 weeks of production at the current rate of activity, although they were slightly lower than on October 31, 1930. Prices of cotton goods were steady during October, at a level about 25 per cent lower than a year ago.

Wool receipts at Boston in October declined for the second successive month, which was not unusual at that time of the year, and were 24.4 per cent less than in October of last year; the accumulated wool receipts at Boston for the first 10 months of 1931 have been only 2.7 per cent less than during the same period of 1930. The price of territory, fine, staple wool at Boston averaged 58 cents per pound in October as compared with 62 cents in the preceding month and 75 cents per pound in October of last year. Spinning activity in the woolen and worsted industry was at a much lower rate in October than in September, 1931. As compared with the average for the first 10 months of last year the rate of activity from January to October, 1931, averaged higher in both the woolen and worsted industries.

Raw silk deliveries to American mills in October were 8.4 per cent less than in October of last year, but were the largest quantities received by mills in any one month since November, 1930. Wholesale prices of Japanese, double, extra cracks, raw silk at New York changed only slightly from September to October, 1931. Wholesale prices of rayon did not change during that period.

TEXTILE STATISTICS

Year and month		Cotton, raw		Cotton manufactures						Wool		Wool manufactures		Silk	
					Cotton textiles (23 groups of textile constructions)							Spinning spindles			
	F. R. B. index, adjusted	Mill consumption	Stocks, mills and warehouses, end of month	Spindle activity, total	Production[1]	Shipments[1]	Stocks, end of month	Unfilled orders, end of month	Wholesale price, Fairchild composite	Receipts, at Boston, total	Price, territory fine, staple, scoured (Boston)	Woolen	Worsted	Deliveries to mills	Rayon, wholesale price, A grade, bleached
	Monthly average, 1923–1925=100	Bales	Thousands of bales	Millions of spindle hours	Thousands of yards				Monthly average, 1911–1913=100	Thousands of pounds	Dollars per pound	Per cent of active hours to total reported		Bales	Dollars per pound
1929: October	118	639,759	6,652	9,006	283,064	265,450	362,657	395,698	160	12,148	0.90	78	72	57,489	1.15
1930:															
October	91	443,284	8,829	6,243	228,866	270,383	350,889	350,845	124	12,739	.75	53	62	61,937	.95
November	93	415,315	9,962	5,825	206,633	200,661	356,861	333,251	124	6,240	.72	52	52	57,333	.95
December	87	405,518	10,031	5,924	234,052	226,951	363,962	288,956	122	11,574	.72	45	52	55,424	.95
1931:															
January	86	450,117	9,557	6,365	202,149	210,597	355,514	317,465	120	10,795	.68	48	52	55,910	.75
February	93	433,376	8,864	6,122	212,168	248,354	319,328	395,802	119	13,269	.66	66	54	54,242	.75
March	97	490,509	8,136	7,000	271,638	317,185	273,781	373,951	121	13,279	.66	57	57	55,383	.75
April	98	508,691	7,404	7,125	225,955	217,582	282,154	294,118	119	17,775	.65	55	57	41,356	.75
May	98	465,363	6,748	6,733	225,392	205,603	301,943	248,544	115	30,341	.63	60	66	45,073	.75
June	97	453,901	6,102	6,630	260,163	273,871	288,235	330,575	112	56,743	.62	61	73	42,161	.75
July	102	450,884	5,520	6,528	192,545	211,331	269,449	277,597	111	79,381	.62	64	83	44,746	.75
August	100	425,819	5,266	6,193	209,050	227,644	250,855	217,508	100	36,850	.63	66	78	46,454	.75
September	100	463,704	7,072	6,540	272,118	278,049	244,924	227,167	95	18,707	.62	63	70	53,819	.75
October	**93**	**462,025**	**10,566**	**6,595**	**227,116**	**216,207**	**255,833**	**344,639**	--------	**9,628**	**.58**	**53**	**49**	**56,668**	**.75**
Monthly average, January through October:															
1929	118	605,605	4,188	8,531	293,850	296,759	368,283	414,780	162	27,651	1.00	81	68	52,503	1.25
1930	91	455,696	5,809	6,493	237,904	248,916	434,220	307,323	136	29,486	.77	57	55	46,947	1.07
1931	**96**	**460,439**	**7,524**	**6,583**	**229,829**	**240,642**	**284,202**	**302,737**	--------	**28,677**	**.64**	**59**	**64**	**49,581**	**.75**

[1] Months do not contain same number of weeks.

Food Industries

PRODUCTION in the food products industry declined slightly during October, according to the adjusted index of the Federal Reserve Board. The October level corresponded to the average monthly figure, from January through October of the current year. The monthly average for the first 10 months was 4 per cent below last year and 9 per cent below 1929. After remaining comparatively steady for three months, the Federal Reserve Board's adjusted index of employment in the food industries declined. The October index was 2 per cent lower than that recorded for September and 6 per cent below October of last year. The monthly average to date is 7 per cent under the average for the first 10 months of 1930 and 11 per cent below a similar period in 1929. The level of wholesale prices in the industry remained steady and receded only a fraction of 1 per cent for the month of October. Prices were 18 per cent below October of last year, while the monthly average for the first 10 months of 1931 was also 18 per cent lower than during the same period a year ago.

Wheat receipts at the principal markets continued in October the seasonal decline of the two preceding months. The total receipts for the month were 14 per cent above the same month in 1930, and brought the average for the first 10 months of 1931 to 8 per cent above a similar period last year. The visible supply of wheat in the United States at the end of October was 3 per cent less than the amount recorded a month earlier. Exports were 25 per cent above October of last year and reached the same level as October, 1929.

October receipts of corn at primary markets increased sharply from the extremely low figure of the preceding month, but the 10-month average was 29 per cent below last year. The visible corn supply in the United States increased slightly during October. The decline in price of the last four months, evidenced by No. 3 yellow at Chicago, continued during October. The price fell to a low mark for the year and was 54 per cent lower than that quoted for the same month a year ago.

Cattle receipts at principal markets recorded a dedelayed seasonal increase. Hog receipts continued the gain of last month which was also seasonal. The total volume of hogs received was slightly greater than the figure for October, 1930.

Raw sugar imports in October had a further decrease, while coffee imports were greater after a decline of two months.

FOODSTUFFS STATISTICS

Year and month	Food products industry: F. R. B.: Production adjusted	Food products industry: F. R. B.: Employment adjusted	Food products industry: Wholesale prices	Crop marketings	Animal products, marketings	Wheat: Receipts, principal markets	Wheat: Visible supply, United States, end of month	Wheat: Exports, including flour	Wheat: Price, wtd. average, 6 markets, all grades	Corn: Receipts, principal markets	Corn: Visible supply, United States	Corn: Price, No. 3 yellow, Chicago	Animal products: Cattle receipts	Animal products: Hog receipts	Animal products: Total meats, cold-storage, end of month	Total raw sugar imports	Coffee imports
	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
1929: October	96	99.8	101.2	238.6	102.6	36	203	15	1.24	18	4	.95	2,407	3,701	732	349	1,004
1930:																	
October	94	90.9	88.6	212.1	96.7	29	205	12	.76	15	5	.82	2,377	3,441	534	360	1,159
November	94	91.4	85.7	148.8	88.5	25	202	8	.70	17	7	.71	1,696	3,439	597	344	957
December	89	90.8	81.8	105.8	97.8	22	196	6	.73	27	17	.69	1,736	4,002	737	312	1,098
1931:																	
January	93	91.2	80.1	74.3	94.7	29	197	6	.71	19	18	.65	1,508	4,652	959	204	1,094
February	92	90.3	77.1	66.8	85.5	31	202	4	.71	21	20	.61	1,303	3,704	1,092	364	1,289
March	87	89.9	76.7	64.4	94.0	31	207	5	.71	19	22	.60	1,535	3,207	1,072	515	1,407
April	96	90.6	75.6	53.1	101.2	21	200	7	.75	17	20	.58	1,617	3,067	1,100	415	1,126
May	91	90.8	72.9	62.0	106.7	31	198	10	.76	11	12	.56	1,551	2,938	1,062	313	1,415
June	83	88.7	72.4	55.2	118.0	30	191	12	.67	13	8	.58	1,540	2,854	1,014	382	1,037
July	88	88.1	73.1	103.0	105.2	104	218	17	.47	16	9	.57	1,488	2,511	946	413	1,100
August	88	88.1	73.7	83.9	94.3	61	243	12	.51	11	8	.46	1,821	2,454	798	532	884
September	92	87.5	72.9	119.3	91.5	39	239	12	.56	8	6	.42	1,797	2,727	638	330	794
October	**90**	**85.5**	**72.6**	**161.9**	**95.7**	**33**	**231**	**15**	**.58**	**14**	**7**	**.38**	**2,137**	**3,462**	**505**	**269**	**907**
Monthly average, January through October:																	
1929	99	99.8	100.0	105.8	100.2	42	143	12	1.17	22	19	.95	1,694	3,591	1,118	517	945
1930	94	95.6	91.5	95.5	99.4	38	162	13	.96	21	12	.84	1,673	3,333	890	388	1,005
1931	**90**	**89.1**	**74.7**	**84.4**	**98.7**	**41**	**213**	**10**	**.64**	**15**	**13**	**.54**	**1,630**	**3,158**	**919**	**374**	**1,105**

Forest Products

LUMBER production in October, according to the adjusted index of the Federal Reserve Board, continued the steady decline which has been taking place since last May. Present production, which is down to 35 per cent of the 1923–1925 average, represents a decline of 35 per cent from that of October, 1930, and about 60 per cent from production two years ago.

Employment and pay rolls both declined more than seasonally in October. Employment has been declining steadily since the summer of 1929, the present level being approximately 22 per cent below October a year ago and less than half of the 1923–1925 average. Pay rolls have been declining more rapidly than employment, reflecting wage readjustments in the industry and part-time employment; in October, 1930, the index for pay rolls (1923–1925 average = 100) was 3 per cent less than that for employment and in October of this year pay rolls were 21 per cent below.

Marketing of forest products increased seasonally in October, being now about 9 per cent less than a year ago and 38 per cent under average marketings in 1923–1925. Naval stores, or gum, marketings in October increased slightly as compared with the revised estimate for September, whereas there is usually a small seasonal decrease at this time.

Southern pine production remained steady at 117,000,000 board feet in October, which is 45 per cent below production at this time a year ago. New orders declined to 135,000,000 board feet, which is about 37 per cent less than new orders at this time in 1930. Unfilled orders dropped to the lowest in many years, being about 47 per cent below the October, 1930, figure.

Douglas fir production declined sharply in October (the estimate for this month includes an extra week) to 150,000,000 board feet, the lowest yet recorded. This is about 28 per cent less than production a year ago and 52 per cent less than two years ago. New orders likewise declined to a new low point in October and at present are about 26 per cent below those of a year ago and less than half those of October, 1929. Unfilled orders, which reached a record low point, were 41 per cent off from a year ago and only a little more than a quarter of unfilled orders two years ago.

Production of hardwoods remained steady in October as compared with the preceding month, but present output is 33 per cent less than a year ago and 65 per cent less than two years ago. New orders have remained about the same for several months, while unfilled orders rose somewhat in September but declined again in October.

Car loadings of forest products increased about 20,000 cars from the low point recorded in September.

FOREST PRODUCTS STATISTICS

Year and month	General operations			Indexes of marketing		Southern pine			Douglas fir [1]			Hardwoods			Car-loadings, forest products	Furniture, unfilled orders, southeastern district
	Lumber production adjusted F. R. B.	Employment, adjusted	Pay roll, unadjusted	Total forest products	Naval stores	Production	New orders	Unfilled orders	Production	New orders	Unfilled orders	Production	New orders	Unfilled orders		
	Monthly average 1923-1925=100					Millions of feet board measure									Thousands of cars	Dollars per firm
1929: October	89	87.2	96.8	89.1	130.1				312	304	296	296	281	660	254	
1930:																
October	54	62.1	60.4	68.1	143.1	211	213	109	208	203	138	158	154	466	197	29,117
November	47	60.4	54.7	62.9	112.9	185	177	105	192	186	176	143	133	452	174	19,917
December	50	58.8	50.4	58.0	117.7	157	146	99	167	189	188	134	125	456	121	14,400
1931:																
January	49	56.3	44.0	55.9	37.1	165	191	116	160	192	183	143	169	456	156	31,781
February	45	56.3	45.6	55.8	25.5	154	171	107	179	189	182	158	188	481	138	34,160
March	50	55.7	46.2	60.9	39.7	165	174	121	186	217	197	165	173	473	138	29,798
April	49	55.4	44.9	64.0	98.3	165	169	104	202	224	216	146	154	463	130	28,248
May	50	55.4	45.7	68.3	136.5	148	158	84	207	189	136	146	158	431	165	19,338
June	49	54.4	44.6	67.4	189.9	127	140	83	200	191	163	143	176	419	125	56,865
July	44	52.0	41.7	65.6	186.7	122	147	83	149	181	166	109	139	402	106	47,997
August	40	51.1	41.3	66.3	141.5	120	151	82	172	188	111	101	131	375	138	47,706
September	38	49.4	40.3	59.3	111.9	117	138	74	155	159	125	105	131	587	104	42,180
October	**35**	**48.4**	**38.2**	**62.0**	**114.0**	**117**	**135**	**58**	**150**	**151**	**81**	**105**	**131**	**374**	**123**	22,100
Monthly average, January through October:																
1929	92	89.1	91.6	87.3	123.3				330	339	332	313	308	646	279	
1930	71	71.2	68.4	69.0	123.9	237	220	155	250	247	209	214	178	564	211	39,039
1931	**45**	**53.4**	**43.3**	**62.6**	**108.1**	**140**	**157**	**91**	**176**	**188**	**156**	**132**	**155**	**426**	**132**	36,017

[1] Data for May, August, and October contain 5 weeks; other months, 4 weeks.

IMPORTS OF FERTILIZER AND FERTILIZER MATERIALS [1]

[Long tons]

Months	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931
Total										
January	72, 077	210, 426	266, 623	199, 363	224, 139	152, 659	231, 522	195, 387	240, 130	137, 172
February	69, 220	142, 350	232, 558	197, 963	277, 525	119, 897	300, 524	289, 414	257, 596	141, 421
March	78, 927	222, 955	227, 361	298, 781	326, 592	184, 813	324, 468	221, 443	287, 555	255, 905
April	92, 641	193, 032	111, 783	246, 939	211, 540	150, 861	224, 681	226, 883	177, 327	143, 250
May	97, 472	134, 685	96, 247	174, 002	92, 781	75, 462	157, 773	204, 007	87, 994	72, 159
June	116, 515	72, 625	53, 592	101, 946	45, 120	74, 732	126, 526	107, 023	89, 547	59, 970
July	183, 270	116, 740	87, 271	152, 467	109, 527	151, 602	160, 447	159, 486	164, 546	97, 358
August	158, 793	153, 820	109, 445	202, 576	155, 499	249, 862	277, 363	201, 665	157, 732	127, 599
September	80, 599	145, 123	141, 028	215, 088	124, 412	188, 724	198, 575	154, 569	160, 784	146, 700
October	122, 573	160, 616	172, 517	153, 457	159, 728	181, 202	183, 737	237, 113	150, 686	120, 822
November	151, 755	110, 360	189, 944	164, 581	163, 978	140, 414	163, 666	149, 843	95, 798	....
December	115, 492	195, 134	204, 511	161, 365	191, 781	148, 710	185, 788	162, 942	107, 198	....
Total	1, 339, 334	1, 857, 866	1, 892, 880	2, 268, 528	2, 082, 622	1, 818, 938	2, 535, 070	2, 309, 775	1, 976, 893	....
Nitrogenous										
January	13, 616	129, 314	186, 444	111, 578	134, 899	73, 197	110, 722	132, 527	143, 191	82, 466
February	21, 051	102, 634	161, 670	118, 204	186, 361	59, 497	181, 898	193, 956	136, 211	98, 435
March	26, 267	141, 874	136, 017	221, 506	210, 460	120, 617	242, 099	142, 573	165, 811	170, 587
April	32, 733	112, 952	79, 352	177, 081	140, 909	121, 680	164, 489	148, 628	105, 471	102, 342
May	66, 016	117, 860	78, 639	149, 813	64, 736	62, 349	131, 132	144, 335	58, 205	46, 602
June	53, 893	38, 058	40, 977	68, 973	21, 816	52, 117	91, 578	80, 395	34, 962	37, 998
July	37, 726	65, 967	57, 688	87, 226	32, 365	69, 230	59, 219	67, 356	43, 350	24, 730
August	48, 199	65, 727	74, 514	107, 684	71, 728	100, 596	122, 448	75, 109	35, 940	47, 935
September	57, 984	63, 906	81, 897	75, 727	56, 407	100, 327	75, 543	63, 366	49, 791	70, 022
October	91, 631	80, 703	105, 227	83, 922	66, 843	98, 340	87, 189	97, 566	65, 839	61, 904
November	124, 377	50, 339	89, 841	106, 063	69, 090	95, 239	86, 521	82, 574	66, 044	....
December	61, 312	120, 190	85, 310	64, 390	88, 285	97, 738	122, 920	98, 609	68, 250	....
Total	634, 805	1, 089, 524	1, 177, 576	1, 372, 167	1, 143, 899	1, 050, 927	1, 475, 758	1, 326, 994	973, 115	....
Phosphates										
January	1, 491	4, 139	8, 233	4, 017	3, 155	8, 733	9, 468	5, 304	7, 807	6, 279
February	1, 868	3, 683	1, 701	1, 312	3, 437	8, 866	21, 164	8, 524	8, 896	3, 726
March	447	4, 604	3, 234	1, 260	11, 960	9, 645	10, 740	5, 036	15, 874	15, 158
April	1, 307	7, 466	4, 293	2, 380	7, 974	6, 530	8, 931	6, 773	6, 240	5, 578
May	1, 014	2, 757	929	4, 079	1, 971	3, 453	5, 415	14, 924	5, 025	4, 832
June	2, 697	2, 003	5, 736	1, 948	5, 294	10, 041	8, 111	12, 182	17, 482	3, 339
July	1, 261	7, 970	2, 805	3, 963	3, 169	7, 415	11, 811	4, 666	4, 074	3, 768
August	3, 445	11, 261	1, 306	3, 823	11, 672	10, 083	13, 321	13, 043	6, 707	9, 858
September	4, 389	4, 863	4, 950	3, 415	5, 452	4, 368	9, 423	5, 212	3, 603	6, 175
October	7, 146	7, 067	8, 138	3, 025	5, 150	11, 506	8, 560	5, 641	6, 922	3, 331
November	1, 873	5, 727	1, 728	4, 229	3, 916	13, 168	11, 520	10, 769	4, 157	....
December	10, 176	5, 800	2, 075	2, 906	5, 560	8, 107	14, 383	12, 740	9, 760	....
Total	37, 105	67, 346	45, 128	36, 357	68, 710	101, 915	132, 847	104, 814	96, 547	....
Potash										
January	42, 763	73, 717	63, 770	82, 037	82, 114	67, 044	105, 765	46, 184	85, 188	41, 663
February	38, 576	32, 701	67, 327	77, 207	85, 925	47, 817	89, 528	77, 156	106, 200	33, 822
March	43, 999	72, 338	84, 693	71, 536	99, 250	46, 048	65, 664	64, 433	92, 208	60, 394
April	43, 919	67, 360	25, 215	63, 279	61, 081	19, 344	45, 814	56, 791	55, 119	30, 206
May	19, 260	11, 773	13, 925	14, 240	24, 704	6, 624	17, 384	35, 543	18, 828	17, 706
June	52, 613	31, 330	6, 328	29, 827	15, 836	11, 154	15, 820	9, 975	34, 616	14, 650
July	136, 383	41, 421	26, 087	59, 710	71, 094	74, 355	83, 854	83, 661	113, 423	67, 958
August	100, 695	74, 476	32, 706	86, 154	65, 269	135, 965	137, 924	101, 873	106, 209	65, 043
September	11, 366	75, 018	53, 007	130, 405	57, 511	80, 354	107, 601	83, 374	103, 113	66, 440
October	17, 853	70, 657	54, 588	63, 386	69, 714	66, 447	79, 161	122, 011	73, 945	50, 071
November	18, 758	52, 604	88, 932	52, 627	88, 184	29, 321	55, 362	50, 198	19, 706	....
December	41, 237	62, 061	115, 441	90, 229	95, 032	38, 636	38, 679	46, 710	25, 324	....
Total	567, 422	665, 456	632, 019	820, 637	815, 714	623, 109	842, 556	777, 909	833, 879	....
Other Fertilizer										
January	14, 207	3, 256	8, 176	1, 731	3, 971	3, 685	5, 567	11, 372	3, 944	6, 764
February	7, 725	3, 332	1, 860	1, 240	1, 802	3, 717	7, 934	9, 778	6, 289	5, 438
March	8, 214	4, 139	3, 417	4, 479	4, 922	8, 503	5, 965	9, 401	13, 662	9, 766
April	14, 682	5, 254	2, 923	4, 199	1, 576	3, 307	5, 447	14, 691	10, 497	5, 124
May	11, 182	2, 295	2, 754	5, 870	1, 370	3, 036	3, 842	9, 205	5, 936	3, 019
June	7, 312	1, 234	551	1, 198	2, 174	1, 420	11, 017	4, 471	2, 487	3, 983
July	7, 909	1, 376	691	1, 568	2, 899	602	5, 563	3, 803	3, 699	902
August	6, 454	2, 356	919	4, 915	6, 830	3, 218	3, 670	11, 640	8, 876	4, 763
September	6, 869	1, 336	1, 174	5, 541	5, 042	3, 675	6, 008	2, 617	4, 277	4, 663
October	5, 943	2, 189	4, 564	3, 124	18, 021	4, 909	8, 827	11, 895	3, 930	5, 516
November	6, 747	1, 690	9, 443	1, 662	2, 788	2, 686	10, 263	6, 302	5, 891	....
December	2, 767	7, 083	1, 685	3, 840	2, 904	4, 229	9, 806	4, 883	3, 864	....
Total	100, 002	35, 540	38, 157	39, 367	54, 299	42, 987	83, 909	100, 058	73, 352	....

[1] Compiled by the *Department of Commerce, Bureau of Foreign and Domestic Commerce.* The item "Other Fertilizer" represents the total imports of Nitrophoska, limestone ground and pulverized for agricultural purposes, prepared fertilizer mixtures, and substances used chiefly for fertilizer not elsewhere specified.

WEEKLY BUSINESS INDICATORS

[Weekly average, 1923-1925=100]

ITEM	1931			1930			1929		
	Nov. 28	Nov. 21	Nov. 14	Nov. 29	Nov. 22	Nov. 15	Nov. 30	Nov. 23	Nov. 16
*Composite index, N. Y. Times	-----	63.2	64.6	82.0	79.0	80.4	95.0	95.5	97.1
*Composite index, Business Week	-----	66.1	65.9	80.4	80.9	78.6	102.1	101.4	101.3
Detroit employment	-----	-----	50.0	75.8	-----	80.0	93.0	-----	89.5
Production:									
Beehive coke	-----	9.8	10.6	16.3	15.5	16.3	34.3	34.7	39.2
Bituminous coal	-----	72.5	77.2	89.3	91.2	99.7	104.4	114.6	110.2
Building (new awards)	-----	-----	39.7	64.6	-----	67.1	106.5	-----	77.9
†Electric current	-----	99.3	97.4	100.4	103.4	102.8	103.1	109.1	107.7
Petroleum	116.2	117.8	118.3	108.8	109.6	110.7	126.6	126.4	125.8
Steel ingots	36.8	38.2	40.8	51.3	52.6	56.6	88.2	90.8	93.4
Receipts:									
Cattle and calves	79.7	87.0	95.9	69.0	83.9	96.2	76.6	102.8	110.4
Cotton	196.5	271.5	295.4	195.8	185.4	231.2	168.8	184.2	236.5
Hogs	84.1	101.4	95.5	67.8	88.9	90.0	90.6	99.8	94.8
Wheat	-----	62.4	88.6	40.4	80.3	81.2	53.3	48.0	56.7
Distribution: Car loadings	-----	68.2	72.0	73.2	81.3	86.5	87.2	99.1	102.5
Wholesale prices:									
Copper, electrolytic	44.9	48.5	49.3	78.3	73.9	79.7	129.0	129.0	129.0
Cotton, middling, spot	22.8	22.8	24.3	39.0	40.1	41.2	64.0	64.7	64.3

ITEM	1931			1930			1929		
	Nov. 28	Nov. 21	Nov. 14	Nov. 29	Nov. 22	Nov. 15	Nov. 30	Nov. 23	Nov. 16
Wholesale prices—Continued.									
Fisher's index (1926=100)—									
Total (120)	67.8	68.6	68.6	80.6	80.8	82.2	92.3	92.2	92.6
Agricultural product (30)	52.2	53.7	53.9	77.5	78.7	81.3	97.5	97.2	97.0
Nonagricultural products (90)	70.0	70.2	70.2	80.3	80.3	81.3	91.2	91.1	91.6
Iron and steel, composite	73.8	74.0	74.0	77.0	77.0	77.2	86.9	85.9	87.2
Banking and finance:									
Bank debits outside N. Y. C	74.9	91.5	66.5	99.1	120.7	100.7	129.8	162.5	144.0
Bond prices	92.8	95.0	96.3	106.5	106.7	106.5	104.9	103.3	103.3
Business failures (number)	120.9	144.5	130.5	113.3	139.8	121.6	91.2	116.0	99.3
Federal reserve ratio	83.9	82.7	80.6	105.0	105.7	104.8	92.6	91.9	89.7
Interest rates, call	60.6	57.7	60.6	48.5	48.5	48.5	109.1	115.1	142.4
Interest rates, time	80.0	85.7	91.4	62.9	62.9	62.9	114.3	125.7	137.1
Loans and discounts	107.3	107.6	107.4	132.2	133.5	133.4	141.6	142.9	144.9
Money in circulation	113.0	113.2	114.0	94.3	92.9	92.6	100.1	99.2	100.0
Net demand deposits	101.1	101.7	101.7	114.9	115.7	116.3	115.0	117.8	120.6
Stock prices	85.5	92.7	101.7	164.0	166.0	161.0	207.8	205.3	185.0
Time deposits	137.0	137.6	138.0	165.1	165.1	166.6	149.1	148.3	149.0

* Relative to a computed normal taken as 100.

† Relative to weekly average 1928-1930 for week shown.

WEEKLY BUSINESS STATISTICS

ITEM	1931			1930			1929			1928	
	Nov. 28	Nov. 21	Nov. 14	Nov. 29	Nov. 22	Nov. 15	Nov. 30	Nov. 23	Nov. 16	Dec. 1	Nov. 24
PRODUCTION AND DISTRIBUTION											
Bituminous-coal production ... thous. tons	-----	7,063	7,520	8,705	8,890	9,718	10,176	11,173	10,740	9,906	10,982
Building contracts (da. av.) 37 States ... thous. dolls	-----	-----	6,377	10,380	-----	10,776	17,092	-----	12,515	21,331	-----
Electrical current output ... mills. of kw. hours	-----	1,655	1,623	1,672	1,722	1,713	1,718	1,818	1,794	1,619	1,701
Exports:											
Corn ... thous. of bush	110	36	150	0	21	34	64	84	260	973	350
Wheat ... thous. of bush	1,754	2,465	1,960	99	819	517	1,465	1,808	2,561	1,291	1,584
Wheat flour ... thous. of bbls	113	173	130	283	187	190	169	208	304	177	245
Freight cars:											
Loadings, total ... cars	-----	653,503	690,366	702,085	779,752	829,023	836,310	949,716	982,926	900,556	1,029,237
Coal and coke ... cars	-----	121,549	136,109	155,763	155,364	175,184	188,335	199,872	193,083	189,332	211,449
Forest products ... cars	-----	21,325	22,972	32,095	33,111	33,061	48 611	54,864	53,632	58,448	64,715
Grain and grain products ... cars	-----	36,872	37,994	33,730	36,348	37,049	38,716	39,780	35,910	53,591	54,777
Livestock ... cars	-----	25,555	27,604	23,821	24,845	29,670	25,769	29,821	33,441	25,623	32,873
Merchandise l. c. l ... cars	-----	209,032	207,499	194,952	229,521	231,001	220,090	257,825	259,543	226,169	260,430
Miscellaneous ... cars	-----	234,269	251,576	255,951	292,340	308,486	305,441	351,810	374,020	336,210	387,241
Ore ... cars	-----	4,901	6,612	5,773	8,223	14,572	9,438	15,744	33,297	11,183	17,752
Net available surplus (da. av.) ... cars	-----	-----	588,377	580,498	533,445	469,793	340,740	289,669	226,131	222,539	194,092
Petroleum production (da. av.) ... thous. of bbls	2,420	2,453	2,464	2,266	2,282	2,305	2,638	2,633	2,620	2,506	2,505
Receipts:											
Cattle and calves (12 markets) ... thousands	252	275	303	218	265	304	242	325	349	214	331
Cotton into sight ... thous. of bales	511	706	768	509	482	601	439	479	615	621	615
Wheat, primary markets ... thous. of bush	-----	4,961	7,037	3,206	6,379	6,449	4,234	3,811	4,502	11,192	11,052
Wool, total, Boston ... thous. of lbs	757	3,129	2,756	734	1,924	1,378	3,008	3,648	4,129	2,886	1,980
Steel-ingot production ... per ct. of capacity	28	29	31	39	40	43	67	69	71	84	83
WHOLESALE PRICES											
Chemical index ... rel. to 1924	106.3	106.3	106.3	107.2	107.2	107.2	112.5	112.5	112.5	108.3	108.3
Copper ingots, electrolytic, New York ... dolls. per lb	.062	.067	.068	.108	.102	.110	.178	.178	.178	.158	.158
Cotton, middling, spot, New York ... dolls. per lb	.062	.062	.066	.106	.109	.112	.174	.176	.175	.207	.205
Food index (Bradstreet's) ... dolls. per lb	2.07	2.13	2.09	2.61	2.61	2.67	3.14	3.16	3.13	3.35	3.32
Iron and steel composite ... dolls. per ton	30.55	30.63	30.63	31.86	31.86	31.98	35.97	35.97	36.09	36.13	36.19
Wheat, No. 2, hard winter, Kansas City ... dolls. bu	.54	.58	.62	.70	.68	.67	1.21	1.20	1.13	1.14	1.14
FINANCIAL											
Bank debits:											
New York City ... mills. of dolls	3,375	3,780	3,645	5,036	5,748	6,118	10,327	13,199	14,350	12,167	11,279
Outside New York City ... mills. of dolls	3,414	4,170	3,030	4,514	5,500	4,590	5,913	7,402	6,559	6,080	6,909
Bond sales, New York Stock Exchange:											
United States Government ... thous. of dolls	8,954	6,660	9,869	1,640	1,571	2,296	2,671	2,496	7,141	2,113	1,748
Average price 40 corporation bonds ... dollars	8,308	85.05	86.24	95.40	95.56	95.41	93.93	92.48	92.46	96.68	96.83
Business failures ... number	492	588	531	461	569	495	371	472	404	417	476
Federal reserve banks:											
Bills discounted ... mills. of dolls	686	662	684	234	205	192	912	900	971	990	800
Total reserves ... mills. of dolls	3,094	3,043	2,989	3,164	3,191	3,177	3,135	3,196	3,187	2,722	2,890
Federal reserve reporting member banks:											
Total loans and discounts ... mills. of dolls	13,405	13,442	13,421	16,527	16,690	16,668	17,698	17,861	18,115	16,200	16,097
Total investments ... mills. of dolls	7,503	7,560	7,612	6,854	6,804	6,767	5,655	5,650	5,601	5,894	5,876
"Other" loans ... mills. of dolls	7,574	7,553	7,573	8,766	8,852	8,763	9,809	9,871	9,746	8,954	8,993
Net demand deposits ... mills. of dolls	12,206	12,279	12,287	13,882	13,974	14,049	13,890	14,227	14,570	13,408	13,396
Time deposits ... mills. of dolls	6,211	6,241	6,256	7,487	7,486	7,552	6,760	6,722	6,756	6,846	6,849
Sterling exchange, rate quoted (daily av.) ... dollars	361	3.76	3.79	4.86	4.86	4.86	4.88	4.88	4.88	4.85	4.85
Interest loans on brokers' loans:											
Time money, New York ... per cent	3.50	3.75	4.00	2.75	2.75	2.75	5.00	5.50	6.00	7.00	7.00
Call money, New York ... per cent	2.50	2.38	2.50	2.00	2.00	2.00	4.50	4.75	5.88	7.50	6.50
Money in circulation (daily average) ... mills. of dolls	5,486	5,496	5,535	4,580	4,513	4,498	4,897	4,816	4,856	4,908	4,835
Stocks, New York Exchange:											
Average price 50 stocks ... dollars	83.06	89.98	98.80	159.27	161.22	156.38	201.76	199.37	179.69	227.16	224.07
Sales ... thous. of shares	6,849	9,075	10,668	8,175	12,502	18,983	8,087	14,362	27,491	26,041	30,350
Stock prices, weighted:											
Industrials, rails and utilities (404) ... rel. to 1926	66.0	70.5	76.1	116.9	119.1	113.1	152.5	157.1	140.3	178.9	175.3
All industrials (337) ... rel. to 1926	62.4	66.5	71.3	109.2	110.8	105.4	145.5	150.5	134.5	186.4	184.2
All railroads (33) ... rel. to 1926	39.3	44.4	51.5	101.3	102.8	99.0	136.8	138.9	127.8	139.7	137.2
All utilities (34) ... rel. to 1926	107.2	112.9	120.7	166.5	171.6	161.2	198.2	203.7	177.6	180.5	170.5

Monthly Business Statistics

The following table contains a summary of the monthly figures designed to show the trend in important industrial and commercial movements. These data represent continuations of the figures presented in the 1931 Annual Supplement to the Survey of Current Business, in which monthly figures for the past seven years may be found, together with explanations as to the sources and basis for the figures quoted. The figures given below should always be read in connection with these explanations. For later data, which have become available since these data were compiled, see recent Weekly Supplements to the Survey.

CONTENTS

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
INDUSTRIAL PRODUCTION													
Federal Reserve Board													
Total, unadjusted ..... rel. to 1923-25	76	77	78	80	83	89	90	89	87	82	78	85	90
Total, adjusted ..... rel. to 1923-25	74	76	79	83	84	89	89	87	86	82	82	84	87
Manufactures, total unadjusted rel. to 1923-25	73	[2] 76	77	79	82	90	91	91	88	81	76	84	88
Manufactures, total adjusted ..... rel. to 1923-25	72	76	79	83	84	89	89	87	85	81	80	84	85
Automobiles ..... rel. to 1923-25	28	[2] 40	52	61	65	77	77	67	68	63	85	74	49
Cement ..... rel. to 1923-25	83	95	102	108	112	96	90	81	80	84	83	86	97
Food products ..... rel. to 1923-25	90	[2] 92	88	88	83	91	96	87	92	93	89	94	94
Iron and steel ..... rel. to 1923-25	43	46	51	59	64	72	75	78	73	64	59	65	75
Leather and shoes ..... rel. to 1923-25	86	[2] 97	104	101	101	107	102	92	87	77	81	80	89
Lumber ..... rel. to 1923-25	35	38	40	44	49	50	49	50	45	49	50	47	54
Nonferrous metals ..... rel. to 1923-25	65	[2] 65	64	65	68	73	73	77	79	78	85	87	95
Paper and printing ..... rel. to 1923-25	....	104	105	109	108	113	110	110	111	107	101	103	107
Petroleum refining ..... rel. to 1923-25	....	161	165	162	161	163	161	152	149	144	149	151	160
Polished plate glass ..... rel. to 1923-25	....	55	72	91	91	112	117	119	111	90	65	91	101
Auto tires and tubes ..... rel. to 1923-25	....	79	90	112	126	123	107	98	94	88	73	77	88
Textiles ..... rel. to 1923-25	93	[2] 100	100	102	97	101	98	97	93	86	87	93	91
Tobacco manufactures ..... rel. to 1923-25	112	118	118	122	133	137	134	131	132	121	128	119	129
Minerals, total unadjusted ..... rel. to 1923-25	....	[2] 82	82	85	85	84	83	82	84	86	89	95	104
Minerals, total adjusted ..... rel. to 1923-25	85	[2] 77	79	84	85	86	92	87	88	90	94	92	98
Anthracite ..... rel. to 1923-25	91	65	61	57	66	71	84	72	89	93	93	83	105
Bituminous coal ..... rel. to 1923-25	71	70	70	74	74	75	77	76	73	77	85	86	87
Copper ..... rel. to 1923-25	....	60	59	59	67	68	69	70	76	72	76	83	83
Crude petroleum ..... rel. to 1923-25	119	[2] 102	107	122	122	122	121	112	110	110	111	114	115
Iron-ore shipments ..... rel. to 1923-25	42	51	59	55	46	27	0	0	0	0	0	51	74
Lead ..... rel. to 1923-25	68	67	61	64	60	78	71	79	82	83	92	83	94
Silver ..... rel. to 1923-25	40	40	45	42	46	51	54	63	62	68	71	73	70
Zinc ..... rel. to 1923-25	47	49	49	49	54	54	61	65	65	65	68	70	90
Industrial Consumption of Electrical Energy													
Consumption by geographic sections:													
United States ..... rel. to 1923-25	97.1	100.4	97.3	97.9	101.7	109.8	106.4	108.2	110.3	97.6	99.1	105.4	103.2
New England ..... rel. to 1923-25	87.5	97.0	89.9	100.0	98.4	104.4	109.4	105.8	105.5	90.2	86.3	96.3	93.2
North Central ..... rel. to 1923-25	87.4	92.6	90.0	92.1	102.7	109.2	105.0	105.7	109.0	100.2	99.0	100.6	107.3
Middle Atlantic ..... rel. to 1923-25	103.3	104.0	99.5	95.7	91.5	101.3	97.6	102.8	108.0	96.6	97.5	103.5	99.6
Southern ..... rel. to 1923-25	113.2	113.8	112.8	117.5	114.3	118.2	108.6	117.5	130.6	105.8	116.4	113.4	118.4
Western ..... rel. to 1923-25	102.2	102.3	108.8	96.8	106.4	119.1	114.0	115.7	120.0	111.0	99.9	121.3	116.1
Consumption by industries:													
All industry ..... rel. to 1923-25	97.1	100.4	97.3	97.9	101.7	109.8	106.4	108.2	110.3	97.6	99.1	104.3	103.2
Automobiles, including repair parts ..... rel. to 1923-25	57.4	53.7	43.6	55.9	71.3	89.7	90.8	94.1	88.9	67.5	71.5	74.9	80.9
Electrical apparatus and equipment ..... rel. to 1923-25	128.5	129.8	128.0	130.1	130.8	132.0	136.7	124.3	149.0	144.7	132.4	137.5	140.6
Food and kindred products rel. to 1923-25	136.5	142.0	146.4	147.0	136.2	126.8	122.0	116.8	112.9	118.3	107.1	124.4	137.2
Leather and its products ..... rel. to 1923-25	81.8	81.9	77.1	83.8	85.4	81.0	83.9	71.2	76.1	71.6	68.7	73.0	84.9
Lumber and its products ..... rel. to 1923-25	82.2	82.2	79.4	76.9	86.3	97.2	91.5	93.2	84.2	82.6	73.3	86.5	77.1
Metals group ..... rel. to 1923-25	73.0	76.2	75.0	74.5	81.5	98.5	99.5	112.2	114.0	97.4	102.3	99.5	101.2
Metal-working plants ..... rel. to 1923-25	71.0	75.0	73.3	69.3	78.6	94.0	94.6	103.5	112.3	95.0	97.8	89.6	87.0
Rolling mills and steel plants ..... rel. to 1923-25	76.3	78.3	78.0	83.1	86.6	106.8	108.1	119.4	116.5	103.4	110.2	106.5	126.0
Paper and pulp ..... rel. to 1923-25	113.0	138.3	121.7	104.0	112.4	135.1	109.6	123.0	127.0	111.8	117.0	112.3	120.0
Rubber and its products ..... rel. to 1923-25	82.8	88.0	98.5	97.4	121.0	122.3	109.0	109.6	122.0	106.5	84.3	95.3	99.0
Shipbuilding ..... rel. to 1923-25	84.5	88.9	85.6	82.0	84.8	89.7	92.5	98.3	114.8	113.9	99.0	105.5	121.5
Stone, clay, and glass ..... rel. to 1923-25	113.4	113.9	105.0	104.8	118.7	132.0	116.5	105.1	102.6	75.3	100.6	106.2	106.3
Textiles ..... rel. to 1923-25	98.2	98.7	95.0	98.2	100.5	103.7	100.0	97.3	99.3	86.4	89.8	87.0	85.4

[2] Revised.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
STOCKS AND ORDERS													
New orders, total....rel. to 1923-25		55.2	48.2	48.1	56.0	52.9	60.4	58.2	49.8	51.2	48.7	48.7	56.6
Stocks, total....rel. to 1923-25	162.6	[2] 142.3	137.7	134.2	[2] 134.2	[2] 139.3	[2] 144.0	150.7	[2] 153.3	156.3	163.7	161.8	157.2
Manufactured goods....rel. to 1923-25	105.7	[2] 108.7	[2] 113.3	117.1	[2] 118.3	[2] 118.6	[2] 119.5	119.5	[2] 119.8	119.5	120.1	118.6	118.4
Raw materials....rel. to 1923-25	203.6	[2] 166.7	[2] 155.3	146.5	[2] 145.7	[2] 154.2	161.7	173.2	177.4	182.8	194.5	192.6	184.8
Unfilled orders, total....rel. to 1923-25	45.1	46.0	[2] 47.8	51.9	[2] 56.6	[2] 57.4	[2] 60.5	[2] 61.8	[2] 61.0	61.8	61.8	58.7	58.6
COST OF LIVING													
All groups....rel. to 1923	84.9	85.6	85.9	85.9	85.9	86.9	88.2	89.1	89.6	91.1	92.6	93.9	94.8
Clothing....rel. to 1923	75.4	78.5	78.6	78.6	79.9	80.7	82.0	83.2	84.4	84.6	86.6	87.7	88.8
Food....rel. to 1923	81.5	81.7	81.9	81.5	81.0	82.8	84.9	86.5	86.9	90.9	93.9	96.8	98.8
Fuel and light....rel. to 1923	90.5	90.1	89.6	89.3	89.1	89.1	90.6	92.5	92.7	92.9	92.9	92.9	92.7
Housing....rel. to 1923	80.3	80.7	81.5	82.0	82.6	83.5	84.1	84.6	85.3	85.9	86.7	87.5	88.0
Sundries....rel. to 1923	94.6	95.4	95.5	95.8	95.5	95.9	96.8	96.8	96.9	97.2	97.4	97.6	97.8
PRICE INDEXES													
Department of Labor Indexes:													
All commodities (550)....rel. to 1926	68.4	69.1	70.2	70.0	70.0	71.3	73.3	74.5	75.5	77.0	78.4	80.4	82.6
Farm products....rel. to 1926	58.8	60.5	63.5	64.9	65.4	67.1	70.1	70.6	70.1	73.5	75.2	79.3	82.6
Food (121)....rel. to 1926	72.6	72.9	73.7	73.1	72.4	72.9	75.6	76.7	77.1	80.1	81.8	85.7	88.6
Finished products (380)....rel. to 1926	73.7	74.0	74.6	74.0	74.0	75.1	77.1	78.4	79.3	80.5	81.9	83.7	85.6
Industrial group commodities—													
Building materials (57)....rel. to 1926	74.3	74.9	75.4	75.8	77.5	78.4	80.9	81.9	81.8	82.9	84.4	85.6	85.8
Chemicals and drugs (78)....rel. to 1926	74.1	74.8	75.5	77.3	77.9	79.1	80.1	81.9	82.2	83.6	84.8	85.2	86.0
Fuel and lighting (23)....rel. to 1926	63.4	63.3	62.3	58.2	58.1	60.9	61.6	64.5	69.6	69.8	70.5	71.8	75.1
Hides and leather products (40)....rel. to 1926	82.2	84.8	88.5	89.2	87.8	87.3	87.3	87.4	86.6	88.6	91.2	94.0	96.5
House furnishing goods (37)....rel. to 1926	83.2	84.7	87.5	88.0	88.6	89.2	90.8	90.8	90.8	91.1	91.3	95.2	95.3
Metal and metal products....rel. to 1926	86.5	87.2	87.1	87.5	87.4	87.8	88.7	89.0	88.9	89.3	90.0	90.2	90.4
Textile products (75)....rel. to 1926	61.5	62.9	64.2	65.4	65.4	66.3	67.6	69.2	70.4	71.0	72.4	73.3	73.8
Miscellaneous (25)....rel. to 1926	59.0	58.4	58.5	61.0	61.8	62.8	63.9	64.7	63.9	64.7	66.9	67.8	68.8
All except farm and food products (384)....rel. to 1926	71.4	72.0	72.3	71.8	71.9	73.2	74.2	75.6	77.1	77.8	79.0	80.1	81.5
Raw materials (108)....rel. to 1926	61.5	62.7	64.1	64.3	64.7	66.5	68.3	69.4	70.6	72.9	74.2	76.8	80.0
Semimanufactured articles (62)....rel. to 1926	64.7	66.3	68.3	69.5	68.5	68.9	71.1	72.2	72.3	73.4	74.3	75.6	75.5
Bradstreet's Index....rel. to 1926	62.6	64.2	65.7	68.0	67.9	66.9	69.0	71.4	71.0	72.0	73.6	76.1	77.8
Dun's Index....rel. to 1926	74.4	72.3	75.1	77.2	77.7	77.3	79.2	80.9	81.4	82.7	84.7	86.4	87.6
WHOLESALE PRICES													
Acetate of lime....dolls. per cwt	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.42
Aluminum No. 1, Virgin 98-99, New York....dolls. per lb	.2290	.2290	.2290	.2290	.2290	.2290	.2290	.2290	.2290	.2290	.2290	.2290	.2290
Aluminum, scrap cast, New York..dolls. per lb	.0393	.0400	.0400	.0424	.0438	.0438	.0488	.0488	.0517	.0525	.0601	.0738	.0769
Barley, No. 2, Minneapolis....dolls. per bu	.50	.50	.45	.42	.39	.45	.48	.44	.44	.44	.47	.48	.52
Brass sheets, mill....dolls. per lb	.130	.152	.154	.157	.158	.165	.172	.174	.171	.173	.178	.176	.169
Brick, common, red, New York....dolls. per thous	10.00	10.00	10.00	10.00	10.00	10.25	10.25	10.00	10.00	10.00	9.50	9.50	9.50
Butter, common, New York....dolls. per lb	.34	.33	.28	.25	.23	.24	.26	.29	.28	.29	.32	.36	.40
Cement, Portland (composite)..dolls. per lb	1.318	1.331	1.331	1.331	1.364	1.399	1.422	1.477	1.543	1.578	1.580	1.588	1.600
Cheese, American whole milk, New York....dolls. per lb	.16	.17	.16	.15	.14	.14	.15	.16	.16	.17	.18	.19	.19
Chemicals....rel. to 1927	86	86	86	88	88	89	90	90	89	90	93	94	94
Coffee, Rio, No. 7, Brazil grades..dolls. per lb	.058	.056	.056	.063	.068	.061	.053	.056	.064	.068	.070	.079	.089
Copper ingots, electrolytic....dolls. per lb	.0678	.0699	.0729	.0770	.0803	.0867	.0939	.0985	.0972	.0984	.1030	.1011	.0960
Coal:													
Anthracite—													
Retail, composite..dolls. per short ton	14.97	14.93	14.73	14.59	14.31	14.19	14.39	14.85	14.85	14.88	14.89	14.90	14.87
Wholesale, composite....dolls. per short ton	13.083	13.083	12.796	12.614	12.413	12.270	12.202	12.608	12.732	12.732	12.751	12.751	12.762
Bituminous—													
Mine average (spot)....dolls. per short ton		1.62	1.58	1.58	1.56	1.60	1.64	1.69	1.77	1.77	1.77	1.78	1.81
Prepared sizes (composite)....dolls. per net ton	3.954	3.954	3.907	3.856	3.816	3.838	3.845	3.999	4.223	4.270	4.317	4.336	4.342
Retail, composite..dolls. per short ton	8.22	8.17	8.11	8.09	8.00	8.04	8.46	8.71	8.83	8.87	8.94	8.94	8.88
Wholesale, composite....dolls. per short ton	3.703	3.705	3.704	3.706	3.692	3.723	3.760	3.791	3.814	3.829	3.898	3.900	3.893
Coke, furnace, Connellsville....dolls. per short ton	2.45	2.45	2.45	2.45	2.45	2.48	2.50	2.50	2.53	2.55	2.55	2.58	2.60
Cocoa, spot, Accra, New York..dolls. per lb	.0475	.0463	.0525	.0581	.0563	.0494	.0535	.0550	.0563	.0619	.0675	.0688	.0675
Corn:													
No. 3, yellow, Chicago....dolls. per bu	.38	.42	.46	.57	.58	.56	.58	.60	.61	.65	.69	.71	.82
No. 3, Kansas City....dolls. per bu	.40	.46	.45	.53	.52	.52	.53	.54	.54	.59	.66	.69	.82
No. 3, white, Chicago....dolls. per bu	.39	.44	.49	.58	.59	.56	.58	.60	.63	.68	.73	.76	.88
Cotton:													
To producer....dolls. per lb	.053	.059	.063	.085	.077	.088	.093	.096	.091	.086	.087	.096	.092
In New York, middling....dolls. per lb	.064	.065	.072	.093	.090	.093	.102	.109	.110	.102	.101	.110	.107
Cottonseed oil, refined, yellow, prime, New York....dolls. per lb	.045	.044	.059	.069	.068	.069	.076	.076	.073	.073	.072	.076	.076
Cotton goods:													
Print cloth 64 x 60....dolls. per yd	.038	.041	.043	.049	.048	.050	.053	.055	.053	.052	.053	.057	.055
Sheeting, brown....dolls. per yd	.046	.050	.052	.056	.054	.058	.059	.059	.065	.062	.065	.066	.066
Cotton goods (Fairchild)..rel. to 1911-1913		95	100	111	112	115	119	121	119	120	122	124	124
Cotton yarns:													
22/1 cones, Boston....dolls. per lb	.189	.201	.212	.225	.215	.223	.231	.240	.239	.248	.247	.254	.235
40/15 southern spinning....dolls. per lb	.315	.326	.336	.352	.352	.353	.369	.382	.390	.390	.390	.405	.413
Drugs and pharmaceuticals....rel. to Aug., 1914	157	157	157	157	157	157	160	174	175	175	175	175	176
Drugs, crude....rel. to Aug., 1914	118	118	118	118	128	130	131	130	131	133	137	137	137
Essential oils....rel. to Aug., 1914	65	70	76	77	77	79	82	81	80	81	85	87	90
Flaxseed, No. 1, Minneapolis..dolls. per bu	1.32	1.37	1.41	1.64	1.48	1.55	1.57	1.58	1.56	1.57	1.61	1.65	1.80
Flour, see under wheat flour.													
Food, wholesale, see under individual items.													
Food, retail (Dept. of Labor)....rel. to 1913	119.1	119.4	119.7	119.0	118.3	121.0	124.0	126.4	127.0	132.8	137.2	141.4	144.4
Hides:													
Green salted, packers' heavy native steers....dolls. per lb	.077	.090	.113	.120	.100	.085	.092	.090	.073	.095	.107	.118	.133
Calfskins, country, No. 1....dolls. per lb	.083	.098	.129	.139	.129	.129	.135	.128	.117	.125	.144	.156	.172

[2] Revised.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931 October	1931 September	1931 August	1931 July	1931 June	1931 May	1931 April	1931 March	1931 February	1931 January	1930 December	1930 November	1930 October
WHOLESALE PRICES—Continued													
Hosiery ... rel. to 1926	48.6	48.6	48.6	48.6	48.6	50.8	50.8	51.9	51.9	51.9	58.3	58.3	60.5
Iron and steel, metals and metal products ... rel. to 1926	86.5	87.2	87.1	87.5	87.4	87.8	88.7	89.0	88.9	89.3	90.0	90.2	90.4
Iron, raw:													
Basic (valley furnace) ... dolls. per long ton	15.25	15.50	15.50	15.50	15.50	16.25	16.50	16.50	16.75	17.00	17.00	17.00	17.00
Composite pig iron ... dolls. per long ton	16.23	16.32	16.38	16.38	16.40	16.64	16.75	16.72	16.82	16.94	17.01	17.14	17.30
Foundry No. 2, northern ... dolls. per long ton	18.39	18.76	18.76	18.76	18.76	18.76	18.76	18.26	18.51	18.76	18.76	18.76	18.89
Lard, prime contract, New York ... dolls. per lb	.080	.075	.075	.082	.083	.082	.090	.094	.085	.090	.100	.112	.119
Lead, pig, desilverized, New York ... dolls. per lb	.0395	.0440	.0440	.0440	.0392	.0382	.0441	.0453	.0455	.0480	.0510	.0510	.0515
Leather, composite, wholesale price ... rel. to 1926	80.7	83.4	90.3	89.8	87.8	83.1	88.4	88.4	89.0	90.8	91.5	93.3	96.7
Leather, sole and belting, oak, and scoured backs ... dolls. per lb	.35	.39	.40	.37	.37	.37	.37	.37	.37	.38	.40	.41	.41
Leather, upper, composite, chrome, calf black, "B" grade ... dolls. per sq. ft	.330	.337	.348	.350	.352	.356	.356	.352	.354	.359	.355	.367	.372
Leather, hides (see under hides).													
Leather, shoes (see under shoes).													
Linseed oil, New York ... dolls. per lb	.073	.076	.083	.091	.086	.088	.092	.095	.092	.088	.092	.094	.099
Lumber:													
Composite, wholesale price ... rel. to 1926	64.5	65.5	66.0	66.3	67.8	68.4	73.3	74.2	73.2	76.0	78.1	80.1	80.2
Douglas fir, No. 1, common ... dolls. per M ft. b. m	11.21	11.27	10.97	10.64	11.25	11.64	12.12	12.68	12.86	12.82	12.99	13.25	12.98
Douglas fir, flooring, 1 x 4, "B" and better (V. G. Washington) ... dolls. per M ft. b. m	25.63	25.48	25.29	25.76	25.98	28.33	29.74	31.14	31.65	31.33	31.73	33.40	33.77
Southern yellow pine ... dolls. per M ft. b. m	26.49	27.21	27.68	27.82	28.15	28.82	28.32	29.66	28.42	30.73	32.51	33.44	34.01
Meats:													
Beef, fresh, carcass, good native steers, Chicago ... dolls. per lb	.156	.148	.144	.129	.129	.143	.160	.169	.178	.195	.195	.195	.195
Beef, fresh, carcass, steers, New York ... dolls. per lb	.173	.165	.158	.145	.145	.155	.172	.180	.196	.205	.205	.205	.205
Cattle, corn-fed, Chicago ... dolls. per 100 lbs	9.250	8.656	8.620	7.250	7.320	7.675	8.563	9.075	9.106	10.00	10.58	10.31	9.97
Hogs, heavy, Chicago ... dolls. per 100 lbs	5.41	5.71	6.35	6.24	6.39	6.40	7.08	7.18	6.73	7.34	7.94	8.86	9.86
Sheep, ewes, Chicago ... dolls. per cwt	1.63	1.63	1.98	2.56	1.55	2.44	3.29	3.79	3.69	3.44	2.93	3.38	3.84
Sheep, lambs, Chicago ... dolls. per lb	5.70	5.94	5.95	6.06	6.98	8.36	8.76	8.27	8.31	7.98	7.40	7.13	7.03
Pork, hams, smoked, Chicago ... dolls. per lb	.182	.186	.185	.173	.174	.182	.184	.187	.195	.207	.213	.222	.221
Western dressed steers, New York ... dolls. per lb	.173	.165	.158	.145	.145	.155	.172	.180	.196	.205	.205	.205	.205
Methanol:													
Refined ... dolls. per gal	.35	.35	.35	.35	.35	.35	.35	.40	.40	.40	.40	.40	.40
Milk, condensed, New York ... dolls. per case	4.75	4.75	5.00	5.65	5.65	5.65	5.65	5.65	5.79	6.03	6.03	6.03	6.03
Milk, evaporated ... dolls. per case	3.00	3.00	3.00	3.10	3.20	3.30	3.50	3.50	3.50	3.75	3.80	3.80	3.80
Nonferrous metals ... rel. to 1926	53.7	56.8	58.0	59.4	58.9	60.6	65.1	67.1	66.1	67.4	69.7	68.4	67.8
Oats:													
No. 3, white, Chicago ... dolls. per bu	.23	.22	.21	.23	.27	.28	.30	.31	.32	.32	.34	.33	.36
Oils and fats ... rel. to 1927	47	51	62	68	64	68	72	71	68	71	73	73	74
Oleomargarine, standard, uncolored, Chicago ... dolls. per lb	.127	.119	.105	.106	.110	.128	.145	.145	.155	.177	.190	.205	.205
Paper, newsprint roll, delivered, New York ... dolls. per 100 lbs	----	----	----	----	----	----	----	3.10	3.10	3.10	3.10	3.25	3.25
Petroleum:													
Crude, Kansas-Oklahoma ... dolls. per bbl	.560	.560	.434	.238	.300	.530	.530	.594	.850	.850	.850	.850	1.098
Gas and fuel oils, Oklahoma 24-26, refineries ... dolls. per bbl	.338	.319	.280	.294	.385	.463	.488	.510	.588	.600	.610	.650	.594
Gasoline, New York ... dolls. per gal	.143	.143	.133	.133	.133	.133	.133	.133	.138	.135	.141	.141	.143
Kerosene, 150° water white ... dolls. per gal	.039	.039	.038	.038	.042	.045	.048	.051	.053	.054	.054	.053	.054
Lubricating oil, cylinder ... dolls. per gal	----	----	----	----	----	----	.145	.145	.146	.165	.172	.184	.186
Pig iron, foundry No. 2, Pittsburgh ... dolls. per long ton	18.39	18.76	18.76	18.76	18.76	18.76	18.76	18.26	18.51	18.76	18.76	18.76	18.89
Potatoes ... dolls. per bu	.462	.601	.767	.825	.753	.870	.908	.849	.867	.903	.898	.950	1.017
Rayon, 150 denier "A" grade, New York ... dolls. per lb	----	.75	.75	.75	.75	.75	.75	.75	.75	.75	.95	.95	.95
Rosin, gum, New York ... dols. per bbl	3.80	3.87	3.94	4.28	4.68	4.70	4.73	4.64	4.38	4.45	4.95	5.29	5.54
Rubber, crude, smoked sheets, New York ... dolls. per lb	.050	.050	.054	.063	.063	.064	.064	.077	.076	.082	.089	.089	.084
Rye, No. 2, Minneapolis ... dolls. per bu	.41	.39	.38	.37	.37	.36	.35	.36	.37	.38	.44	.43	.49
Sheep, ewes, Chicago ... dolls. per 100 lbs	1.63	1.63	1.98	2.56	1.55	2.44	3.29	3.79	3.69	3.44	2.93	3.38	3.84
Sheep, lambs, Chicago ... doll. per 100 lbs	5.70	5.94	5.95	6.06	6.98	8.36	8.76	8.27	8.31	7.98	7.40	7.13	7.03
Shoes, men's black calf blucher, Boston ... dolls. per pair	6.55	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75
Shoes, men's dress welt, tan calf, oxford, St. Louis ... dolls. per pair	4.35	4.35	4.35	4.35	4.49	4.60	4.60	4.60	4.60	4.60	4.72	4.85	4.85
Shoes, women's black kid, McKay sewed ... dolls. per pair	3.150	3.150	3.150	3.150	3.250	3.250	3.250	3.250	3.250	3.250	3.450	3.550	3.550
Silk, raw, Japanese, 13-15, New York ... dolls. per lb	2.266	2.315	2.512	2.364	2.463	2.266	2.266	2.561	2.709	2.807	2.709	2.463	2.512
Silk goods, composite ... dolls. per yd	----	.98	.98	.98	.99	.99	.99	.99	1.00	1.02	1.02	1.02	1.02
Steel beams, mill, Pittsburgh ... dolls. per cwt	1.60	1.60	1.60	1.65	1.65	1.65	1.65	1.65	1.65	1.63	1.60	1.60	1.60
Steel, crude:													
Composite, finished steel ... dolls. per 100 lbs	2.18	2.20	2.19	2.20	2.19	2.21	2.22	2.23	2.22	2.22	2.19	2.20	2.22
Iron and steel, composite ... dolls. per long ton	30.81	31.03	31.05	31.05	31.02	31.39	31.61	31.66	31.65	31.70	31.76	31.95	32.31
Steel billets, Bessemer ... dolls. per long ton	29.00	29.00	29.00	29.00	29.00	29.50	30.00	30.00	30.00	30.00	30.60	31.00	31.00
Steel scrap, Chicago ... dolls. per gross ton	8.000	8.200	8.375	8.750	8.750	8.875	9.813	10.000	10.063	10.219	10.000	10.125	11.375
Structural steel beams ... dolls. per 100 lbs	1.60	1.60	1.60	1.65	1.65	1.65	1.65	1.65	1.65	1.63	1.60	1.60	1.60
Structural steel beams ... rel. to 1926	81.7	81.7	81.7	84.3	84.3	84.3	84.3	84.3	84.3	83.0	81.7	81.7	81.7
Sulphuric acid ... dolls. per 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
Sugar:													
Retail average, 51 cities ... rel. to 1913	102	104	104	102	102	102	104	106	107	107	107	107	106
Retail granulated, New York ... dolls. per lb	.052	.052	.053	.051	.050	.050	.050	.051	.053	.053	.053	.053	.053
Wholesale, 96° centrif., New York ... dolls. per lb	.034	.034	.035	.035	.033	.032	.033	.033	.033	.034	.033	.034	.033
Wholesale, granulated, New York ... dolls. per lb	.045	.045	.046	.046	.044	.043	.044	.043	.045	.046	.046	.047	.044
Tea, Formosa fine, New York ... dolls. per lb	.225	.225	.225	.225	.225	.225	.225	.225	.225	.225	.225	.225	.223
Textiles, general ... rel. to 1926	61.5	62.9	64.2	65.4	65.4	66.3	67.6	69.2	70.4	71.0	72.4	73.3	73.8
Tin, wholesale, straits, New York ... dolls. per lb	.2272	.2468	.2575	.2502	.2341	.2320	.2512	.2707	.2631	.2610	.2527	.2589	.2686

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
WHOLESALE PRICES—Continued													
Turpentine gum, New York .... dolls. per gal.	0.36	0.37	0.36	0.39	0.55	0.54	0.56	0.53	0.45	0.44	0.42	0.43	0.41
Wheat:													
No. 1, northern spring, Minneapolis .... dolls. per bu.	.72	.69	.65	.61	.74	.81	.79	.76	.75	.76	.77	.75	.82
No. 2, red winter, St. Louis .... dolls. per bu.	.52	.47	.47	.48	.72	.79	.80	.78	.79	.78	.83	.83	.87
No. 2, hard winter, Kansas City .... dolls. per bu.	.48	.43	.43	.44	.68	.73	.73	.70	.69	.69	.71	.69	.74
Wheat flour:													
Standard patents, Minneapolis .... dolls. per bbl.	4.28	4.24	4.21	4.13	4.75	4.85	4.71	4.67	4.85	4.96	4.89	4.69	4.98
Winter straights, Kansas City .... dolls. per bbl.	3.10	2.96	2.96	3.84	4.12	4.14	4.02	4.00	4.06	4.09	4.03	4.14	4.23
Wool:													
Raw, territory, fine, scoured .... dolls. per lb.	.58	.62	.63	.62	.62	.63	.65	.66	.66	.68	.72	.72	.75
Raw, Ohio and Pennsylvania, fleeces, ¼ blood, combing grease .... dolls. per lb.	.21	.22	.23	.21	.20	.20	.22	.22	.23	.26	.27	.29	.30
Suiting, 13 oz .... dolls. per yd.	1.400	1.400	1.490	1.494	1.494	1.494	1.494	1.543	1.601	1.601	1.601	1.601	1.601
Women's dress goods, French serge, 54-in., at factory .... dolls. per yd.	.925	.925	.925	.925	.925	.925	.968	1.050	1.050	1.050	1.050	1.050	1.093
Worsted yarns .... dolls. per lb.	.950	.950	1.00	1.00	1.00	1.00	1.00	1.00	1.10	1.10	1.17	1.20	1.20
Zinc, prime western .... dolls. per lb.	.0338	.0374	.0382	.0389	.0342	.0331	.0372	.0400	.0401	.0404	.0410	.0427	.0406
FARM PRICES													
Cotton and cottonseed (2) .... rel. to 1909-14.	42	47	53	71	65	74	78	80	76	72	73	80	76
Dairy and poultry products (4) .... rel. to 1909-14.	99	93	89	84	85	87	96	99	95	108	120	130	126
Fruits and vegetables (9) .... rel. to 1909-14.	70	83	97	110	114	119	120	109	109	108	108	114	127
Grains (6) .... rel. to 1909-14.	46	50	54	57	67	74	74	74	75	77	80	80	92
Meat animals (5) .... rel. to 1909-14.	79	86	92	92	91	99	106	106	106	112	112	118	123
Unclassified (5) .... rel. to 1909-14.	53	55	60	58	59	62	63	65	67	69	70	73	70
All groups (31) .... rel. to 1909-14.	68	72	75	79	80	86	91	91	90	94	97	103	106
RETAIL PRICES													
Retail food index (Dept. of Labor) .... rel. to 1913.	119.1	119.4	119.7	119.0	118.3	121.0	124.0	126.4	127.0	132.8	137.2	141.4	144.4
Retail coal index (Dept. of Labor) .... rel. to 1913.	189.1	188.7	186.1	184.3	180.8	179.4	181.8	187.7	187.6	188.1	188.1	188.0	187.9
AIRPLANES													
Deliveries, military .... number.		57	56	44	77	58	63	93	74	115	126	72	82
Exports, during month .... number.		11	18	15	21	11	8	9	7	12	23	38	9
Production:													
Commercial aircraft .... number.		89	150	212	257	288	207	185	76	119	70	70	113
Manufactured for export .... number.		11	18	15	21	1	7	9	7	12	17	17	18
AUTOMOBILES													
Production index (Fed. Res. Bd.) .... rel. to 1923-25.	28	[2] 40	52	60	65	77	77	67	68	63	85	74	49
Production index (elect. energy consumed) .... rel. to 1923-25.	57.4	53.7	43.6	55.9	71.3	89.7	90.8	94.1	88.9	67.5	71.5	74.9	80.9
Passenger cars and trucks:													
Production, actual—													
Canada—													
Total .... no. of cars.	1,440	2,646	4,544	4,220	6,835	12,738	17,159	12,993	9,871	6,496	5,622	5,407	4,541
Passenger cars .... no. of cars.	761	2,108	3,426	3,151	5,583	10,621	14,043	10,483	7,529	4,552	4,225	3,527	3,206
Trucks .... no. of cars.	679	538	1,118	1,069	1,252	2,117	3,116	2,510	2,342	1,944	1,397	1,880	1,335
United States—													
Total .... no. of cars.	80,142	140,566	187,197	218,490	250,640	317,163	336,939	276,405	219,940	171,848	155,701	136,754	154,401
Passenger cars .... no. of cars.	57,764	109,087	155,321	183,993	210,016	271,135	286,252	230,834	179,890	137,805	120,833	100,532	113,226
Taxicabs .... no. of cars.	651	141	104	180	360	340	665	410	529	512	1,425	609	582
Trucks .... no. of cars.	21,727	31,338	31,772	34,317	40,264	45,688	50,022	45,161	39,521	33,531	33,443	35,613	40,593
Electric industrial trucks and tractors:													
Shipments—													
Domestic .... number.	16	39	37	63	50	69	48	84	50	33	42	37	91
Exports .... number.	1	4	13	15	25	0	23	9	6	5	9	9	3
Autos, parts and accessories, export value .... thous. of dolls.	8,492	8,658	10,651	11,525	12,755	14,174	18,004	18,494	16,071	14,353	15,292	14,080	14,542
Exports (assembled):													
From Canada—													
Total .... no. of cars.		690	740	934	1,021	1,512	1,172	1,853	1,565	3,054	3,645	2,588	2,868
Passenger cars .... no. of cars.		557	542	644	789	1,083	763	1,327	881	1,798	2,193	1,260	2,003
Trucks .... no. of cars.		133	198	290	232	429	409	526	684	1,256	1,452	1,328	865
From United States—													
Total .... no. of cars.	7,707	8,748	8,055	9,996	10,183	12,966	16,727	17,528	13,374	12,838	14,198	12,078	11,215
Passenger cars .... no. of cars.	3,207	4,577	5,699	6,478	5,843	8,468	11,228	11,526	9,187	8,304	9,096	6,039	7,136
Trucks .... no. of cars.	4,500	4,171	2,356	3,518	4,340	4,498	5,499	6,002	4,187	4,534	5,102	6,039	4,079
Financing:													
United States—													
Wholesale dealers .... thous. of dolls.	25,780	[2] 35,841	43,947	48,859	58,178	72,630	71,194	63,090	49,813	40,165	35,550	29,633	35,878
Total consumers .... thous. of dolls.	60,736	[2] 68,285	79,641	95,953	104,698	109,426	113,045	92,055	66,181	61,734	65,967	60,197	81,256
New cars .... thous. of dolls.	33,212	[2] 38,610	46,871	59,307	63,566	68,571	70,561	55,036	86,865	32,957	35,342	31,805	45,632
Used cars .... thous. of dolls.	25,903	[2] 27,581	30,493	34,136	37,999	37,793	39,564	34,704	27,722	27,245	28,838	26,842	33,755
Unclassified .... thous. of dolls.	1,621	2,094	2,277	2,509	3,133	3,062	2,920	2,315	1,593	1,532	1,787	1,550	1,869
Canada—													
Total new and used cars and trucks .... thous. of dolls.			2,903	4,196	4,918	6,317	6,254	3,543	2,361	2,197	2,954	3,038	3,792
New cars and trucks .... thous. of dolls.			1,417	2,102	2,445	3,440	3,376	1,890	921	910	613	817	1,289
Used cars .... thous. of dolls.			1,485	2,094	2,474	2,877	2,878	1,653	1,440	1,287	2,341	2,221	2,504
New passenger-car, registrations .... no. of cars.		124,903	155,744	194,322	201,911	247,727	265,732	200,841	134,133	126,786	96,054	93,066	150,219
Sales (General Motors Corp.):													
Total to consumers, U. S. .... no. of cars.	49,042	51,740	69,876	85,054	103,303	122,717	135,663	101,339	68,976	61,566	57,989	41,757	57,757
Total to dealers, U. S. .... no. of cars.	21,305	47,895	62,667	78,723	100,270	136,778	132,629	98,943	80,373	76,681	68,252	48,155	22,924
Total to dealers, including Canadian and overseas .... no. of cars.	25,975	58,122	70,078	87,449	111,668	153,730	154,252	119,195	96,003	89,349	80,008	57,257	28,253
Fire-extinguishing equipment:													
Shipments—													
Motor vehicles .... number.	80	64	81	72	90	75	72	76	69	56	113	71	96
Hand types .... number.	24,749	28,720	26,334	29,895	29,696	31,117	32,538	34,248	29,280	27,713	34,295	29,213	36,303
Accessories and parts, shipments:													
Accessories .... rel. to Jan., 1925.		66	66	57	61	61	66	65	53	46	55	63	79
Original equipment .... rel. to Jan., 1925.		54	70	79	91	129	127	117	95	84	64	62	75
Replacement parts .... rel. to Jan., 1925.		138	127	124	122	128	127	110	99	98	100	127	140
Service parts .... rel. to Jan., 1925.		67	79	85	102	117	118	115	97	92	75	80	99
Rim production .... thous. of rims.		505	924	813	1,085	1,508	1,718	1,425	1,011	681	567	920	864

[2] Revised.

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MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931 October	1931 September	1931 August	1931 July	1931 June	1931 May	1931 April	1931 March	1931 February	1931 January	1930 December	1930 November	1930 October
CHEMICALS AND ALLIED PRODUCTS													
Production index (Fed. Res. Bd.) petroleum refining ... rel. to 1923-25	------	161	165	162	161	163	161	152	149	144	149	151	160
Production index (elect. energy consumed) ... rel. to 1923-25	142.0	144.6	137.6	137.7	132.7	133.8	137.4	139.3	146.6	132.0	133.5	145.0	122.4
Prices, wholesale ... rel. to 1926	74.1	74.8	75.5	77.3	77.9	79.1	80.1	81.9	82.2	83.6	84.8	85.2	86.0
Stocks, manufactured goods, end of month ... rel. to 1923-25	130.4	[2] 121.0	[2] 117.4	119.2	123.3	129.3	129.0	132.0	130.7	128.8	123.9	124.2	125.2
Stocks, raw material, end of month ... rel. to 1923-25	120.7	[2] 99.5	85.3	86.7	87.9	88.4	91.5	96.5	103.2	107.7	124.2	128.5	132.7
Chemicals													
Acetate of lime:													
Production ... thous. of lbs	------	782	[2] 666	840	1,853	2,953	4,400	7,452	7,073	8,023	7,357	6,535	5,871
Shipments ... thous. of lbs	------	6,268	4,777	4,654	3,856	4,674	5,160	4,465	3,468	5,195	8,375	9,128	7,922
Stocks, end of month ... thous. of lbs	------	10,791	[2] 16,277	20,389	24,203	26,206	27,927	28,687	25,701	22,095	19,266	20,285	22,878
Price, wholesale ... dolls. per cwt	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.42
Arsenic, crude:													
Production ... short tons	------	994	2,594	1,036	1,407	1,491	1,402	1,957	1,494	2,803	1,483	2,392	2,694
Stocks, end of month ... short tons	------	4,669	4,977	3,972	4,280	4,768	5,265	5,478	5,862	6,486	5,767	5,037	5,125
Arsenic refined:													
Production ... short tons	------	1,252	1,238	997	1,024	1,044	964	1,506	1,409	1,570	1,439	1,508	1,265
Stocks, end of month ... short tons	------	3,528	2,616	2,440	2,201	2,012	1,950	2,181	2,449	2,419	2,221	2,010	1,813
Ethyl alcohol:													
Production ... thous. of proof gals	16,627	12,952	12,363	11,975	------	13,120	11,162	11,929	8,859	11,869	17,770	20,861	18,455
Warehouse stocks, end of month ... thous. of proof gals	15,120	15,885	17,024	14,888	------	14,711	13,074	11,633	11,008	9,442	6,858	8,304	8,898
Withdrawn for denaturization ... thous. of proof gals	15,564	13,076	11,637	10,436	------	10,288	10,541	8,795	6,296	8,081	19,134	20,070	18,537
Methanol, crude:													
Production ... gallons	------	133,507	[2] 113,892	154,473	182,273	247,808	322,049	483,222	465,728	522,656	469,312	424,736	372,939
Stocks at crude plants, end of month ... gallons	------	378,991	395,907	452,489	526,543	494,192	520,865	415,489	395,855	302,320	244,763	215,443	331,729
Stocks at refineries and in transit ... gallons	------	106,103	[2] 145,409	157,094	98,000	130,207	36,176	105,238	121,522	89,740	93,805	59,197	59,236
Exports ... gallons	------	------	42,300	61,240	59,950	52,048	54,857	30,146	18,295	45,139	90,111	40,814	100,479
Menthanol, refined:													
Price, wholesale, New York ... dolls. per gal	.35	.35	.35	.35	.35	.35	.35	.40	.40	.40	.40	.40	.40
Production ... gallons	------	56,519	[2] 65,311	91,696	107,331	118,052	211,073	253,494	223,144	306,373	382,547	431,179	575,711
Shipments ... gallons	------	98,431	[2] 129,822	122,846	110,454	257,707	141,801	199,500	221,279	167,309	372,352	477,029	541,807
Stocks, end of month ... gallons	------	258,886	[2] 330,811	395,322	426,472	429,595	569,250	499,978	445,984	444,119	305,055	294,860	340,710
Price index numbers:													
Crude drugs ... rel. to Aug., 1914	118	115	118	118	128	130	131	130	131	133	137	137	137
Essential oils ... rel. to Aug., 1914	65	70	76	77	77	79	82	81	80	81	85	87	90
Drugs and pharmaceuticals ... rel. to Aug., 1914	157	157	157	157	157	157	160	174	175	175	175	175	176
Chemicals ... rel. to 1927	86	86	86	88	88	89	90	90	89	90	93	94	94
Oils and fats ... rel. to 1927	47	51	62	68	64	68	72	71	68	71	73	73	74
Plastic paints, cold-water paints, and calcimines													
Sales: of—													
Plastic paints ... thous. of dolls	76	84	67	51	75	109	91	116	104	83	65	77	106
Calcimines ... thous. of dolls	145	162	122	127	141	165	162	175	122	96	100	105	169
Cold-water paints ... thous. of dolls	65	81	73	83	86	196	104	90	71	60	64	45	81
Paint, varnish, and lacquer products:													
Total sales (315 establishments) ... thous. of dolls	13,947	[2] 14,650	[2] 14,242	15,112	19,126	22,600	21,689	17,972	14,269	13,586	11,600	13,821	17,986
Trade sales ... thous. of dolls	8,451	[2] 8,956	[2] 8,592	8,802	12,011	14,430	13,477	10,461	7,844	7,399	6,171	7,649	10,141
Industrial sales ... thous. of dolls	5,368	5,638	[2] 5,764	6,235	7,031	8,071	7,999	7,431	6,282	6,047	5,289	6,025	7,615
Unclassified sales ... thous. of dolls	83	86	[2] 85	75	84	100	213	81	144	141	140	147	230
Sulphur, production (quarterly) ... long tons	------	[3] 539,231	------	------	[3] 608,730	------	------	[3] 649,595	------	------	[3] 678,119	------	------
Sulphuric acid:													
Production ... short tons	106,751	102,632	110,599	92,895	90,772	105,250	116,447	146,458	163,647	184,036	186,656	185,472	197,739
Purchases—													
From fertilizer manufacturers ... short tons	18,802	12,988	13,412	14,709	25,176	26,565	15,424	------	------	------	------	------	------
From nonfertilizer manufacturers ... short tons	14,553	9,655	15,967	23,006	18,876	14,601	15,844	26,189	35,594	59,244	51,472	41,282	41,897
Exports ... pounds	182,849	155,018	64,620	372,945	250,775	403,298	310,950	200,218	376,076	304,745	438,836	308,992	703,787
Price, wholesale 66° ... dolls. per ton	15.500	15.500	15.500	15.500	15.500	15.500	15.500	15.500	15.500	15.500	15.500	15.500	15.500
Synthetic dyes, imports ... pounds	371,392	462,346	454,165	356,106	399,213	675,058	502,248	218,844	452,477	181,775	306,318	336,026	324,902
Wood at chemical plants:													
Consumption ... cords	------	15,596	12,123	14,364	19,363	24,444	31,458	48,607	44,933	51,390	46,814	42,888	37,913
Stocks, end of month ... cords	------	270,605	337,017	326,990	338,821	335,809	379,562	370,449	397,788	393,770	448,067	478,962	455,597
Daily capacity—													
All plants ... cords	------	2,505	2,505	2,505	2,505	2,505	2,505	2,499	2,499	2,499	2,519	2,519	2,519
Plants shut down ... cords	------	1,315	1,499	1,335	1,008	752	632	388	400	368	412	560	659
Cottonseed													
Cottonseed:													
Consumption (crush) ... short tons	862,032	451,324	59,148	19,739	44,164	87,014	155,373	280,637	401,736	589,911	669,264	801,800	[2] 941,293
Receipts at mills ... thous. of short tons	1,570	875	95	13	32	37	44	111	158	219	578	803	[2] 1,328
Stocks at mills, end of month ... thous. of short tons	1,193	484	60	26	33	45	95	207	377	620	991	1,083	[2] 1,087
Cottonseed cake and meal:													
Exports ... short tons	39,829	10,260	3,590	1,304	225	797	6,588	5,750	3,147	11,084	7,538	1,580	4,361
Production ... short tons	385,190	201,517	28,206	8,567	23,144	43,350	75,921	135,144	190,314	270,965	305,019	360,943	[2] 422,596
Stocks, end of month ... short tons	157,683	118,845	106,358	150,291	192,136	223,084	253,609	303,945	363,201	343,665	298,139	252,323	[2] 202,357
Cottonseed oil, crude:													
Production ... thous. of lbs	269,031	136,699	17,196	6,918	14,726	28,019	52,469	89,794	124,392	181,221	201,621	239,913	[2] 285,471
Stocks, end of month ... thous. of lbs	115,979	69,745	12,065	8,591	13,919	32,819	43,048	69,878	104,910	127,739	114,248	114,595	[2] 111,632
Cottonseed oil, refined:													
Factory consumption—													
Total (quarterly) ... thous. of lbs	------	[3] 232,420	------	------	[3] 242,191	------	------	[3] 276,906	------	------	[3] 328,614	------	------
In oleomargarine ... thous. of lbs	1,480	1,154	910	876	1,012	1,200	1,447	1,621	1,465	1,875	2,178	2,091	2,505
Price, yellow, prime, New York ... dolls. per lb	.045	.044	.059	.069	.068	.069	.076	.076	.073	.073	.072	.076	.076
Production ... thous. of lbs	206,643	63,989	11,968	16,268	30,308	36,470	76,852	115,302	130,556	150,998	188,823	215,405	[2] 231,372
Stocks, end of month ... thous. of lbs	231,079	173,945	212,371	277,922	348,438	406,237	462,881	494,503	494,882	461,776	428,609	350,260	[2] 254,762

[2] Revised.

[3] Quarter ended in month indicated.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931 October	September	August	July	June	May	April	March	February	January	1930 December	November	October
CHEMICALS AND ALLIED PRODUCTS—Continued													
Chemicals—Continued													
Explosives													
Explosives, black powder, permissible and other high explosives:													
New orders ... thous. of lbs.		25,803	25,437	25,058	26,719	26,441	28,721	26,730	25,448	26,714	24,404	28,847	34,324
Production ... thous. of lbs.		26,598	24,548	25,068	25,981	26,960	27,647	25,414	28,751	24,056	24,024	30,248	34,113
Shipments ... thous. of lbs.		27,408	24,867	25,150	26,611	27,379	28,000	26,598	27,543	25,201	22,974	30,229	34,198
Stocks, end of month ... thous. of lbs.		17,888	19,956	20,304	20,404	21,115	20,639	20,929	20,219	17,372	17,303	16,346	16,812
Fats and Oils													
Animal fats (quarterly):													
Factory consumption ... thous. of lbs.		[3]176,221			[3]166,069			[3]154,951			[3]154,560		
Production ... thous. of lbs.		[3]491,837			[3]559,588			[3]618,459			[3]515,794		
Stocks, end of quarter ... thous. of lbs.		[3]230,999			[3]276,983			[3]224,398			[3]191,906		
Animal glues:													
Production (quarterly) ... thous. of lbs.		[3]20,847			[3]23,357			[3]23,348			[3]23,515		
Stocks, end of quarter ... thous. of lbs.		[3]61,848			[3]58,757			[3]54,991			[3]51,055		
Coconut or copra oil:													
Factory consumption—													
Crude (quarterly) ... thous. of lbs.		[3]137,730			[3]139,128			[3]138,255			[3]159,546		
Refined—													
Total (quarterly) ... thous. of lbs.		[3]78,496			[3]78,348			[3]75,479			[3]90,307		
In oleomargarine ... thous. of lbs.	13,859	10,947	9,473	6,169	7,105	8,466	11,329	12,086	11,492	14,873	16,491	17,111	18,248
Imports ... thous. of lbs.	30,784	29,455	18,228	34,845	31,000	15,970	26,862	27,550	44,034	24,690	30,952	20,477	43,124
Production (quarterly)—													
Crude ... thous. of lbs.		[3]61,388			[3]81,899			[3]91,446			[3]90,921		
Refined ... thous. of lbs.		[3]68,682			[3]67,351			[3]66,268			[3]84,264		
Stocks, end of quarter—													
Crude ... thous. of lbs.		[3]201,036			[3]206,123			[3]201,932			[3]158,846		
Refined ... thous. of lbs.		[3]17,516			[3]16,039			[3]16,869			[3]21,993		
Copra:													
Factory consumption (quarterly) ... short tons.		[3]49,024			[3]63,434			[3]71,229			[3]71,134		
Imports ... short tons.	19,352	19,832	20,207	18,012	17,179	17,871	18,927	25,890	33,133	34,056	37,419	33,886	33,725
Stocks, end of quarter ... short tons.		[3]23,795			[3]17,491			[3]27,167			[3]41,077		
Edible gelatin:													
Production (quarterly) ... thous. of lbs.		[3]1,625			[3]4,415			[3]4,549			[3]4,434		
Stocks, end of quarter ... thous. of lbs.		[3]6,543			[3]8,647			[3]8,642			[3]8,224		
Fish oils:													
Factory consumption (quarterly) ... thous. of lbs.		[3]52,497			[3]54,465			[3]44,620			[3]42,675		
Production (quarterly) ... thous. of lbs.		[3]29,847			[3]4,647			[3]11,587			[3]25,364		
Stocks, end of quarter ... thous. of lbs.		[3]247,638			[3]262,106			[3]215,405			[3]197,758		
Greases:													
Factory consumption (quarterly) ... thous. of lbs.		[3]51,941			[3]55,715			[3]53,346			[3]49,494		
Production (quarterly) ... thous. of lbs.		[3]90,056			[3]94,985			[3]95,948			[3]89,338		
Stocks, end of quarter ... thous. of lbs.		[3]81,072			[3]83,074			[3]79,012			[3]77,791		
Lard compounds:													
Production (quarterly) ... thous. of lbs.		[3]276,713			[3]278,216			[3]291,386			[3]331,412		
Stocks, end of quarter ... thous. of lbs.		[3]21,718			[3]25,140			[3]26,081			[3]26,672		
Oleomargarine:													
Consumption ... thous. of lbs.	23,401	19,499	16,483	9,289	13,180	15,460	17,150	19,573	19,751	27,237	27,593	30,631	33,138
Production ... thous. of lbs.	23,965	18,836	16,075	11,271	12,636	14,912	19,618	21,154	20,335	25,740	28,969	29,633	32,191
Vegetable oils:													
Exports ... thous. of lbs.	1,814	455	1,025	1,008	1,775	2,356	2,154	3,831	2,947	4,775	2,086	2,294	2,591
Factory consumption (quarterly) ... mills. of lbs.		[3]489			[3]588			[3]829			[3]1,076		
Imports ... thous. of lbs.	59,225	50,633	63,096	74,285	75,470	72,280	52,463	68,238	79,809	72,142	72,028	75,352	106,699
Production (quarterly) ... mills. of lbs.		[3]441			[3]390			[3]674			[3]1,007		
Stocks, end of quarter—													
Crude ... thous. of lbs.		[3]591,342			[3]517,909			[3]610,812			[3]635,271		
Refined ... thous. of lbs.		[3]209,759			[3]386,176			[3]531,666			[3]469,807		
Fertilizer													
Consumption, Southern States ... thous. of short tons.	94	91	40	25	74	195	1,132	1,352	640	343	74	61	[2]106
Imports:													
Total ... long tons.	120,822	146,700	127,599	97,358	59,970	72,159	143,250	255,905	141,421	137,172	107,198	95,798	150,686
Nitrogenous ... long tons.	61,904	70,022	47,935	24,730	37,998	46,602	102,342	170,587	98,435	82,466	68,250	66,044	65,889
Other fertilizers ... long tons.	5,516	4,063	4,763	902	3,983	3,019	5,124	9,766	5,438	6,764	3,864	5,891	3,930
Phosphates ... long tons.	3,331	6,175	9,858	3,768	3,339	4,832	5,578	15,158	3,726	6,279	9,760	4,157	6,922
Potash ... long tons.	50,071	66,440	65,043	67,958	14,650	17,706	30,206	60,394	33,822	41,663	25,324	19,706	73,945
Exports:													
Total ... long tons.	94,416	127,953	115,207	89,409	89,194	107,918	150,128	112,725	104,049	92,463	71,933	92,258	126,621
Nitrogenous ... long tons.	13,452	7,554	7,682	7,078	7,690	6,637	25,146	19,819	18,336	13,331	5,164	11,914	16,535
Other fertilizers ... long tons.	5,550	3,863	1,425	1,164	1,926	9,498	10,829	7,755	4,734	5,117	1,510	4,599	3,110
Phosphate material ... long tons.	75,114	115,621	105,717	80,670	79,472	91,049	113,017	84,682	80,696	73,520	64,721	74,863	105,353
Prepared fertilizer ... long tons.	300	915	383	497	106	734	1,136	469	283	495	538	882	1,623
Nitrate of soda, imports ... thous. of long tons.	34	49	35	19	30	34	67	120	68	46	36	35	27
Superphosphate (acid phosphate):													
Production ... thous. of short tons.		142	162	143	146	162	195	226	249	326	336	303	336
Shipments ... thous. of short tons.		119	58	63	55	106	407	305	131	103	70	78	93
Stocks, end of month ... thous. of short tons.		1,237	1,275	1,158	1,060	996	1,101	1,836	2,287	2,292	2,110	1,877	1,703
Flaxseed													
Flaxseed, imports ... thous. of bu.	1,468	2,469	1,339	1,685	1,150	1,496	827	1,313	952	352	219	387	148
Linseed cake and meal:													
Exports ... thous. of lbs.	49,027	48,615	57,736	53,225	39,769	38,172	30,818	39,847	18,238	10,853	33,596	25,986	12,519
Shipments from Minneapolis ... thous. of lbs.	14,354	17,385	13,972	11,414	7,653	8,432	12,145	17,827	11,046	17,227	16,824	17,315	29,726
Linseed oil:													
Factory consumption (quarterly) ... thous. of lbs.		[3]70,504			[3]95,544			[3]74,092			[3]63,894		
Price, New York ... dolls. per lb.	.073	.076	.083	.091	.086	.088	.092	.095	.092	.088	.092	.094	.099
Production (quarterly) ... thous. of lbs.		[3]141,205			[3]130,635			[3]118,417			[3]131,257		
Shipments from Minneapolis ... thous. of lbs.	4,410	6,806	5,676	6,285	6,788	11,921	12,792	11,552	9,594	8,553	7,385	10,199	14,792
Stocks at factories (quarterly) ... thous. of lbs.		[3]107,508			[3]78,200			[3]113,192			[3]113,423		

[2] Revised.

[3] Quarter ended in month indicated.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931 October	1931 September	1931 August	1931 July	1931 June	1931 May	1931 April	1931 March	1931 February	1931 January	1930 December	1930 November	1930 October
CHEMICALS AND ALLIED PRODUCTS—Continued													
Flaxseed—Continued													
Minneapolis and Duluth:													
Receipts.....thous. of bu..	1,452	2,766	2,436	378	789	456	309	498	426	491	709	1,424	2,636
Shipments.....thous. of bu..	924	736	406	386	501	424	314	185	286	243	517	1,910	1,618
Stocks, end of month.....thous. of bu..	1,422	1,381	747	675	790	784	973	1,205	1,293	877	1,386	1,411	2,182
Oil mills (quarterly)—													
Consumption.....thous. of bu..		[3] 7,610			[3] 7,205			[3] 6,571			[3] 7,391		
Stocks, end of quarter.....thous. of bu..		[3] 4,241			[3] 1,198			[3] 2,345			[3] 4,472		
Price, No. 1, Minneapolis.....dolls. per bu..	1.32	1.37	1.41	1.64	1.48	1.55	1.57	1.58	1.56	1.57	1.61	1.65	1.80
Production, crop estimate.....thous. of bu..	[4] 11,314										[5] 21,369		
Naval Stores													
Pine oil:													
Production.....gallons..	176,973	172,539	114,205	210,711	231,207	210,012	219,053	208,690	220,066	144,440	229,737	229,979	225,688
Stocks, end of month.....thous. of gals..	1,860	1,845	1,866	2,000	2,013	1,958	1,903	1,882	1,839	1,769	1,799	1,708	1,610
Rosin, gum:													
Net receipts, Southern ports.....bbls..	101,157	116,630	129,018	156,810	165,500	120,819	88,741	38,977	27,322	41,345	117,489	107,414	127,621
Price, "B," New York.....dolls. per bbl..	3.80	3.87	3.94	4.28	4.68	4.70	4.73	4.64	4.38	4.45	4.95	5.29	5.54
Stocks at 3 ports, end of month.....bbls..	465,466	459,588	449,173	439,241	436,480	351,548	310,576	266,056	300,695	329,626	372,090	323,142	303,669
Rosin, wood:													
Production.....bbls..	26,102	25,058	17,074	28,495	34,747	33,593	35,585	33,544	32,332	24,488	34,332	38,931	34,818
Stocks, end of month.....bbls..	101,537	108,350	112,295	131,942	126,289	124,830	126,534	125,919	130,490	125,630	122,318	119,727	109,785
Turpentine, gum:													
Net receipts, Southern ports.....bbls..	30,849	28,995	37,112	53,459	52,345	37,026	26,102	9,511	5,354	7,228	27,482	28,107	38,500
Price, New York.....dolls. per gal..	.36	.37	.36	.39	.55	.54	.56	.53	.45	.44	.42	.43	.41
Stocks at port, end of month.....bbls..	120,953	115,178	114,421	122,214	101,905	66,248	53,393	45,232	58,202	68,320	84,911	95,860	88,499
Turpentine, wood:													
Production.....bbls..	3,922	3,797	2,607	4,370	5,675	5,996	6,344	5,740	5,634	4,757	6,200	6,584	5,817
Stocks, end of month.....bbls..	5,231	4,817	5,358	5,307	4,535	4,727	8,383	9,987	13,537	14,437	15,799	13,895	11,257
Roofing													
Dry roofing felt:													
Production.....short tons..	16,116	18,356	17,143	16,747	16,795	19,998	18,001	16,643	13,787	13,045	8,106	8,944	21,470
Stocks, end of month.....short tons	5,021	4,834	4,761	4,908	4,398	4,092	4,360	5,378	4,677	4,759	3,731	4,036	4,799
Prepared roofing, shipments:													
Grit roll.....thous. of sqs..	574	711	568	532	520	570	533	333	330	322	242	372	922
Shingles—													
Individual and single thickness.....thous. of sqs..	130	153	136	127	131	155	146	92	60	51	63	86	191
Strip, patented, and hexagon.....thous. of sqs..	470	535	466	485	512	541	555	329	277	249	238	283	572
Smooth roll.....thous. of sqs..	1,128	1,198	1,067	873	843	965	967	702	714	773	583	742	1,575
Total.....thous. of sqs..	2,302	2,597	2,237	2,017	2,006	2,230	2,202	1,456	1,381	1,395	1,126	1,484	3,259
FOODSTUFFS													
Production index:													
Food products (Fed. Res. Bd.).....rel. to 1923–25..	90	[2] 92	88	88	83	91	96	87	92	93	89	94	94
Food and kindred products (elect. energy consumed).rel. to 1923–25..	136.5	142.0	146.4	147.0	136.2	126.8	122.0	116.8	122.0	118.3	107.1	124.4	137.2
Stocks, manufactured foodstuffs.....rel. to 1923–25..	68.3	[2] 81.4	97.4	111.1	106.3	97.0	96.1	93.5	97.3	95.5	89.1	88.6	93.7
Stocks, raw foodstuffs.....rel. to 1923–25..	219.8	[2] 204.1	[2] 213.1	[2] 191.7	[2] 178.2	[2] 189.7	193.7	202.1	197.0	194.8	205.1	200.0	196.9
Candy													
Sales by manufacturers.....thous. of dolls..	24,110	22,965	15,558	12,176	15,512	15,680	21,608	22,062	21,444	21,948	28,727	29,500	31,004
Cocoa													
Shipments from Gold and Nigerian Coasts, Africa.....long tons..	7,256	6,663	4,355	7,783	11,870	11,720	33,864	48,353	51,550	39,278	21,756	18,888	12,660
Imports.....long tons..	8,152	14,104	13,546	17,746	14,892	22,520	20,242	20,942	13,696	16,418	13,700	6,338	7,410
Spot price, Accra, New York.....dolls. per lb..	.0475	.0463	.0525	.0581	.0563	.0494	.0535	.0550	.0563	.0619	.0675	.0688	.0675
Coffee													
Clearances:													
Total, Brazil for United States.....thous. of bags..	805	711	592	530	760	643	1,080	849	889	952	881	514	659
Total, Brazil for world.....thous. of bags..	1,485	1,263	1,216	1,161	1,504	1,333	1,863	1,559	1,590	1,647	1,590	1,080	1,176
Imports.....thous. of bags..	907	794	884	1,100	1,037	1,415	1,126	1,407	1,289	1,094	1,098	967	1,159
Price, Rio No. 7, Brazil grades..dolls. per lb..	.058	.056	.056	.063	.068	.061	.053	.056	.064	.068	.070	.079	.089
Receipts, total Brazil.....thous. of bags..	1,711	1,533	1,495	1,462	1,535	1,755	1,550	1,565	1,648	1,697	1,494	1,549	1,437
Visible supply:													
United States.....thous. of bags..	1,637	1,555	1,592	1,491	1,395	1,345	1,088	1,148	1,161	866	929	817	828
World.....thous. of bags..	6,374	6,578	6,944	6,990	6,724	6,286	6,136	5,963	5,879	5,455	5,188	5,014	5,051
Dairy Products													
BUTTER													
Apparent consumption.....thous. of lbs..	190,179	189,462	203,734	197,536	205,626	228,387	184,528	160,753	152,985	163,689	166,506	154,987	181,569
Cold-storage holdings, creamery, end of month.....thous. of lbs..	56,164	[2] 80,152	104,678	115,121	89,172	35,155	17,195	18,010	30,672	46,792	63,401	88,012	109,646
Production (factory).....thous. of lbs..	121,062	118,202	136,769	158,061	188,040	174,827	140,676	122,954	105,192	112,843	111,670	101,950	120,215
Receipts, 5 markets.....thous. of lbs..	43,857	42,863	45,588	58,522	74,154	61,813	53,566	48,739	43,251	45,644	43,892	36,848	38,933
Wholesale price, New York.....dolls. per lb..	.34	.33	.28	.25	.23	.24	.26	.29	.28	.29	.32	.36	.40
CHEESE													
Total, all varieties:													
Apparent consumption.....thous. of lbs..	51,687	46,557	45,277	45,088	53,147	55,345	47,925	46,332	38,068	41,070	39,500	40,035	41,637
Cold-storage holdings, end of month.....thous. of lbs..	81,860	[2] 83,426	86,418	84,003	72,977	55,939	53,172	54,270	61,841	69,471	79,015	87,171	96,393
Exports, Canada.....thous. of lbs..	21,945	16,688	11,929	11,496	4,078	1,517	505	491	306	918	4,025	14,677	16,568
Exports, United States.....thous. of lbs..	112	116	124	148	119	139	121	208	118	129	176	108	183
Imports, United States.....thous. of lbs..	7,179	5,515	4,389	3,413	5,121	5,856	6,471	4,611	4,062	4,123	4,163	5,041	6,293
Receipts, 5 markets.....thous. of lbs..	13,588	11,949	14,264	14,190	17,480	12,145	11,445	11,717	10,406	11,600	10,400	10,784	12,226
Production (factory).....thous. of lbs..	43,282	38,175	43,218	52,960	64,533	52,568	40,470	34,388	26,379	27,543	35,057	35,782	42,589
American whole milk:													
Cold-storage holdings, end of month.....thous. of lbs..	64,071	[2] 65,802	68,874	68,532	58,144	42,461	40,542	41,836	47,968	54,499	63,326	71,132	78,919
Wholesale price, New York..dolls. per lb..	.16	.17	.16	.15	.14	.14	.15	.16	.16	.17	.18	.19	.19

[2] Revised. [3] Quarter ended in month indicated. [4] As of Nov. 1. [5] Final estimate for 1930.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931 October	1931 September	1931 August	1931 July	1931 June	1931 May	1931 April	1931 March	1931 February	1931 January	1930 December	1930 November	1930 October
FOODSTUFFS—Continued													
EGGS													
Cold-storage holdings, end of month:													
Case....thous. of cases	5,740	[2] 7,960	9,016	9,504	9,507	7,887	5,162	1,893	408	735	1,894	4,154	6,785
Frozen....thous. of lbs	94,860	[2] 103,302	110,271	114,700	113,513	106,607	91,517	78,051	73,889	75,685	83,184	89,571	98,359
Receipts, 5 markets....thous. of cases	722	943	1,053	1,180	1,862	2,236	2,478	2,046	1,264	1,026	768	593	717
MILK													
Condensed milk:													
Exports....thous. of lbs	1,180	1,309	1,477	1,862	1,372	1,973	1,853	1,873	1,345	2,403	1,907	1,973	1,718
Total stocks, manufacturers, end of month—													
Case goods....thous. of lbs	17,264	20,349	22,504	24,071	23,998	19,892	12,390	13,227	13,051	13,928	17,803	20,657	24,650
Bulk goods....thous. of lbs	10,001	11,007	15,001	16,221	18,992	19,163	15,887	16,273	16,171	18,594	19,520	20,885	21,965
Wholesale price, New York..dolls. per case	4.75	4.75	5.00	5.65	5.65	5.65	5.65	5.65	5.79	6.03	6.03	6.03	6.03
Evaporated milk:													
Exports....thous. of lbs	3,610	3,659	4,466	5,892	5,024	5,114	5,311	5,034	3,775	5,269	4,546	4,366	4,718
Manufacturers' stocks, end of month—													
Total case goods....thous. of lbs	129,802	136,408	181,745	275,931	275,280	230,739	177,754	150,931	136,896	157,152	202,070	211,828	224,486
Wholesale price, New York..dolls. per case	3.00	3.00	3.00	3.10	3.20	3.30	3.50	3.50	3.50	3.75	3.80	3.80	3.80
Fluid milk:													
Consumption in mfr. of oleomargarine....thous. of lbs	6,142	4,849	4,199	2,943	3,432	3,791	5,387	5,927	5,814	7,464	8,158	8,404	9,066
Production, Minneapolis and St. Paul....thous. of lbs				27,436	33,978	36,244	32,654	36,245	33,026	34,333	30,310	25,685	24,629
Receipts—													
Boston, including cream..thous. of qts		19,598	20,545	21,615	21,021	21,023	19,877	20,312	17,444	18,352	18,313	18,226	19,403
Greater New York....thous. of qts		115,390	115,166	120,752	116,580	116,117	110,313	113,329	101,197	110,428	111,345	111,166	116,140
Powdered milk:													
Exports....thous. of lbs	970	854	1,047	964	1,085	1,369	1,414	2,282	1,001	366	465	507	467
Manufacturers' stocks, end of month....thous. of lbs	23,193	[2] 26,711	35,922	38,216	42,628	43,148	40,502	41,363	41,744	41,122	38,976	36,318	33,281
Net new orders....thous. of lbs	9,487	[2] 14,331	11,062	11,816	11,109	11,047	12,145	10,606	9,492	10,253	8,945	8,733	9,853
Production, condensed and evaporated milk....thous. of lbs	111,109	121,509	140,437	175,578	234,055	244,229	194,753	172,306	144,649	141,981	140,904	132,691	152,757
Exports, condensed and evaporated milk....thous. of lbs	4,790	4,968	5,943	7,754	6,396	7,087	7,164	6,907	5,120	7,672	6,453	6,339	6,436
Fish													
Canned salmon:													
Exports, Canada....cases	100,138	91,873	69,327	59,996	47,423	59,883	91,083	101,817	38,446	45,998	107,333	108,996	194,623
Shipments, United States..thous. of cases		632	902	524	340	384	290	334	300	406	333	273	653
Cold-storage holdings, 15th of month....thous. of lbs	73,018	[2] 68,083	[2] 57,518	48,350	39,700	[2] 31,283	[2] 28,095	[2] 38,567	[2] 56,560	[2] 71,817	[2] 85,323	[2] 91,872	[2] 88,603
Total catch, principal ports....thous. of lbs	24,947	28,439	33,612	28,626	25,655	24,599	30,949	30,081	20,635	18,353	17,567	25,967	30,541
Fruits and Vegetables													
Export value, fruits and preparations....thous. of dolls	16,181	9,162	8,041	7,587	5,692	6,549	6,446	10,717	8,946	10,682	15,082	17,536	17,124
Apples:													
Car-lot shipment....carloads	30,137	12,507	1,869	3,155	1,214	2,005	3,081	5,700	7,115	7,806	8,085	17,454	35,782
Cold-storage holdings, end of month....thous. of bbls		2,004	81	62	137	577	1,509	2,917	5,224	7,439	9,575	10,860	9,043
Production, crop estimate....thous. of bu	[4] 220,244										[5] 163,543		
Citrus fruits, car-lot shipments....carloads	8,706	5,688	6,073	9,407	10,693	15,585	15,099	17,572	13,980	14,197	12,554	11,338	6,301
Onions, car-lot shipments....carloads	4,014	3,776	2,258	1,657	2,122	3,703	2,377	2,540	2,610	3,454	2,254	2,753	5,593
Potatoes, car-lot shipments....carloads	24,392	16,979	11,717	20,161	27,084	23,895	21,032	23,601	20,024	20,971	15,092	16,267	28,788
Production, crop estimate....thous. of bu	[4] 382,325										[5] 343,236		
Grains													
Total grain exports, including flour....thous. of bu	17,296	13,124	13,439	18,750	13,161	11,224	8,118	6,061	5,067	6,610	7,578	9,803	14,091
BARLEY													
Exports....thous. of bu	768	717	1,014	678	807	896	776	745	921	732	1,047	964	1,295
Price, No. 2, Minneapolis....dolls. per bu	.50	.50	.45	.42	.39	.45	.48	.44	.44	.44	.47	.48	.52
Production, crop estimate....thous. of bu	[4] 215,889										[5] 334,971		
Receipts, principal markets....thous. of bu		5,152	5,088	1,801	2,193	2,523	2,446	2,484	2,246	2,511	3,569	4,207	5,765
Visible supply, end of month....thous. of bu	4,770	4,138	4,089	3,449	4,126	4,626	5,662	7,840	9,583	10,731	11,401	11,854	12,035
CORN													
Exports, including meal....thous. of bu	256	165	201	556	123	151	206	534	443	188	132	163	295
Grindings (starch, glucose)....thous. of bu		5,912	4,665	5,168	5,738	5,580	5,492	5,441	5,575	5,990	5,241	5,434	6,253
Prices:													
No. 3, yellow, Chicago....dolls. per bu	.38	.42	.46	.57	.58	.56	.58	.60	.61	.65	.69	.71	.82
No. 3, yellow, Kansas City....dolls. per bu	.40	.46	.45	.53	.52	.52	.53	.54	.54	.59	.66	.69	.82
No. 3, white, Chicago....dolls. per bu	.39	.44	.49	.58	.59	.56	.58	.60	.63	.68	.73	.76	.88
Production crop estimate....thous. of bu	[4] 2,674,369										[5] 2,093,552		
Receipts....thous. of bu	14,414	8,447	11,320	16,152	13,417	11,381	17,102	18,567	21,278	19,320	27,367	17,067	15,176
Shipments....thous. of bu	7,211	6,364	6,561	8,955	10,589	14,855	14,246	12,281	11,895	12,611	10,925	8,396	8,705
Visible supply, end of mo....thous. of bu	7,364	5,592	8,271	8,536	7,785	12,286	19,676	21,998	20,110	17,562	16,993	7,411	4,703
HAY													
Receipts....number of cars		3,959	5,001	3,495	3,052	3,777	4,198	4,519	4,279	5,214	4,057	4,863	5,401
Production, crop estimate....thous. of tons	[4] 79,292										[5] 77,850		
OATS													
Exports, including meal....thous. of bu	857	627	429	253	374	192	179	174	120	144	208	202	157
Grindings, Canada....thous. of bu		1,166	836	938	770	785	822	844	940	997	1,126	1,085	1,174
Price No. 3, white, Chicago....dolls. per bu	.23	.22	.21	.23	.27	.28	.30	.31	.32	.32	.34	.33	.36
Production, crop estimate....thous. of bu	[4] 1,173,999										[5] 1,358,052		
Production, oatmeal, and rolled oats, Canada....thous. of lbs		15,960	10,239	12,963	11,098	10,525	9,871	10,243	11,895	13,320	14,360	14,605	14,749
Receipts, principal markets....thous. of bu	7,090	7,398	12,903	5,749	4,748	5,294	7,604	6,843	7,123	6,121	6,021	6,075	9,445
Visible supply, end of month....thous. of bu	18,605	17,468	15,577	7,785	7,654	9,892	13,837	19,103	22,947	26,650	30,504	30,641	33,509

[2] Revised. [4] As of Nov. 1. [5] Final estimate for 1930.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
FOODSTUFFS—Continued													
RICE													
Exports...pockets (100 lbs.)	322,302	87,630	108,181	100,899	239,358	260,949	203,519	211,843	259,578	376,000	413,674	383,517	150,938
Imports...pockets (100 lbs.)	9,397	3,756	4,475	5,443	10,009	50,472	38,748	41,223	37,821	41,891	27,504	29,294	10,684
Production, crop estimate...thous. of bu	[4] 43,045										[5] 41,322		
Shipments:													
Total from mills...thous. of pockets (100 lbs.)	1,396	875	427	404	601	617	780	864	933	1,119	1,003	1,208	1,323
New Orleans...pockets (100 lbs.)	199,965	139,048	78,269	37,121	75,732	88,718	68,753	68,349	74,629	75,643	75,426	126,781	201,483
Southern paddy, receipts at mills...thous. of bbls	1,810	1,455	382	172	323	520	566	599	864	1,147	844	1,257	2,063
Stocks, end of month...thous. of pockets (100 lbs.)	1,805	1,305	683	848	1,051	1,293	1,388	1,561	1,790	1,793	1,678	1,776	1,670
RYE													
Exports, including flour...thous. of bu		27	14	10	15	29	3	34	19	3	4	4	49
Price No. 2, Minneapolis...dolls. per bu	.41	.39	.38	.37	.37	.36	.35	.36	.37	.38	.44	.43	.49
Production, crop estimate...thous. of bu	[4] 36,233										[5] 48,149		
Receipts, principal markets...thous. of bu		1,311	1,137	472	862	1,035	880	855	716	884	1,356	1,640	2,001
Visible supply, end of month...thous. of bu		8,922	8,267	8,687	8,730	8,540	9,262	10,440	11,110	11,911	12,644	13,316	13,860
WHEAT													
Exports:													
Canada, including wheat flour...thous. of bu	21,436	16,840	14,258	14,107	22,988	31,687	6,148	15,521	12,165	11,373	24,939	34,782	33,447
United States—													
Wheat only...thous. of bu	11,873	8,397	8,901	12,731	8,136	6,406	3,531	1,357	137	1,289	2,173	3,266	6,311
Including wheat flour...thous. of bu	15,406	11,588	11,781	17,253	11,842	9,956	6,954	4,574	3,564	5,543	6,187	8,470	12,295
Export value of wheat and flour...thous. of dolls	8,751	6,769	7,039	11,561	8,805	7,443	5,671	3,882	3,234	4,864	6,278	7,833	11,427
Stocks, held by mills (quarterly)...thous. of bu		[3] 139,002			[3] 38,771			[3] 81,841			[3] 137,194		
Prices:													
No. 1, northern spring, Minneapolis...dolls. per bu	.72	.69	.65	.61	.74	.81	.79	.76	.75	.76	.77	.75	.82
No. 2, red winter, St. Louis...dolls. per bu	.52	.47	.47	.48	.72	.79	.80	.78	.79	.78	.83	.83	.87
No. 2, hard winter, Kansas City...dolls. per bu	.48	.43	.43	.44	.68	.73	.73	.70	.69	.69	.71	.69	.74
Production, crop estimate:													
Total...thous. of bu	[4] 884,286										[5] 863,430		
Winter wheat...thous. of bu	[4] 775,180										[5] 612,268		
Spring wheat...thous. of bu	[4] 109,106										[5] 251,162		
Receipts...thous. of bu	32,658	38,877	61,463	104,047	29,656	30,863	21,230	30,833	30,672	29,496	21,549	24,597	28,943
Shipments...thous. of bu	26,851	28,325	45,747	65,987	30,385	24,061	16,601	15,570	14,817	13,706	15,053	20,955	25,238
Visible supply, end of month:													
Canada...thous. of bu	161,912	122,199	101,306	116,462	122,318	136,856	160,750	180,253	183,704	193,858	205,854	197,998	178,827
United States...thous. of bu	231,049	239,431	242,846	217,526	190,702	197,563	199,561	207,138	201,862	197,219	195,716	202,475	205,437
WHEAT FLOUR													
Consumption (computed)...thous. of bbls		9,898	9,843	7,642	6,666	8,711	8,281	8,654	8,738	9,622	9,846	10,597	11,059
Exports:													
Canada...thous. of bbls	558	557	522	467	490	481	326	561	415	392	602	792	814
United States...thous. of bbls		709	640	1,005	824	789	761	715	762	945	892	1,156	1,330
Grindings of wheat:													
Canada...thous. of bu		6,772	5,992	5,932	5,033	5,304	4,719	5,169	4,607	4,834	5,226	7,789	8,348
United States...thous. of bu	47,473	[1] 44,569	44,412	45,362	35,893	36,946	39,127	40,137	37,939	42,529	41,307	42,428	49,914
Prices, wholesale:													
Standard patents, Minneapolis...dolls. per bbl	4.28	4.24	4.21	4.13	4.75	4.85	4.71	4.67	4.85	4.96	4.89	4.69	4.98
Winter, straights, Kansas City...dolls. per bbl	3.10	2.96	2.96	3.16	4.12	4.14	4.02	4.00	4.06	4.09	4.03	4.14	4.23
Production:													
Canada...thous. of bbls		1,516	1,333	1,319	1,121	1,183	1,058	1,164	1,035	1,086	1,170	1,739	1,869
United States—													
Actual (Census)...thous. of bbls	10,401	[2] 9,735	9,658	9,852	7,763	8,015	8,494	8,724	8,242	9,232	8,973	9,184	10,817
Prorated (Russells')...thous. of bbls		10,611	10,614	9,847	7,981	8,739	9,134	9,275	8,750	9,937	9,888	10,403	12,089
Capacity...per cent	60	61	58	59	47	50	51	52	56	55	54	60	62
Grain offal...thous. of lbs	828,523	[2] 781,318	785,106	802,424	647,400	663,303	702,189	713,507	678,795	761,935	739,243	762,108	899,580
Stocks:													
All positions (computed) end of month...thous. of bbls		6,135	6,131	6,000	4,800	4,857	5,618	5,526	5,620	6,370	7,000	7,850	9,200
Held by mills (quarterly)...thous. of bbls		[3] 3,532			[3] 2,830			[3] 3,712			[3] 4,016		
MEATS													
Export value, meats and fats...thous. of dolls	7,145	6,321	6,386	6,821	7,074	7,791	8,477	10,082	10,576	12,204	9,819	11,039	9,798
CATTLE AND BEEF													
Beef products:													
Apparent consumption...thous. of lbs	448,804	[2] 404,928	432,312	416,822	404,731	424,672	421,252	379,405	335,603	384,754	397,741	331,945	463,928
Cold-storage holdings, end of month...thous. of lbs	34,491	[2] 35,171	39,050	41,055	45,548	49,448	53,150	61,111	67,622	72,398	75,285	73,392	63,862
Exports...thous. of lbs	1,604	2,077	1,837	1,497	1,573	1,468	981	1,444	961	902	1,207	1,491	2,347
Production, inspected...thous. of lbs	446,798	400,752	430,595	411,952	400,529	419,124	412,757	374,151	330,321	381,531	398,741	342,405	468,983
Cattle movements, primary markets:													
Local slaughter...thousands	1,037	961	1,009	930	968	980	1,036	960	812	897	1,015	823	1,183
Receipts...thousands	2,137	1,797	1,821	1,488	1,540	1,551	1,617	1,535	1,303	1,508	1,736	1,696	2,377
Shipments, stocker and feeder...thousands	582	381	251	124	111	153	175	146	147	222	332	478	691
Shipments, total...thousands	1,096	861	756	561	552	561	581	546	486	607	1,015	873	1,223
Prices:													
Beef, fresh, carcass, good native steers, Chicago...dolls. per lb	.156	.148	.144	.129	.129	.143	.160	.169	.178	.195	.195	.195	.195
Beef, fresh, carcass, steers, New York...dolls. per lb	.173	.165	.158	.145	.145	.155	.172	.180	.196	.205	.205	.205	.205
Cattle, corn fed, Chicago...dolls. per 100 lbs	9.25	8.66	8.62	7.25	7.32	7.68	8.56	9.08	9.11	10.00	10.58	10.31	9.97

[1] Revised. [3] Quarter ended in month indicated. [4] As of Nov. 1. [5] Final estimate for 1930.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
FOODSTUFFS—Continued													
HOGS AND PORK													
Hog movements, primary markets:													
Local slaughter...thousands	2,155	1,663	1,398	1,474	1,773	1,841	1,983	1,962	2,293	2,907	2,460	2,169	2,048
Receipts...thousands	3,462	2,727	2,454	2,511	2,854	2,938	3,067	3,207	3,704	4,652	4,002	3,439	3,441
Shipments, stocker and feeder...thousands	72	55	49	37	36	33	36	31	37	45	41	37	39
Shipments, total...thousands	1,311	1,062	1,045	1,039	1,072	1,099	1,088	1,234	1,417	1,739	1,542	1,269	1,392
Lard (included in pork products):													
Cold-storage holdings, end of month...thous. of lbs	39,641	[2] 69,296	96,047	121,926	115,561	103,366	95,693	78,249	74,977	62,624	51,434	31,582	36,211
Exports...thous. of lbs	43,547	37,790	34,510	33,824	37,786	39,623	44,769	58,395	68,760	68,882	45,114	42,552	41,396
Production...thous. of lbs	116,124	97,114	91,680	109,265	123,263	126,323	129,090	127,516	147,632	186,062	150,538	119,355	101,672
Pork production:													
Apparent consumption...thous. of lbs	680,285	[2] 601,392	552,387	540,228	585,146	581,110	523,963	563,934	508,890	663,947	608,323	553,479	636,426
Cold-storage holdings, end of month—													
Total...thous. of lbs	419,387	[2] 544,183	601,110	833,737	890,212	931,117	963,217	921,920	928,385	788,888	572,626	443,286	393,017
Fresh and cured...thous. of lbs	379,746	[2] 474,887	595,063	711,811	774,651	827,751	867,524	843,671	853,408	726,264	521,192	411,704	356,806
Exports—													
Total...thous. of lbs	56,134	48,550	48,032	49,193	53,226	55,557	59,406	73,610	83,470	86,902	61,134	62,325	53,798
Other products than lard...thous. of lbs	12,587	10,760	13,522	15,369	15,440	15,934	14,637	15,215	14,710	18,020	16,020	19,773	12,402
Production, inspected...thous. of lbs	611,171	502,673	457,105	532,757	597,185	604,427	624,301	630,661	731,633	962,175	798,311	665,665	575,700
Prices:													
Hams, smoked, Chicago...dolls. per lb	.182	.186	.185	.173	.174	.182	.184	.187	.195	.207	.213	.222	.221
Hogs, heavy, Chicago...dolls. per 100 lbs	5.41	5.71	6.35	6.24	6.39	6.40	7.08	7.18	6.73	7.34	7.94	8.86	9.86
Lard, prime contract, New York...dolls. per lb	.080	.075	.075	.082	.083	.082	.090	.094	.085	.090	.100	.112	.119
SHEEP AND LAMBS													
Lamb and mutton:													
Apparent consumption...thous. of lbs	66,455	[2] 60,792	58,351	54,679	[2] 55,333	54,604	59,095	54,949	50,967	58,195	56,348	50,890	64,946
Cold-storage holdings, end of month...thous. of lbs	1,958	[2] 1,908	1,975	1,892	2,685	2,371	2,529	3,063	3,573	4,081	4,677	4,628	4,326
Production, inspected...thous. of lbs	66,546	60,754	58,466	53,947	55,678	54,433	58,579	54,486	50,511	57,642	56,453	51,236	65,060
Prices—													
Sheep, ewes, Chicago...dolls. per 100 lbs	1.63	1.63	1.98	2.56	1.55	2.44	3.29	3.79	3.69	3.44	2.93	3.38	3.84
Sheep, lambs, Chicago...dolls. per 100 lbs	5.70	5.94	5.95	6.06	6.98	8.36	8.76	8.27	8.31	7.98	7.40	7.13	7.03
Sheep movements, primary markets:													
Local slaughter...thousands	1,500	1,461	1,474	1,342	1,384	1,464	1,410	1,157	1,056	1,201	1,230	1,079	1,597
Receipts...thousands	3,956	3,900	3,270	2,535	2,587	2,810	2,713	2,119	1,964	2,175	2,307	2,607	3,784
Shipments, stocker and feeder...thousands	1,181	1,104	718	243	289	176	189	103	105	184	282	761	1,024
Shipments, total...thousands	2,468	2,455	1,734	1,190	1,214	1,353	1,304	948	908	979	1,081	1,534	2,238
Miscellaneous meats:													
Cold-storage holdings, end of month...thous. of lbs	49,109	[2] 56,881	66,334	69,026	75,469	79,331	81,359	85,678	92,744	93,747	84,169	75,818	72,444
Total meats:													
Apparent consumption...mills. of lbs	1,196	1,067	1,043	1,012	1,045	1,060	1,004	998	895	1,107	1,062	936	1,165
Cold-storage holdings, end of month...mills. of lbs	505	638	798	946	1,014	1,062	1,100	1,072	1,092	959	737	597	534
Production...mills. of lbs	1,125	964	946	999	1,053	1,078	1,096	1,059	1,112	1,401	1,254	1,059	1,110
POULTRY													
Cold-storage holdings, end of month...thous. of lbs	65,690	[2] 56,215	43,056	36,438	32,762	35,348	45,920	69,986	95,188	101,307	104,913	82,925	59,269
Receipts at 5 markets...thous. of lbs	30,377	32,409	28,655	24,871	22,164	17,252	17,443	20,600	26,008	34,472	73,314	67,361	33,128
Prices													
Retail food (Dept. of Labor)...rel. to 1913	119	119	120	119	118	121	124	126	127	133	137	141	144
Wholesale food...rel. to 1926	72.6	72.9	73.7	73.1	72.4	72.9	75.6	76.7	77.1	80.1	81.8	85.7	88.6
Sugar													
Cuban movement (raw):													
Exports...long tons	134,336	160,992	215,110	203,030	148,624	137,205	94,865	134,928	168,450	86,518	231,039	413,406	291,311
Receipts at Cuban ports...long tons	97,725	109,613	126,016	119,664	93,548	118,514	238,872	546,538	429,576	105,726	150,277	213,688	124,848
Stocks, end of month...thous. of long tons	666	702	754	843	930	982	1,007	844	461	80	669	764	958
Prices:													
Retail coverage, 51 cities...rel. to 1913	102	104	104	102	102	102	104	106	107	107	107	107	106
Retail granulated, New York...dolls. per lb	.052	.052	.053	.051	.050	.050	.050	.051	.053	.053	.053	.053	.053
Wholesale, granulated, New York...dolls. per lb	.045	.045	.046	.046	.044	.043	.044	.043	.045	.046	.046	.047	.044
Raw:													
Imports—													
From Hawaii and Porto Rico...long tons	82,062	126,970	135,228	148,636	143,382	161,260	135,457	150,951	151,980	81,700	5,590	50,977	82,660
From foreign countries...long tons	186,928	202,564	397,042	324,848	239,085	151,815	279,578	364,493	212,453	122,071	306,500	293,455	277,350
Meltings, 8 ports...long tons	328,310	414,066	376,715	469,609	383,157	332,556	403,337	351,169	290,337	258,585	207,006	337,360	402,333
Stocks at refineries, end of month...long tons	245,694	321,815	429,229	367,252	400,567	463,730	445,535	420,650	329,324	293,938	305,208	321,930	283,778
Refined:													
Exports, including maple...long tons	4,304	4,365	3,896	3,952	4,329	3,338	5,332	4,612	3,085	3,572	4,723	6,576	8,553
Shipments, 2 ports...long tons	48,208	60,502	76,412	98,879	78,583	57,670	65,633	49,077	54,570	42,717	33,645	59,916	62,113
Stocks, 2 ports...long tons	33,047	41,171	37,116	36,481	35,030	32,632	43,880	54,665	29,070	34,019	42,555	37,759	46,134
Tea													
Imports...thous. of lbs	10,271	8,568	7,977	6,578	6,953	4,135	6,184	7,995	5,223	7,289	8,029	7,565	9,917
Price, Formosa, fine, New York...dolls. per lb	.225	.225	.225	.225	.225	.225	.225	.225	.225	.225	.225	.225	.223

[2] Revised.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
FOREST PRODUCTS													
Lumber													
ALL TYPES													
Exports .... M ft. b. m.	85,234	89,502	99,633	120,354	120,501	143,558	135,771	73,818	67,792	114,557	128,424	110,855	122,690
New orders .... rel. to 1923-1925	30.6	[2] 31.3	[2] 33.4	35.2	47.7	35.6	41.5	40.3	35.7	36.7	33.8	36.8	39.4
Prices, wholesale, composite .... rel. to 1926	64.5	65.5	66.0	66.3	67.8	68.4	73.3	74.2	73.2	76.0	78.1	80.1	80.2
Production index (elect. energy consumed) .... rel. to 1923-1925	82.2	82.2	79.4	76.9	86.3	97.2	91.5	93.2	84.2	82.6	73.3	86.5	77.1
Stocks, end of month .... rel. to 1923-1925	106.1	[2] 111.5	[2] 110.4	110.1	106.3	107.7	108.2	108.8	111.2	113.2	117.3	113.7	110.0
Unfilled orders, end of month. rel. to 1923-1925	27.3	29.0	[2] 33.7	[2] 38.2	51.4	48.1	49.2	48.8	47.7	46.8	44.7	42.6	46.3
RETAIL MOVEMENT													
Retail yards, 9th Fed. Res. Dist.:													
Sales .... M ft. b. m.	9,255	8,314	9,457	8,513	10,084	8,451	7,767	5,236	3,494	3,563	4,145	9,028	13,596
Stocks, end of month .... M ft. b. m.	68,318	73,002	76,554	78,274	79,017	80,051	80,816	81,158	80,251	76,552	70,531	71,025	73,743
Retail yards, 10th Fed. Res. Dist.:													
Sales .... M ft. b. m.	3,481	3,249	3,280	3,745	3,432	3,421	3,368	3,389	2,641	2,878	2,530	3,940	5,114
Stocks, end of month .... M ft. b. m.	35,207	36,245	36,966	37,279	37,718	38,816	39,534	39,657	38,628	37,839	37,739	38,108	38,674
FLOORING													
Maple:													
New orders .... M ft. b. m.	2,760	2,783	3,312	3,712	4,245	3,327	3,679	3,131	3,455	3,584	1,905	2,798	2,530
Production .... M ft. b. m.	2,812	3,134	2,973	2,737	3,116	2,629	3,326	3,760	3,179	3,452	3,045	2,759	2,643
Shipments .... M ft. b. m.	2,703	3,144	3,397	3,447	3,778	3,315	3,226	3,017	2,676	2,351	1,811	2,554	2,886
Stocks, end of month .... M ft. b. m.	20,042	20,189	21,130	21,321	21,821	23,467	24,191	26,193	25,835	25,578	24,271	23,353	22,985
Unfilled orders, end of month. M ft. b. m.	3,778	3,775	4,183	4,772	4,955	4,604	5,312	5,180	5,248	4,664	3,491	3,204	3,188
Oak:													
New orders .... M ft. b. m.	15,973	16,928	18,631	26,390	21,065	24,710	28,575	31,407	24,771	21,116	21,010	14,170	17,402
Production .... M ft. b. m.	19,299	22,425	21,736	24,120	20,984	24,505	25,147	23,643	19,548	17,686	15,738	16,231	19,978
Shipments .... M ft. b. m.	18,203	19,486	21,464	25,691	23,131	27,745	28,155	26,243	21,713	18,365	17,152	15,844	20,649
Stocks, end of month .... M ft. b. m.	67,103	65,696	65,004	64,798	67,619	76,753	76,783	78,305	80,943	82,487	83,420	91,598	92,631
Unfilled orders, end of month .... M ft. b. m.	15,589	17,590	18,194	21,204	30,176	30,235	34,095	36,326	32,719	30,241	29,353	29,790	30,678
HARDWOODS													
All hardwoods:													
New orders .... mill. ft. b. m.	131	131	131	139	176	158	154	173	188	169	125	133	154
Production .... mill. ft. b. m.	105	105	101	109	143	146	140	165	158	143	134	143	158
Shipments .... mill. ft. b. m.	135	131	143	139	161	169	161	176	165	158	125	148	169
Stocks, end of month—													
Total .... mill. ft. b. m.	2,915	2,960	3,020	3,065	3,126	3,149	3,175	3,205	3,249	3,308	3,319	3,273	3,270
Unsold .... mill. ft. b. m.	2,542	2,559	2,645	2,662	2,707	2,718	2,713	2,731	2,769	2,851	2,863	2,821	2,805
Unfilled orders, end of month .... mill. ft. b. m.	374	387	375	402	419	431	463	473	481	456	456	452	466
Gum:													
Stocks, end of month—													
Total .... mill. ft. b. m.	607	615	634	653	683	686	694	703	713	726	611	610	608
Unsold .... mill. ft. b. m.	516	518	542	551	575	586	593	598	601	607	511	509	504
Unfilled orders, end of month .... mill. ft. b. m.	91	96	92	102	108	100	101	106	112	118	100	102	104
Northern hardwoods:													
Production .... M ft. b. m.	2,617	3,210	5,864	6,173	11,878	10,820	12,767	17,878	17,252	14,178	8,147	4,382	4,772
Shipments .... M ft. b. m.	15,378	14,907	13,445	9,846	11,690	10,330	12,806	12,631	12,330	10,854	8,021	9,374	11,285
Oak:													
Stocks, end of month—													
Total .... mill. ft. b. m.	827	840	853	864	890	914	935	966	990	1,017	1,029	1,022	1,021
Unsold .... mill. ft. b. m.	742	761	783	783	803	809	814	844	861	918	935	928	924
Unfilled orders, end of month .... mill. ft. b. m.	85	79	70	81	88	105	120	122	129	99	95	95	97
Walnut logs:													
Made into lumber and veneer .... M ft. log measure	1,145	925	709	523	958	1,135	925	816	829	895	1,146	1,340	1,421
Purchases .... M ft. log measure	1,104	1,113	776	666	674	828	719	699	874	1,179	1,204	1,460	1,294
Stocks, end of month .. M ft. log measure	666	707	510	442	293	519	845	1,050	1,172	1,136	777	791	670
Walnut lumber:													
New orders .... M ft. b. m.	1,463	1,861	1,252	1,574	996	1,181	1,393	2,094	1,471	1,152	1,203	1,343	1,809
Production .... M ft. b. m.	1,405	1,037	887	624	1,075	1,382	1,141	875	804	642	1,184	1,444	1,386
Shipments .... M ft. b. m.	1,720	1,786	1,472	1,853	1,223	1,277	1,506	1,942	1,363	1,064	1,187	1,470	1,907
Stocks, end of month .... M ft. b. m.	12,825	13,176	13,926	14,543	15,837	15,990	15,893	16,265	17,236	18,295	17,670	18,731	18,796
Unfilled orders, end of month. M ft. b. m.	2,173	2,934	2,821	2,981	2,918	3,151	3,279	3,522	3,314	3,211	3,118	3,393	3,646
SOFTWOOD													
California redwood:													
New orders (computed) .... M ft. b. m.	18,636	16,007	15,386	16,576	19,321	19,220	22,480	24,485	20,695	25,928	17,857	21,485	30,603
Production (computed) .... M ft. b. m.	15,931	14,760	16,270	14,717	16,429	17,616	18,761	21,795	23,836	26,998	23,048	25,900	35,063
Shipments (computed) .... M ft. b. m.	17,055	15,734	17,323	18,131	18,253	21,568	21,898	24,852	23,555	21,410	20,307	20,549	31,808
Unfilled orders, end of month (computed) .... M ft. b. m.	20,485	17,585	17,380	19,331	20,376	20,237	22,290	22,726	23,613	28,725	22,766	24,514	24,277
Douglas fir:													
Exports—													
Lumber .... M ft. b. m.	36,714	38,787	45,308	53,088	47,766	69,043	63,159	15,211	14,951	38,251	53,718	42,364	43,801
Timber .... M ft. b. m.	21,874	18,020	25,155	18,186	35,718	55,586	37,573	19,964	14,978	16,081	12,859	9,151	12,511
New orders .... M ft. b. m.	151,305	158,915	188,460	181,297	191,146	188,907	224,272	217,109	189,355	191,593	189,355	186,222	203,232
Price wholesale—													
No. 1 common .. dolls. per M ft. b. m.	11.21	11.27	10.97	10.64	11.25	11.64	12.12	12.68	12.86	12.82	12.99	13.25	12.98
Flooring, 1 x 4 "B" and better, V. G .... dolls. per M ft. b. m.	25.63	25.48	25.29	25.76	25.98	28.33	29.74	31.14	31.65	31.33	31.73	33.40	33.77
Production .... M ft. b. m.	149,962	155,334	171,897	149,067	199,651	206,813	201,889	186,222	179,059	160,258	167,420	191,593	208,156
Shipments .... M ft. b. m.	162,049	166,525	175,030	173,240	197,413	221,586	200,099	195,622	186,669	178,164	174,583	179,954	199,651
Unfilled orders, end of month. M ft. b. m.	81,472	125,341	111,017	165,630	162,944	135,637	215,766	196,517	181,745	182,640	188,012	176,373	137,876
North Carolina pine:													
Production (computed) .... M ft. b. m.	27,370	24,640	24,276	27,013	30,338	30,233	31,241	27,489	24,318	24,129	28,350	28,140	29,386
Shipments (computed) .... M ft. b. m.	33,110	33,320	32,375	30,408	34,293	31,780	34,454	33,250	32,417	32,844	30,317	34,300	35,049
Northern hemlock:													
Production .... M ft. b. m.	3,928	4,804	9,991	10,128	10,013	9,893	8,616	6,583	6,085	6,526	5,812	4,046	4,374
Shipments .... M ft. b. m.	7,811	7,531	7,864	8,640	9,554	7,894	7,437	5,432	5,508	6,094	4,955	6,596	7,436

[2] Revised.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
FOREST PRODUCTS—Continued													
Lumber—Continued													
SOFTWOOD—Continued													
Southern yellow pine:													
Exports—													
Lumber ... M ft. b. m.	20,895	18,936	21,956	29,925	30,278	34,067	32,544	22,478	21,309	33,509	35,873	28,113	31,957
Timber ... M ft. b. m.	5,017	5,663	7,888	8,745	12,535	5,827	10,256	6,261	4,935	8,163	9,029	11,896	10,590
New orders ... M ft. b. m.	134,757	138,204	151,484	146,860	140,322	157,920	169,015	174,020	170,709	190,985	146,465	177,327	213,028
Price flooring ... dolls. per M ft. b. m.	26.49	27.21	27.78	27.82	28.15	28.82	28.32	29.66	28.42	30.73	32.51	33.44	34.01
Price index ... rel. to 1926	58.7	60.3	61.4	61.7	62.4	63.9	68.2	65.8	63.0	68.1	72.[illegible]	74.1	75.4
Production ... M ft. b. m.	117,241	116,511	119,828	121,994	126,739	148,048	165,325	164,929	153,831	165,065	157,143	184,712	210,972
Shipments ... M ft. b. m.	142,254	142,170	155,511	151,488	138,663	165,004	180,306	175,742	163,926	182,679	145,110	176,110	217,885
Unfilled orders ... M ft. b. m.	58,464	74,235	82,551	83,013	83,475	83,958	104,307	121,401	106,932	116,193	99,036	105,021	108,864
Western pine:													
New orders ... mill. ft. b. m.			127	128	114	107	141	109	112	87	111	97	177
Production ... mill. ft. b. m.			125	137	156	135	141	112	66	63	85	98	139
Shipments ... mill. ft. b. m.			125	119	125	122	125	120	107	107	108	114	164
Stocks end of month ... mill. ft. b. m.			1,225	1,245	1,230	1,204	1,196	1,174	1,174	1,218	1,262	1,284	1,300
VENEER													
Rotary-cut veneer:													
Receipts ... no. of carloads			85	78	99	79	83	105	118	101	111	106	101
Purchases ... no. of carloads			64	92	99	54	59	82	118	138	112	97	101
Furniture													
Household furniture and case goods:													
Grand Rapids district—													
Cancellations ... per cent new orders	8.5	8.0	7.0	6.5	4.5	13.0	8.0	12.0	6.0	7.0	16.0	7.0	9.0
New orders ... no. days' production	14	16	15	13	27	9	13	14	13	16	15	22	21
Outstanding accounts, end of month ... no. days' sales	38	39	36	32	32	31	33	34	35	42	43	48	51
Plant operations ... per cent full time	83.0	72.0	73.0	80.0	74.0	70.0	67.0	64.0	63.0	68.0	71.0	81.0	85.0
Shipments ... no. days' production	17	19	16	14	12	11	13	13	13	14	17	18	26
Unfilled orders, end of month ... no. days' production	11	15	20	22	23	11	15	15	17	18	17	22	20
Southeastern district—													
Shipments ... dolls., av. per firm	64,122	66,042	59,223	55,063	43,077	46,431	52,390	62,382	50,858	36,692	29,051	43,975	70,007
Unfilled orders, end of month ... dolls., av. per firm	22,100	42,180	47,706	47,997	56,865	19,338	28,248	29,798	34,160	31,781	14,400	19,917	29,117
Steel furniture. (See under steel manufactured products.)													
Wholesale prices:													
Beds ... rel. to 1926	73.1	80.4	82.9	85.2	85.2	86.8	90.7	90.7	90.7	90.7	90.7	91.7	91.7
Dining-room chairs, sets of six ... rel. to 1926	91.0	92.1	92.1	92.1	93.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
Kitchen cabinets ... rel. to 1926	100.1	[2] 100.1	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9
Living-room davenports ... rel. to 1926	82.0	84.2	83.2	88.6	89.8	89.8	93.2	93.2	92.3	92.3	92.3	92.3	92.3
LEATHER AND LEATHER PRODUCTS													
Prices, wholesale, composite, leather ... rel. to 1926	80.7	83.4	90.3	89.8	87.8	88.1	88.4	88.4	89.0	90.8	91.5	93.3	96.7
Production index (Fed. Res. Bd.) rel. to 1923–25	86	[2] 97	104	101	100	107	102	92	87	78	81	81	89
Production index (elec. energy consumed) rel. to 1923–25	81.8	81.9	77.1	83.8	85.4	81.0	83.9	71.2	76.1	71.6	68.7	63.0	84.9
Stocks, end of month ... rel. to 1923–25	82.0	[2] 80.1	[2] 77.4	77.6	[2] 78.2	[2] 79.5	80.3	[2] 81.2	[2] 82.1	[2] 85.3	[2] 86.4	[2] 83.8	[2] 82.6
Hides													
Imports—													
Calfskins ... thous. of lbs.	3,164	[2] 3,265	[2] 5,058	[2] 6,211	[2] 3,646	[2] 4,512	[2] 3,337	[2] 1,818	[2] 1,339	[2] 2,067	[2] 2,126	2,202	3,264
Cattle hides ... thous. of lbs.	10,846	11,934	11,870	9,313	7,528	6,812	4,404	6,867	4,149	5,186	6,781	6,781	6,888
Goatskins ... thous. of lbs.	5,533	[2] 6,858	7,556	7,686	9,321	8,274	6,160	6,292	3,991	5,863	6,154	5,167	7,268
Sheepskins ... thous. of lbs.	4,472	3,360	3,368	[2] 3,472	3,313	3,091	4,453	3,280	2,890	4,040	3,313	1,965	2,821
Total, hides and skins ... thous. of lbs.	25,856	27,445	29,513	28,332	26,053	24,437	19,616	19,468	13,417	20,211	20,471	18,207	21,512
Inspected slaughter of livestock:													
Canada—													
Cattle and calves ... thous. of animals	80	80	78	77	92	103	101	85	58	69	75	78	97
Swine ... thous. of animals	247	204	162	148	164	158	172	154	161	166	170	168	160
Sheep and lambs ... thous. of animals	193	117	81	71	56	23	27	32	32	37	53	98	185
United States—													
Cattle ... thous. of animals	781	687	727	706	667	704	690	635	559	651	692	605	836
Calves ... thous. of animals	407	393	357	356	417	425	471	416	353	379	398	324	438
Swine ... thous. of animals	3,772	2,955	2,500	2,767	3,251	3,408	3,488	3,523	4,142	5,362	4,647	4,024	3,492
Sheep ... thous. of animals	1,804	1,667	1,598	1,491	1,516	1,444	1,493	1,324	1,223	1,426	1,426	1,305	1,727
Prices:													
Packers, heavy, native steers (Chicago) ... dolls. per lb.	.077	.090	.113	.120	.100	.085	.092	.090	.073	.095	.107	.118	.133
Calfskins, No. 1, country (Chicago) ... dolls. per lb.	.083	.098	.129	.139	.129	.129	.135	.128	.117	.125	.144	.156	.172
Stocks, end of month:													
Calf and kip skins ... thous. of lbs.		27,413	[2] 28,325	[2] 29,033	[2] 26,027	[2] 24,150	[2] 23,662	[2] 23,132	[2] 24,104	[2] 26,707	[2] 27,553	[2] 28,221	[2] 26,972
Cattle hides ... thous. of lbs.		221,343	212,299	206,317	209,697	216,400	220,846	223,182	225,315	235,649	237,392	227,647	227,099
Sheep and lamb skins ... thous. of lbs.		34,649	35,376	35,223	34,034	35,026	32,926	34,168	33,172	33,296	34,489	34,368	34,546
Total hides and skins ... thous. of lbs.		283,405	[2] 276,000	[2] 270,573	[2] 269,758	[2] 275,576	[2] 277,434	[2] 280,482	[2] 282,591	[2] 295,652	[2] 299,434	[2] 290,236	[2] 288,617
Raw													
Sole and belting:													
Exports (sole only) ... thous. of lbs.	531	546	459	652	983	1,143	1,442	949	713	726	1,128	825	691
Price, oak, scoured backs (Boston) ... dolls. per lb.	.35	.39	.40	.37	.37	.37	.37	.37	.37	.38	.40	.41	.41
Production—													
Sole only ... thous. of backs, bends, sides		1,088	1,160	1,097	1,076	1,034	1,137	984	951	1,087	1,226	1,071	1,333
Sole and belting ... thous. of lbs.		18,765	19,837	19,281	19,522	18,388	20,406	18,219	17,386	19,559	21,993	18,777	23,418
Stocks, end of month—													
Finished ... thous. of lbs.		80,773	81,319	81,906	85,626	85,848	87,196	88,044	90,321	91,827	90,878	86,331	84,036
In process of tanning ... thous. of lbs.		69,172	68,931	67,212	67,070	67,938	68,933	71,122	72,488	73,261	74,135	77,485	78,815

[2] Revised.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931 October	September	August	July	June	May	April	March	February	January	1930 December	November	October
LEATHER AND LEATHER PRODUCTS—Continued													
Raw—Continued													
Upper leather:													
Exports ... thous. of sq. ft.	7,926	6,529	6,635	7,463	9,234	9,211	8,752	9,347	7,700	9,133	8,118	7,451	9,838
Price, composite, chrome, calf, black "B" grade ... dolls. per sq. ft.	.330	.337	.348	.350	.352	.356	.356	.352	.354	.359	.367	.367	.372
Production ... thous. of sq. ft.		65,543	69,626	67,234	63,229	60,542	62,536	61,515	54,706	52,225	57,888	51,848	65,339
Stocks—													
Finished ... thous. of sq. ft.		254,306	250,478	246,424	250,612	254,142	257,195	261,057	264,392	272,866	280,856	279,023	270,902
In process of tanning ... thous. of sq. ft.		126,146	131,095	128,425	126,684	124,330	125,722	127,867	128,967	129,513	127,785	133,357	137,513
Manufactures													
Gloves and mittens cut ... dozen pairs	233,334	226,754	223,837	164,205	182,077	171,968	191,120	175,988	158,485	162,388	157,079	236,263	236,911
Shoes:													
Exports ... thous. of pairs	136	142	132	140	167	194	177	185	130	130	208	270	269
Prices, wholesale—													
Men's black calf blucher (Boston) ... dolls. per pair	6.55	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75
Men's dress welt tanned calf, oxford (St. Louis) ... dolls. per pair	4.35	4.35	4.35	4.35	4.49	4.60	4.60	4.60	4.60	4.60	4.72	4.85	4.85
Women's black kid, McKay sewed ... dolls. per pair	3.15	3.15	3.15	3.15	3.25	3.25	3.25	3.25	3.25	3.25	3.45	3.55	3.55
Production—													
Total ... thous. of prs.		31,555	[2] 33,475	28,614	27,839	28,452	29,888	29,364	23,971	19,889	17,537	18,541	27,731
Men's ... thous. of prs.		7,423	[2] 8,245	7,349	7,244	6,735	6,641	6,254	5,687	5,250	5,034	4,740	6,436
Boys' and youths' ... thous. of prs.		1,991	2,078	1,739	1,605	1,647	1,768	1,654	1,438	1,418	1,262	1,271	1,558
Women's ... thous. of prs.		11,851	[2] 13,103	10,400	9,596	10,058	11,042	11,888	9,644	7,573	5,401	5,034	10,385
Misses' and children's ... thous. of prs.		2,785	[2] 3,140	2,846	2,835	3,128	3,846	3,712	2,983	2,495	2,003	1,769	2,393
Slippers, all types ... thous. of prs.		4,459	[2] 3,931	3,431	2,974	2,812	2,454	2,045	1,370	853	2,044	3,953	4,684
All other footwear ... thous. of prs.		3,046	[2] 2,978	2,849	3,585	4,072	4,137	3,811	2,849	2,300	1,793	1,774	2,275
IRON AND STEEL													
New orders ... rel. to 1923–25	42.6	56.0	[2] 46.8	56.2	59.0	57.9	83.6	74.5	50.9	66.9	70.9	58.0	67.8
Prices, wholesale ... rel. to 1926	86.2	86.6	86.6	87.1	86.9	87.2	87.5	88.1	88.4	88.1	88.0	88.3	88.6
Production index (Fed. Res. Bd.) ... rel. to 1923–25	43	46	51	59	64	72	75	78	73	64	59	65	74
Production index (elect. energy consumed) ... rel. to 1923–25	76.3	78.3	78.0	83.1	86.6	106.8	108.1	119.4	116.5	103.4	110.2	106.5	126.0
Stocks, manufactured goods, end of month ... rel. to 1923–25	125.3	[2] 123.3	[2] 128.7	130.1	136.6	138.9	142.8	145.7	139.7	141.7	146.4	146.1	147.1
Unfilled orders, end of month ... rel. to 1923–25	52.9	53.0	53.4	57.6	60.3	62.4	67.4	69.6	68.6	71.6	76.3	69.4	67.4
Ore													
Iron ore:													
Consumption ... thous. of long tons	1,451	1,470	1,652	1,832	2,114	2,675	2,826	2,835	2,368	2,350	2,339	2,640	3,050
Imports ... thous. of long tons	70	99	92	128	122	194	163	169	95	150	176	74	186
Receipts—													
Lake Erie ports and furnaces ... thous. of long tons	2,029	2,873	3,229	3,191	2,369	599	9	0	0	0	0	1,634	4,011
Other ports ... thous. of long tons	1,162	1,440	1,658	1,735	1,428	656	106	0	0	0	0	993	1,675
Shipments from mines ... thous. of long tons	3,094	4,179	5,065	4,956	3,808	1,769	176	0	0	0	0	1,988	5,531
Stocks end of month—													
At furnaces ... thous. of long tons	33,687	31,998	29,385	26,451	23,556	21,968	23,292	25,751	28,247	30,430	32,618	34,761	34,750
On Lake Erie docks ... thous. of long tons	6,080	5,974	5,686	5,366	5,157	5,147	5,430	5,765	6,011	6,190	6,331	6,466	6,342
Total ... thous. of long tons	39,767	37,972	35,071	31,817	28,713	27,115	28,722	31,516	34,258	36,620	38,940	41,227	41,092
Manganese ore:													
Imports ... thous. of long tons	21	27	22	38	37	21	33	2	10	17	29	10	18
Iron—Crude													
Gray-iron castings:													
Production ... av. tons per foundry		111	99	101	108	126	122	122	108	101	103	106	137
New business ... av. tons per foundry		82	79	92	82	105	123	134	107	97	101	77	98
Unfilled orders ... av. tons per foundry		68	70	70	60	77	93	98	84	68	80	53	56
Material received ... av. tons per foundry		137	123	117	123	134	140	136	118	131	112	135	142
Material on hand ... av. tons per foundry		260	231	226	229	232	252	261	268	309	273	260	292
Malleable castings:													
New orders ... short tons	18,145	[2] 17,610	18,494	19,400	22,176	28,328	36,086	34,331	32,566	32,676	26,433	27,451	24,171
Operating activities ... per ct. of capacity	20.5	18.6	[2] 19.0	20.1	24.5	32.2	36.3	35.9	34.4	31.5	31.1	27.8	29.0
Production ... short tons	20,123	[2] 18,193	18,531	19,943	23,837	31,450	36,076	35,210	33,587	31,267	30,431	27,114	28,785
Shipments ... short tons	17,484	[2] 18,387	20,513	23,511	28,132	36,540	37,693	36,677	32,663	31,536	27,474	25,974	29,206
Pig-iron production:													
Canada ... thous. of long tons		18	23	40	56	51	54	57	46	36	38	46	40
Merchant furnaces ... thous. of long tons			297	371	336	410	404	356	317	292	396	375	373
United States, total ... thous. of long tons	1,173	1,169	1,281	1,463	1,639	1,994	2,020	2,032	1,707	1,714	1,666	1,867	2,165
United States, total ... rel. to 1923–25	39.3	39.1	42.9	49.0	54.9	66.7	67.6	68.0	57.1	57.4	55.8	62.5	72.5
Pig-iron furnaces in blast, end of month:													
Furnaces, end of month ... number	70	73	76	82	91	105	113	116	108	102	95	107	111
Capacity, end of month ... long tons per day	36,530	38,600	39,085	45,230	50,855	61,085	66,980	67,880	61,850	57,365	51,330	60,205	65,965
Prices, wholesale:													
Basic (valley furnace) ... dolls. per long ton	15.25	15.50	15.50	15.50	15.50	16.25	16.50	16.50	16.75	17.00	17.00	17.00	17.00
Composite pig-iron ... dolls. per long ton	16.23	16.32	16.38	16.38	16.40	16.64	16.75	16.72	16.82	16.94	17.01	17.14	17.30
Foundry, No. 2, northern (Pittsburgh) ... dolls. per long ton	18.39	18.76	18.76	18.76	18.76	18.76	18.76	18.26	18.51	18.76	18.76	18.76	18.89
Iron—Manufactured Products													
Cast-iron boilers:													
Gas-fired boilers—													
Production ... thous. B. t. u.	105,181	158,495	208,072	201,956	178,101	174,244	227,605	210,584	178,224	163,390	85,399	85,328	250,001
Shipments ... thous. B. t. u.	247,732	257,941	195,946	155,723	156,769	154,650	150,227	95,765	114,593	98,397	221,775	149,507	359,206
Shipments ... dollars	270,880	288,422	213,852	159,568	166,923	148,749	149,057	94,251	116,186	92,702	181,966	202,835	445,101
Stocks, end of month ... mills. B. t. u.	842	978	1,106	1,089	1,069	1,014	997	916	797	721	621	759	885
Round boilers—													
New orders ... thous. of lbs.			7,204	5,520	4,948	4,525	3,741	4,311	3,912	6,412	7,193	9,495	14,521
Production ... thous. of lbs.			4,662	3,977	4,654	5,069	6,553	4,864	5,509	4,109	3,614	5,910	8,291
Shipments ... thous. of lbs.			7,309	6,071	5,055	4,787	4,232	4,071	4,183	5,724	7,131	10,041	17,774
Stocks, end of month ... thous. of lbs.			53,558	57,274	59,876	59,770	60,221	57,794	56,878	54,997	51,657	53,686	59,134

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MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
IRON AND STEEL—Continued													
Iron—Manufactured Products—Contd.													
Cast-iron boilers—Continued.													
Square boilers—													
New orders............thous. of lbs..	---------	---------	19,967	14,765	12,200	10,049	8,091	9,771	9,122	11,500	17,723	21,377	33,760
Production............thous. of lbs..	---------	---------	15,264	13,028	13,256	13,140	15,981	14,700	15,957	14,689	10,857	12,858	23,068
Shipments............thous. of lbs..	---------	---------	19,413	15,184	11,422	9,537	8,448	8,851	8,632	12,082	16,837	21,480	39,158
Stocks, end of month...thous. of lbs..	---------	---------	137,143	139,469	141,522	139,773	136,840	129,643	124,238	117,622	109,835	115,313	121,666
Cast-iron fittings:													
Production............short tons..	---------	4,592	3,650	4,059	4,165	4,976	5,603	5,763	6,288	6,446	6,506	7,188	9,122
Shipments............short tons..	---------	5,822	4,442	4,779	4,508	5,088	5,379	5,665	5,897	6,758	5,358	7,222	9,995
Malleable fittings:													
Production............short tons..	---------	2,466	1,959	2,114	2,365	2,471	3,075	3,290	3,379	3,236	3,209	3,322	4,061
Shipments............short tons..	---------	2,964	2,041	2,330	2,489	2,784	2,995	3,242	3,432	3,533	2,603	3,108	4,041
Radiators:													
New orders..thous. sq. ft. heating surface..	---------	---------	8,365	6,606	6,428	4,863	4,330	4,451	4,483	6,267	7,471	9,089	11,220
Production..thous. sq. ft. heating surface..	---------	---------	4,572	4,194	5,025	5,164	5,957	6,781	6,801	6,961	4,097	4,791	5,852
Shipments..thous. sq. ft. heating surface..	---------	---------	7,960	6,834	5,759	5,003	4,293	4,013	4,410	6,091	6,866	9,118	12,390
Stocks, end of month ....thous. sq. ft. heating surface..	---------	---------	44,834	47,414	50,183	50,953	50,632	48,978	45,969	43,613	38,702	41,420	45,626
Range boilers:													
New orders............number..	46,783	42,109	35,674	39,066	39,428	41,768	43,287	48,733	40,807	58,233	39,927	39,304	56,791
Production............number..	51,295	39,211	32,003	44,611	42,012	43,799	48,250	48,051	42,083	60,213	38,302	43,251	53,983
Shipments............number..	50,127	41,754	33,636	46,036	41,001	41,744	47,148	49,861	41,944	64,033	31,496	41,677	55,366
Stocks, end of month............number..	25,143	23,975	26,518	28,151	29,576	28,565	26,510	25,408	27,218	27,079	30,899	24,093	22,519
Unfilled orders—													
Total............number..	7,126	10,470	10,115	8,077	15,047	16,620	16,596	20,457	21,585	22,722	28,522	20,091	22,464
Delivery, 30 days............number..	5,526	8,470	8,054	5,922	12,752	9,944	8,599	10,882	11,708	11,712	17,192	6,870	9,807
Delivery, more than 30 days..number..	1,600	2,000	2,061	2,155	2,295	6,676	7,997	9,575	9,877	11,010	11,330	13,221	12,657
Steel—Crude													
Prices, wholesale:													
Composite, finished steel ....dolls. per 100 lbs..	2.18	2.20	2.19	2.20	2.19	2.21	2.22	2.23	2.22	2.22	2.19	2.20	2.22
Iron and steel composite ....dolls. per long ton..	30.81	31.03	31.05	31.05	31.02	31.39	31.61	31.66	31.65	31.70	31.76	31.95	32.31
Steel billets, Bessemer (Pittsburgh)........dolls. per long ton..	29.00	29.00	29.00	29.00	29.00	29.50	30.00	30.00	30.00	30.00	30.60	31.00	31.00
Structural-steel beams (Pittsburgh)............dolls. per 100 lbs..	1.60	1.60	1.65	1.65	1.65	1.65	1.65	1.65	1.63	1.60	1.60	1.60	1.60
Sheets, black, blue, galvanized, and full finished:													
New orders............net tons..	117,195	120,688	122,849	144,461	163,599	148,612	191,987	236,310	168,564	180,863	233,289	135,682	158,700
Production—													
Per cent of capacity............per cent..	33.1	32.0	34.9	46.3	40.3	56.6	58.2	61.1	57.2	45.1	39.8	43.6	50.6
Total............net tons..	122,739	116,842	123,752	174,890	147,843	201,846	213,608	224,322	192,218	167,865	145,125	148,550	193,934
Shipments............net tons..	129,365	123,371	151,529	178,460	156,160	191,942	211,118	208,207	179,138	170,379	144,040	158,182	193,516
Stocks, end of month—													
Unsold............net tons..	70,465	67,337	75,288	77,953	75,618	82,532	85,415	89,334	92,047	87,496	83,629	96,248	91,024
Total............net tons..	137,243	143,153	149,533	160,959	168,013	169,444	176,846	189,915	181,614	180,285	184,590	184,586	189,213
Unfilled orders, end of month...net tons..	159,367	167,366	170,122	203,358	304,107	296,731	325,169	383,280	343,439	360,479	378,601	295,282	319,518
Steel castings:													
New orders—													
Total............short tons..	22,851	[2] 23,073	27,458	32,869	26,136	39,052	46,039	48,184	40,320	46,810	49,387	48,123	45,552
Miscellaneous............short tons..	15,890	[2] 17,050	20,610	19,248	18,539	27,746	29,844	37,172	31,184	32,092	30,131	31,628	32,344
Railroad specialties........short tons..	6,961	6,023	6,848	13,621	7,597	11,306	16,195	11,012	9,136	14,718	19,256	16,495	13,208
Per cent of capacity............per cent..	16	16	19	23	18	27	32	33	28	32	34	33	32
Production—													
Total............short tons..	24,083	[2] 26,948	30,186	31,751	35,018	43,154	48,282	56,755	49,548	46,294	46,290	44,290	59,522
Miscellaneous............short tons..	16,717	[2] 19,683	21,529	23,339	25,608	31,083	35,439	42,544	35,638	35,351	32,093	32,445	43,840
Railroad specialties........short tons..	7,366	7,265	8,657	8,412	9,410	12,071	12,843	14,211	13,910	10,943	14,197	11,845	15,682
Per cent of capacity............per cent..	17	19	21	22	24	30	33	39	34	32	32	31	41
Steel ingots, production:													
Canada............thous. of long tons..	---------	33	52	45	56	75	91	99	83	58	56	72	65
United States, total...thous. of long tons..	1,592	1,548	1,719	1,886	2,076	2,505	2,722	2,994	2,502	2,459	1,980	2,212	2,693
United States, total........rel. to 1923–25..	46.1	44.8	49.7	54.6	60.1	72.5	78.7	86.6	72.4	71.1	57.3	64.0	77.9
Per cent of capacity............per cent..	28	28	31	34	38	45	49	54	49	43	38	44	50
U. S. Steel Corporation:													
Earnings............thous. of dolls..	---------	2,559	2,960	3,662	4,499	4,183	5,136	7,191	6,156	6,118	4,191	7,949	10,943
Unfilled orders, end of month............thous. of long tons..	3,119	3,145	3,169	3,405	3,479	3,620	3,898	3,995	3,965	4,132	3,944	3,640	3,482
Unfilled orders, end of month............rel. to 1923–25..	65.3	65.9	66.4	71.3	72.9	75.8	81.6	83.7	83.0	86.5	82.6	76.2	72.9
Steel—Manufactured Products													
Furniture, steel:													
Business group—													
New orders............thous. of dolls..	1,113	[2] 1,059	1,010	1,092	1,272	1,306	1,424	1,487	1,478	1,841	1,591	1,587	1,833
Shipments............thous. of dolls..	1,078	[2] 1,188	[2] 1,057	1,074	1,221	1,305	1,481	1,522	1,563	1,768	1,774	1,632	1,902
Unfilled orders, end of month............thous. of dolls..	826	790	919	966	948	897	896	952	986	1,072	999	1,182	1,227
Shelving—													
New orders............thous. of dolls..	304	304	307	328	452	506	408	455	401	418	283	468	587
Shipments............thous. of dolls..	310	310	358	371	449	409	423	481	382	422	515	503	645
Unfilled orders, end of month............thous. of dolls..	378	383	390	441	483	480	383	398	424	404	409	641	676
Iron, steel, and heavy hardware, sales............rel. to Jan., 1921..	---------	112	110	117	124	129	134	123	104	110	123	139	175
Iron and steel:													
Exports............long tons..	59,335	69,768	73,338	84,466	75,585	91,407	101,081	109,512	91,212	92,745	101,988	111,968	131,850
Imports............long tons..	23,335	24,509	21,898	28,225	30,987	29,689	40,606	33,343	22,479	33,959	24,338	34,572	29,730
Lock washers, shipments......thous. of dolls..	85	83	84	96	122	172	179	177	163	140	115	119	153
Steel barrels:													
Production............barrels..	489,555	451,562	449,590	580,565	552,955	610,788	591,399	550,583	450,134	421,814	412,283	497,539	616,121
Per cent of capacity............per cent..	35.3	31.7	31.6	40.7	38.9	43.1	41.9	39.9	33.1	32.6	30.3	36.5	44.1
Shipments............barrels..	492,145	452,960	455,502	581,450	549,781	618,801	600,566	554,332	449,485	427,622	406,327	500,409	619,558
Stocks, end of month............barrels..	34,704	37,294	38,692	44,604	45,489	42,315	50,328	59,495	63,244	62,595	68,403	62,447	65,317
Unfilled orders, end of month............thous. of barrels..	638	914	1,030	939	1,078	1,053	1,195	1,253	1,392	1,424	1,437	929	986

[2] Revised.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931 October	1931 September	1931 August	1931 July	1931 June	1931 May	1931 April	1931 March	1931 February	1931 January	1930 December	1930 November	1930 October
IRON AND STEEL—Continued													
Steel—Manufactured Products—Cont'd.													
Steel bars, cold finished, shipments..short tons..	13,034	11,576	12,600	14,413	16,360	22,768	25,141	25,011	21,727	21,943	15,747	15,456	20,521
Steel boilers, new orders:													
Area..thous. of sq. ft..	467	692	595	687	677	603	825	665	622	577	587	709	851
Quantity..number..	672	893	827	816	818	658	689	630	516	598	814	777	1,199
Steel plate, fabricated, new orders:													
Total..short tons..	20,664	33,473	[2] 24,282	27,261	22,806	26,210	29,916	31,056	24,438	27,518	26,787	33,151	30,[illegible]19
Oil storage tanks..short tons..	1,955	4,024	1,138	4,136	4,679	2,411	7,749	2,538	3,585	2,598	5,118	9,965	4,518
Structural steel, fabricated:													
New orders—													
Computed total..short tons..	110,000	196,800	124,400	159,200	177,200	152,800	292,800	184,400	158,400	162,400	152,800	151,200	209,2[illegible]0
Per cent of capacity..per cent..	27.5	49.2	31.1	39.8	44.3	38.2	73.2	46.1	39.6	40.6	38.2	37.8	52.3
Shipments—													
Computed total..short tons..	145,600	150,000	168,800	181,600	162,400	148,000	158,400	151,200	166,400	172,000	168,400	195,200	239,200
Per cent of capacity..per cent..	36.4	37.5	42.2	45.4	40.6	37.0	39.6	37.8	41.6	43.0	42.1	48.8	59.[illegible]
Track work, production..short tons..	2,162	3,472	3,924	4,409	5,705	7,453	8,564	8,944	6,321	5,626	5,174	4,212	5,192
Enameled Ware													
Baths:													
New orders..no. of pieces..	35,703	33,578	35,463	46,704	43,228	42,991	40,111	33,196	28,041	56,494	52,254	30,813	43,750
Shipments..no. of pieces..	36,022	34,980	37,633	47,922	43,584	45,512	40,449	34,938	30,616	68,564	36,008	35,489	48,547
Stocks, end of month..no. of pieces..	131,858	134,302	139,496	138,759	145,140	152,206	163,037	166,158	160,851	148,909	167,932	168,808	166,248
Unfilled orders, end of month..no. of pieces..	12,001	12,320	13,722	15,892	17,110	17,466	19,987	20,325	22,067	24,642	36,712	20,466	25,142
Lavatories:													
New orders..no. of pieces..	43,238	41,489	43,521	53,226	49,181	51,395	45,440	33,851	30,883	71,113	72,493	41,227	52,509
Shipments..no. of pieces..	44,963	43,372	45,262	53,585	50,575	54,520	43,221	36,642	31,438	93,870	48,023	47,078	58,273
Stocks, end of month..no. of pieces..	169,509	176,825	190,226	192,552	209,841	218,067	232,277	230,817	212,395	192,072	214,472	205,517	204,496
Sinks:													
New orders..no. of pieces..	44,287	43,518	43,174	51,341	49,928	54,693	52,771	41,532	35,873	63,074	61,567	44,897	58,504
Shipments..no. of pieces..	45,437	43,070	41,907	52,963	51,676	56,845	49,443	41,787	39,211	80,095	43,968	51,027	61,436
Stocks, end of month..no. of pieces..	224,723	226,440	236,005	245,354	255,269	260,426	273,154	267,828	259,442	244,880	261,800	253,374	246,632
Miscellaneous sanitary ware:													
New orders..no. of pieces..	26,854	21,911	27,324	27,106	27,463	21,243	22,995	18,641	15,781	29,785	25,092	21,453	27,840
Shipments..no. of pieces..	26,175	22,231	28,073	29,082	26,453	24,490	21,719	18,811	17,768	33,527	19,680	22,065	29,142
Stocks, end of month..no. of pieces..	86,401	86,640	86,455	94,269	98,384	101,673	107,917	109,508	107,439	106,152	112,460	108,795	103,858
Small ware (except baths):													
Unfilled orders, end of month..no. of pieces..	36,503	39,702	41,457	45,680	49,637	51,769	60,293	53,470	56,686	65,566	109,086	61,605	74,198
Porcelain enameled flat ware:													
New orders—													
Total..dollars..	706,284	701,487	564,093	649,894	637,688	716,502	670,171	707,480	623,973	548,403	412,512	515,383	853,919
Signs..dollars..	206,012	213,856	170,313	245,943	249,455	283,526	242,938	264,769	263,677	259,070	181,600	195,764	216,180
Table tops..dollars..	205,756	175,642	128,350	168,362	132,869	148,700	161,172	173,064	122,836	104,522	50,271	85,009	203,760
All other..dollars..	294,516	311,989	265,430	235,589	255,364	284,276	266,061	269,647	237,460	184,811	180,641	234,610	434,039
Shipments—													
Total..dollars..	692,415	704,428	638,431	690,801	706,838	739,656	691,107	738,358	628,969	468,779	509,392	524,486	890,285
Signs..dollars..	182,077	222,332	229,459	278,732	290,032	290,429	256,906	293,356	270,886	197,894	283,966	192,547	236,931
Table tops..dollars..	201,935	180,650	131,675	163,979	140,545	151,647	160,892	174,347	120,623	102,199	50,680	80,764	202,470
All other..dollars..	308,403	301,446	277,297	248,090	276,261	297,580	273,309	270,655	237,460	168,686	174,746	251,175	450,884
Plumbers' Woodwork													
New orders, net..no. of pieces..	100,275	[2] 110,372	106,928	101,784	122,642	135,674	118,510	130,895	98,869	111,957	111,689	96,928	119,900
Shipments..no. of pieces..	111,422	[2] 105,466	118,358	108,525	126,368	125,652	127,055	117,445	119,725	113,168	108,021	104,088	136,536
Stock, finished, end of month..no. of pieces..	191,933	[2] 199,308	203,213	211,622	200,227	211,972	204,586	213,574	215,628	212,683	247,513	232,467	225,085
Unfilled orders, end of month..no. of pieces..	89,409	[2] 100,556	96,650	108,080	114,821	119,578	109,556	118,101	104,651	125,507	126,718	123,050	130,210
Bathroom Accessories													
Total:													
Production..no. of pieces..	154,106	160,401	163,462	147,999	203,283	189,979	181,955	173,588	121,546	121,205			
Shipments..no. of pieces..	166,839	153,126	144,466	162,497	192,246	192,848	177,051	166,084	122,745	158,414			
Stocks, end of month..no. of pieces..	629,268	648,161	640,886	621,890	636,388	625,351	628,220	623,316	615,812	617,011			
Shipbuilding													
Rate of activity (elec. energy consumed)..rel. to 1923-25..	84.5	88.9	85.6	82.0	84.8	89.7	92.5	98.3	114.8	113.9	99.0	105.5	121.5
Building or under contract, end of month—													
Merchant vessels..thous. of gross tons..		294	299	326	359	370	397	409	412	421	344	359	366
Completed during month—													
Total..gross tons..		27,906	11,554	30,471	22,647	34,527	13,766	17,443	25,622	29,413	25,971	53,551	51,667
Steel, seagoing..gross tons..		25,002	7,150	25,363	16,964	28,613	4,985	13,976	9,703	21,045	18,391	39,830	16,895
Machinery													
Total exports..thous. of dolls..	20,200	24,700	20,400	22,700	28,300	26,600	31,100	29,400	44,000	37,700	36,100	33,200	30,800
Air conditioning equipment:													
New orders—													
Total..thous. of dolls..	1,485	1,432	1,359	1,719	1,538	1,671	1,398	1,307	1,180	1,284			
Air washer group..thous. of dolls..	83	61	75	93	127	205	78	99	64	79			
Fan group..thous. of dolls..	575	562	553	832	788	781	756	740	585	666			
Unit heater group..thous. of dolls..	827	809	731	794	623	685	564	468	531	539			
Electric hoists:													
New orders—													
Quantity..no. of hoists..	165	132	203	192	220	293	276	261	205	335	231	267	259
Value..dollars..	71,451	63,032	85,526	90,964	109,245	142,962	125,550	117,216	113,862	133,295	126,592	122,136	141,615
Shipments..dollars..	62,493	81,465	73,163	142,143	122,189	115,809	101,746	134,995	112,363	132,157	106,459	115,849	137,608
Electric overhead cranes:													
New orders..thous. of dolls..	73	84	91	160	261	307	274	671	268	423	302	370	353
Shipments..thous. of dolls..	157	235	345	435	410	310	416	261	530	496	671	587	677
Unfilled orders, end of month..thous. of dolls..	497	581	736	990	1,264	1,413	1,420	1,552	1,207	1,407	1,517	1,864	1,948
Foundry equipment:													
New orders..rel. to 1922-24..		31.9	16.9	38.7	40.9	54.1	57.7	174.4	54.7	65.3	59.8	45.3	50.0
Shipments..rel. to 1922-24..		29.6	37.4	55.7	90.4	118.6	69.7	72.9	55.4	54.7	102.6	76.5	62.0
Unfilled orders, end of month..rel. to 1922-24..		35.6	2.1	51.8	70.1	123.8	180.1	314.6	93.5	94.6	82.3	124.9	159.1

[1] Revised.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
IRON AND STEEL—Continued													
Machinery—Continued													
Machine tools:													
New orders ... rel. to 1922-24	45	56	72	62	74	87	105	118	84	67	69	60	90
Shipments ... rel. to 1922-24	85	92	96	72	95	96	91	92	73	75	85	67	103
Unfilled orders, end of month ... rel. to 1922-24	97	140	182	202	212	232	238	225	204	179	203	230	238
Oil burners:													
New orders ... no. of burners	13,542	12,329	10,621	8,010	6,046	5,132	5,528	4,836	3,699	3,842	5,026	6,861	18,152
Shipments ... no. of burners	14,234	12,536	10,035	7,491	6,044	5,562	5,248	4,406	3,531	4,046	5,025	7,855	18,580
Stocks, end of month ... no. of burners	8,326	9,748	10,155	10,113	9,193	8,553	10,036	8,603	8,645	8,572	8,604	8,319	8,677
Unfilled orders, end of month ... no. of burners	1,177	1,869	2,076	1,490	971	969	1,399	1,119	689	521	725	724	1,718
Patents granted:													
Agricultural implements ... number	54	62	54	55	79	60	67	67	44	41	58	52	41
Internal-combustion engines ... number	57	66	69	60	67	58	68	68	76	58	67	54	49
Total, all classes ... number	4,074	4,750	4,088	3,962	5,270	4,270	4,167	4,789	3,715	3,215	4,251	3,023	2,871
Pulverized-fuel equipment:													
New orders, central system—													
Furnaces and kilns ... no. of pulverizers	0	0	1	0	0	0	0	0	2	0	0	0	0
Water-tube boilers ... no. of pulverizers	1	0	0	0	0	0	2	2	1	2	0	0	0
New orders, unit system—													
Fire-tube boilers ... no. of pulverizers	2	4	4	5	4	3	1	2	3	6	0	5	0
Furnaces and kilns ... no. of pulverizers	0	1	1	1	3	1	1	2	0	0	3	2	2
Water-tube boilers ... no. of pulverizers	1	3	4	11	14	0	9	13	2	8	3	15	10
Pumps (water):													
Domestic shipments—													
Pitcher, hand, and windmill ... no. of units	17,677	20,490	22,379	24,579	26,330	22,417	24,255	25,181	32,902	24,873	23,056	21,562	26,917
Power, horizontal typo ... no. of units	1,032	1,063	2,197	2,312	2,229	2,135	2,145	1,772	1,657	1,564	1,325	1,238	1,992
Steam, power, and centrifugal—													
New orders ... thous. of dolls	563	[2] 599	775	874	875	921	1,075	950	765	773	1,047	967	1,027
Shipments ... thous. of dolls	695	[2] 886	800	944	1,028	1,037	918	1,036	873	718	1,205	1,116	1,167
Unfilled orders, end of month ... thous. of dolls	2,023	[2] 2,161	2,450	2,441	2,471	2,605	2,762	2,616	2,717	2,826	2,812	2,975	3,124
Pumps (gasoline and other):													
Shipments—													
Gasoline—													
Hand operated ... units	2,986	[2] 2,715	3,276	4,585	5,019	6,041							
Power operated ... units	3,837	[2] 3,676	4,309	5,742	7,735	10,263							
Other—													
Hand operated ... units	22,479	18,645	22,708	37,660	37,287	37,355							
Power operated ... units	291	458	501	985	1,162	1,077							
Stokers, mechanical, sales:													
Power ... horsepower	20,339	22,462	31,171	20,735	29,889	23,646	18,723	17,993	13,849	25,902	11,726	21,103	38,276
Quantity ... number	83	96	132	101	111	80	65	63	66	85	53	71	92
Water-softening apparatus, shipments ... no. of units	518	500	429	525	567	605	692	756	591	664	566	647	655
Water-systems, shipments ... no. of units	6,030	6,681	7,850	7,640	8,694	9,090	7,638	6,105	5,434	6,010	5,177	6,401	7,522
Wood-working machinery:													
Cancellations ... thous. of dolls	8	7	6	16	46	21	10	16	13	9	21	16	17
New orders ... thous. of dolls	377	345	447	533	503	487	484	527	474	486	470	459	605
Shipments ... thous. of dolls	347	379	572	448	463	513	451	545	491	383	500	506	564
Shipments ... no. of machines	371	331	513	421	391	393	356	400	421	400	529	442	441
Unfilled orders, end of month ... thous. of dolls	340	336	356	534	479	516	518	479	502	557	467	520	636
NONFERROUS METALS AND PRODUCTS													
Prices, wholesale, metal and metal products ... rel. to 1926	86.5	87.2	87.1	87.5	87.4	87.8	88.7	89.0	88.9	89.3	90.0	90.2	90.4
Production index (Fed. Res. Bd.) ... rel. to 1923-25	65	[2] 65	[2] 66	65	68	73	73	77	79	78	85	87	95
Production index (elec. energy consumed) ... rel. to 1923-25	71.0	75.0	73.3	69.3	78.6	94.0	94.6	103.5	112.3	95.0	97.8	89.6	87.0
Stocks, end of montb ... rel. to 1923-25	202.0	[2] 200.9	199.9	203.3	213.7	219.3	220.4	219.9	224.4	227.4	228.1	231.1	234.1
Stocks, raw materials, end of month ... rel. to 1923-25	157.1	[2] 152.0	147.9	137.7	127.7	122.4	126.9	144.8	130.7	130.9	129.6	139.8	134.1
Raw Materials													
Babbitt metal consumption:													
Direct by producers ... thous. of lbs	552	497	404	511	702	731	716	832	687	766	647	791	1,033
Sale to consumers ... thous. of lbs	1,495	1,355	1,377	1,420	1,605	1,678	1,844	1,829	1,820	2,090	1,459	1,904	2,069
Total apparent ... thous. of lbs	2,047	1,852	1,781	1,932	2,307	2,409	2,560	2,661	2,507	2,856	2,107	2,695	3,101
Copper:													
Exports, refined ... short tons	11,429	17,201	19,271	22,381	23,244	22,951	24,179	31,536	28,947	42,192	32,208	37,773	30,715
Domestic shipments, refined ... short tons		40,459	45,816	43,144	50,217	45,265	54,567	74,685	60,636	60,209	69,854	62,693	75,703
Price, wholesale, electrolytic (N. Y.) ... dolls. per lb	.0678	.0699	.0720	.0770	.0803	.0867	.0939	.0985	.0972	.0984	.1030	.1011	.0960
Production—													
Index (Fed. Res. Bd.) ... rel. to 1923-25		60	59	59	67	68	69	70	76	72	76	83	83
Mines ... short tons		38,088	38,925	38,228	44,473	45,580	46,452	48,702	47,504	48,059	48,726	53,141	55,954
Refined (N. and S. America) ... short tons		86,704	90,190	96,408	98,275	102,695	100,501	102,058	99,853	102,458	106,366	112,646	118,229
Smelters ... sbort tons		47,012	47,246	46,503	51,652	53,734	52,085	57,922	55,229	53,429	60,022	64,816	70,419
Stocks (N. and S. America), end of month—													
Blister ... short tons		178,425	176,105	179,658	187,353	190,578	193,876	198,811	203,224	210,637	218,799	223,280	240,145
Refined ... short tons		479,896	455,775	440,417	413,474	398,667	367,921	354,205	363,629	363,827	367,175	369,832	364,930
Refined ... rel. to 1923-25		423.9	402.6	389.1	365.3	352.2	325.0	312.9	321.2	321.4	324.4	326.7	322.4
World production, blister ... short tons		120,689	121,655	121,504	126,722	130,486	128,877	136,958	128,685	129,390	136,252	143,214	157,344
Lead:													
Ore shipments—													
Joplin district ... short tons		2,911	3,064	2,290	1,432	1,881	1,995	3,762	2,508	2,721	2,896	3,963	3,361
Utah ... short tons	34,807	25,305	27,711	31,577	28,806	41,576	34,816	35,498	46,902	55,331	48,705	48,400	63,584
Production, refined ... short tons	36,546	31,966	34,144	32,157	30,708	39,519	35,498	41,775	39,464	43,405	48,517	43,423	50,402
Production (Fed. Res. Bd.) ... rel. to 1923-25	68	67	61	64	60	78	71	79	82	83	92	83	94
Price, pig, desilverized (New York) ... dolls. per lb	.0396	.0440	.0440	.0440	.0392	.0382	.0441	.0453	.0455	.0480	.0510	.0510	.0515
Receipts in United States, ore ... short tons	33,104	33,228	33,385	30,136	32,551	35,677	34,694	37,878	35,512	42,110	40,462	38,820	46,237

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MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1931		
	October	September	August	July	June	May	April	March	February	January	December	November	October
NONFERROUS METALS AND PRODUCTS—Continued													
Raw materials—Continued													
Tin:													
Deliveries (consumption)......long tons..	5,385	5,015	5,270	5,100	5,185	5,505	6,630	6,120	5,100	7,210	7,495	6,270	7,580
Imports (bars, blocks, etc.)....long tons..	5,607	4,882	5,249	5,587	4,698	5,483	6,126	6,986	5,903	8,113	6,659	6,470	5,929
Price, wholesale, Straits (New York)....dolls. per lb..	.2272	.2468	.2575	.2502	.2341	.2320	.2512	.2707	.2631	.2610	.2527	.2589	.2686
Stocks, end of month—													
United States..........long tons..	6,773	5,868	6,213	5,833	5,633	5,698	6,212	7,917	5,862	4,904	4,693	5,372	4,823
World visible supply......long tons..	50,602	50,722	50,987	51,707	51,626	51,231	48,462	48,607	49,339	43,619	42,498	40,811	39,676
Zinc:													
Ore, Joplin district—													
Shipments..........short tons..	....	17,113	20,243	12,059	14,395	22,470	27,261	17,163	25,389	25,987	31,056	39,478	33,474
Stocks, mines, end of month ....short tons..	....	81,190	79,533	76,566	70,935	65,480	61,110	63,001	58,534	56,013	47,000	49,441	45,689
Price, slab, prime western (St. Louis)..........dolls. per lb..	.0338	.0374	.0382	.0389	.0342	.0331	.0372	.0400	.0401	.0404	.0410	.0427	.0406
Production..........short tons..	21,674	21,356	21,467	21,365	23,483	25,688	29,137	32,328	29,562	32,522	32,733	32,097	40,922
Retorts in operation, end of month ....number..	23,774	22,817	21,705	21,666	21,422	23,024	29,072	34,221	35,518	35,635	33,640	37,492	41,004
Stocks, end of month..........short tons..	130,666	130,155	129,701	131,833	138,928	143,049	143,212	141,493	144,389	145,076	143,618	145,139	143,327
Manufactured Products													
Electrical equipment:													
Delinquent accounts, electrical trade. (See under Distribution movement.)													
Electric furnaces, new orders...kilowatts..	....	1,231	3,975	1,956	1,732	2,680	1,791	2,046	2,358	4,599	1,489	2,202	3,317
Electric goods, new orders (quarterly)..........thous. of dolls..	....	[3] 157,472	....	....	[3] 224,348	....	....	[3] 182,486	....	....	[3] 208,936	....	....
Electrical porcelain, shipments—													
Glazed nail knobs....thous. of pieces..	....	2,038	1,643	1,482	1,263	2,061	2,144	1,458	2,523	2,253	2,007	1,834	2,044
Special..........dollars..	....	82,485	74,183	66,906	77,194	78,983	76,313	78,716	86,471	86,976	91,564	93,677	131,815
Standard..........dollars..	....	42,562	38,303	33,042	41,331	57,462	52,009	52,599	64,823	87,794	51,016	47,994	73,659
Tubes..........thous. of pieces..	....	869	971	516	592	1,309	890	783	1,125	875	522	801	1,156
Unglazed nail knobs.thous. of pieces..	....	1,095	901	562	929	2,323	1,281	1,224	1,386	1,752	1,159	1,164	1,615
Industrial reflectors, sales..........units..	59,103	54,691	56,735	61,794	66,188	67,256	72,003	69,484	68,285	65,501	76,659	115,736	113,316
Laminated phenolic products, shipments..........thous. of dolls..	577	644	637	623	637	711	633	689	630	605	551	674	1,023
Manufactured mica—													
Shipments..........thous. of dolls..	76	79	103	81	92	128	135	142	137	133	101	132	150
Unfilled orders, end of month ....thous. of dolls..	73	81	87	100	97	119	138	110	141	105	104	90	104
Motors (direct current)—													
Billings (shipments)..........dollars..	....	365,930	365,877	360,444	450,165	455,325	473,767	445,833	418,228	393,558	500,165	433,530	621,114
New orders..........dollars..	....	413,864	299,081	377,129	402,130	440,476	536,272	396,958	450,204	680,251	617,454	457,518	474,611
Nonmetallic conduits, shipments..........thous. of feet..	2,005	3,356	4,487	2,777	2,447	4,091	5,112	3,508	3,667	3,997	2,417	3,713	4,067
Panelboards and cabinets, shipments..........thous. of dolls..	....	326	367	336	338	339	324	345	373	383	....	....	....
Power cables, shipments...thous. of feet..	1,137	806	840	890	1,106	1,303	1,619	1,636	1,326	1,139	1,678	1,824	1,957
Power switching equipment, new orders—													
Indoor..........dollars..	37,547	40,586	48,707	47,041	52,697	73,567	111,875	75,303	64,736	76,052	77,248	69,202	84,160
Outdoor..........dollars..	244,122	188,043	175,629	360,325	240,081	208,713	216,145	269,425	201,344	228,862	178,160	219,232	342,771
Vacuum cleaners, shipments.......units..	....	....	37,952	35,447	43,011	70,303	79,527	82,279	71,551	55,362	78,611	78,626	73,934
Vulcanized fiber—													
Consumption..........thous. of lbs..	1,398	1,407	1,345	1,783	1,624	1,541	1,475	1,975	1,652	1,369	1,421	1,513	1,824
Shipments, total......thous. of dolls..	313	332	348	344	402	419	432	484	426	385	318	359	465
Welding sets, new orders—													
Multiple operations..........units..	....	0	0	0	2	0	8	11	4	23	13	2	6
Single operation..........units..	....	115	80	120	134	165	169	177	136	155	152	153	200
Miscellaneous products:													
Brass sheets..........rel. to 1926..	68.3	79.7	80.9	82.5	82.8	86.8	90.4	91.4	89.7	90.7	93.6	92.7	88.9
Copper-wire cloth—													
New orders..........thous. of sq. ft..	308	339	326	328	275	275	299	357	309	404	337	269	363
Make and hold orders, end of month.......thous. of sq. ft..	522	509	504	546	560	514	554	557	530	574	539	530	606
Production..........thous. of sq. ft..	338	333	330	302	253	256	340	330	297	332	344	310	385
Shipments..........thous. of sq. ft..	312	316	330	324	274	277	297	308	304	311	309	303	356
Stocks, end of month.thous. of sq. ft..	910	911	889	898	934	1,073	1,096	1,079	1,083	1,097	1,145	1,176	1,160
Unfilled orders, end of month..........thous. of sq. ft..	129	135	134	158	145	302	174	186	211	217	165	166	199
Enameled sheet-metal ware, shipments..........dozen pieces..	255,782	307,068	251,544	246,858	232,672	264,953	281,339	312,916	289,205	267,232	250,568	263,365	329,337
Pails and tubs, galvanized—													
Production..........dozen pieces..	98,340	110,253	[2] 134,003	103,345	92,460	121,413	143,258	147,278	132,781	103,677	87,140	60,798	130,906
Shipments..........dozen pieces..	88,270	120,851	129,693	114,134	90,747	122,072	140,080	144,052	120,723	138,538	68,898	68,330	115,185
Other galvanized ware—													
Production..........dozen pieces..	26,626	32,276	34,709	26,970	26,304	28,390	34,929	31,542	34,347	23,716	21,657	16,061	40,084
Shipments..........dozen pieces..	27,792	36,007	32,764	27,334	28,724	34,188	42,287	29,579	28,142	25,958	15,915	21,296	41,126
PAPER AND PAPER PRODUCTS													
New orders..........rel. to 1923–25..	96.8	96.8	[2] 90.5	93.2	90.7	102.7	101.3	99.3	96.7	97.2	85.8	93.2	106.0
Production index (Fed. Res. Bd.)..........rel. to 1923–25..	....	104	105	109	[2] 109	113	110	110	110	106	98	103	107
Production index (elect. energy consumed) (paper and pulp)..........rel. to 1923–25..	113.0	138.3	121.7	104.0	112.4	135.1	109.6	123.0	127.0	111.8	117.0	112.3	120.0
Stocks, end of month..........rel. to 1923–25..	122.2	128.2	128.6	128.6	129.7	126.1	131.2	123.4	128.6	125.9	122.6	121.7	127.4
Wood Pulp													
Ground wood:													
Consumption and shipments..short tons..	....	106,094	100,180	111,463	118,371	118,157	116,914	111,165	96,823	108,349	109,740	110,502	121,335
Imports..........short tons..	21,842	18,750	14,433	17,725	13,512	12,851	23,136	14,652	15,656	14,394	27,024	21,776	31,305
Production..........short tons..	....	96,920	87,638	102,197	121,103	136,858	136,438	116,311	95,937	107,208	110,578	102,957	96,465
Stocks, end of month..........short tons..	....	82,260	91,434	103,975	115,235	111,832	93,131	73,606	68,460	69,346	75,498	74,660	82,205

[2] Revised.

[3] Quarter ended in month indicated.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
PAPER AND PAPER PRODUCTS—Con.													
Wood Pulp—Continued													
Soda:													
Consumption and shipments..short tons..	--------	21,558	24,278	23,502	23,572	25,960	27,412	27,660	27,884	28,512	27,128	28,346	28,954
Production..short tons..	--------	21,528	25,508	24,362	24,834	27,230	28,102	29,304	29,422	29,102	28,560	28,966	30,684
Stocks, end of month..short tons..	--------	3,598	4,620	4,502	4,660	4,480	4,414	4,998	4,624	4,366	5,118	4,936	5,642
Sulphite, unbleached:													
Consumption and shipments..short tons..	--------	16,698	19,026	17,544	16,790	19,020	21,178	18,882	20,554	20,194	18,272	18,238	22,316
Imports..short tons..	53,014	49,314	49,300	52,061	52,745	34,483	30,724	34,289	50,271	87,600	63,870	76,850	52,286
Price..dolls. per 100 lbs..	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.35	2.48	2.48	2.48	2.48	2.48
Production..short tons..	--------	19,800	16,922	17,924	19,092	19,494	21,076	18,878	19,384	20,354	17,860	18,532	22,166
Stocks, end of month..short tons..	--------	6,388	5,052	5,578	5,500	4,256	3,936	4,316	4,320	5,490	5,474	5,886	5,592
Sulphito, bleached:													
Consumption and shipments..short tons..	--------	35,784	37,818	35,448	38,080	37,440	37,272	40,544	43,090	41,616	38,844	40,634	48,118
Imports..short tons..	29,169	34,943	29,510	23,109	29,558	28,614	30,511	32,863	25,592	36,095	30,322	30,595	30,484
Production..short tons..	--------	36,232	37,736	35,262	39,048	38,262	36,092	40,600	40,462	41,402	38,698	40,938	47,790
Stocks, end of month..short tons..	--------	6,166	5,718	5,800	5,986	5,018	4,196	5,376	5,320	7,948	9,206	9,352	9,048
Total sulphite:													
Consumption and shipments..short tons..	--------	105,666	108,924	105,294	111,282	110,722	115,960	115,794	117,122	121,774	116,830	120,780	141,852
Production..short tons..	--------	109,558	107,430	107,664	115,200	110,840	115,974	115,022	112,552	120,628	117,158	121,276	140,264
Stocks, end of month..short tons..	--------	25,836	23,710	23,626	21,558	18,698	18,734	18,998	19,770	24,340	28,720	28,392	27,896
Sulphate:													
Consumption and shipments..short tons..	--------	35,202	[2] 36,630	38,156	39,828	39,590	39,082	34,014	35,880	33,722	33,190	34,110	41,446
Production..short tons..	--------	36,866	[2] 38,522	39,228	40,948	41,870	41,292	36,542	38,104	30,674	36,204	37,208	44,454
Stocks, end of month..short tons..	--------	4,604	[2] 5,384	6,050	7,524	9,076	9,504	10,152	10,092	10,426	10,006	9,494	8,974
Other grades:													
Consumption and shipments..short tons..	--------	986	754	1,078	778	1,072	844	1,184	1,016	1,258	--------	--------	--------
Production..short tons..	--------	942	890	1,202	774	514	898	1,188	1,098	1,190	--------	--------	--------
Stocks, end of month..short tons..	--------	418	462	326	202	206	764	710	706	624	--------	--------	--------
Total chemical (all grades):													
Consumption..short tons..	--------	163,412	[2] 170,586	168,030	175,460	177,344	183,298	178,652	181,902	185,266	177,272	183,346	212,388
Production..short tons..	--------	168,894	[2] 172,350	172,456	181,756	180,454	186,266	182,056	181,176	187,594	182,014	187,572	215,570
Stocks, end of month..short tons..	--------	34,456	[2] 34,176	34,504	33,944	32,460	33,506	34,858	35,192	39,756	43,872	42,882	42,560
Paper													
Box board:													
Consumption of waste paper..short tons..	209,903	205,084	200,138	213,686	208,513	227,125	206,511	210,590	191,331	199,229	162,528	190,502	228,588
New orders..short tons..	218,527	235,382	215,752	221,048	223,990	236,173	224,021	222,511	198,296	211,782	173,258	200,199	247,209
Operation..thous. of inch hours..	7,840	7,946	7,685	8,114	8,200	8,727	7,903	8,175	7,345	7,520	6,261	7,114	8,391
Operation..p. ct. of capacity..	64.8	70.9	65.9	69.6	70.3	77.8	67.8	70.1	71.2	64.5	53.1	65.3	68.5
Production..short tons..	218,157	221,684	213,614	222,927	224,110	232,020	230,537	226,011	205,785	211,691	176,483	203,381	253,889
Shipments..short tons..	218,489	221,261	218,244	221,980	223,328	231,746	227,806	224,023	203,202	209,660	175,170	202,042	251,810
Stocks, end of month..short tons..	79,248	79,580	79,157	83,787	82,840	82,058	81,784	79,053	77,065	74,482	72,451	71,138	69,799
Stocks of waste paper, end of month—													
In transit and unshipped purchases..short tons..	36,055	45,386	47,549	47,052	50,558	39,209	25,026	51,301	35,229	34,510	34,292	30,649	34,910
At mills..short tons..	151,658	149,029	148,042	166,006	169,570	182,812	167,478	167,846	191,507	197,699	201,597	184,598	177,486
Unfilled orders, end of month.short tons..	61,365	61,327	47,206	49,698	50,630	49,968	45,541	49,326	50,838	55,744	53,622	55,534	57,377
Newsprint:													
Consumption by publishers, United States..short tons..	173,852	152,422	146,249	157,119	161,265	179,836	174,325	179,340	150,403	160,660	166,645	184,615	183,388
Exports, Canada..short tons..	171,031	161,171	160,175	157,205	189,739	185,432	152,360	200,545	144,236	153,362	225,495	173,149	200,776
Imports, United States..short tons..	180,230	159,946	157,037	173,457	188,919	192,688	175,242	169,345	148,388	172,110	194,144	195,953	209,944
Price, roll, f. o. b. mill..dolls. per cwt..	--------	--------	--------	--------	--------	--------	--------	3.10	3.10	3.10	3.25	3.25	3.25
Production—													
Canada..short tons..	184,252	178,412	165,124	182,731	193,971	202,607	205,838	187,005	164,552	182,657	184,755	201,703	213,817
United States, total..short tons..	97,117	91,241	88,344	99,548	101,086	101,202	102,450	100,590	88,788	101,990	99,276	92,237	105,450
Per cent of capacity..per cent..	63	64	59	67	68	69	70	68	65	69	69	68	72
Shipments—													
Canada..short tons..	191,725	178,181	162,303	175,350	194,144	202,280	205,752	187,730	162,350	180,027	188,845	213,673	221,748
United States..short tons..	98,616	90,303	89,047	97,225	100,087	102,555	101,819	101,044	90,901	100,440	99,062	93,631	102,808
Stocks, end of month—													
At mills—													
Canada..short tons..	42,963	50,451	49,128	47,288	39,832	39,962	39,754	39,850	42,259	38,768	36,777	40,372	52,547
United States..short tons..	31,953	33,517	32,607	33,616	33,906	32,956	34,289	32,254	33,627	32,903	32,061	31,818	33,318
At publishers, U. S..short tons..	190,367	197,716	202,121	203,944	189,990	178,333	185,560	190,728	211,142	217,889	217,651	198,151	211,716
In transit to publishers, United States..short tons..	38,022	34,379	30,879	34,566	39,041	44,859	45,352	44,011	39,486	39,022	38,821	50,539	41,017
Other paper:													
Binders' board, production..short tons..	--------	1,323	1,695	2,069	1,535	1,486	1,809	1,401	1,543	1,515	1,477	1,317	1,894
Book paper:													
Production..short tons..	--------	98,563	106,439	106,015	113,022	117,609	117,374	117,964	114,306	125,335	100,188	93,897	103,525
Per cent of capacity..per cent..	--------	69	71	71	77	78	79	80	85	79	75	73	74
Shipments..short tons..	--------	101,323	104,097	107,075	111,327	113,140	118,782	119,026	117,849	127,466	101,090	93,428	106,838
Stocks, end of month..short tons..	--------	89,440	92,684	89,984	90,985	92,464	87,395	89,088	90,353	94,413	114,302	115,340	114,766
New orders—													
Coated..p. ct. of normal production..	--------	57	53	58	52	70	76	64	76	66	65	63	68
Uncoated.p. ct. of normal production..	--------	59	61	60	65	67	68	74	76	75	69	67	70
Unfilled orders, end of month—													
Coated..days' production..	--------	5	5	6	5	7	7	6	8	6	7	7	7
Uncoated..days' production..	--------	5	5	5	6	6	6	6	6	6	6	5	5
Fine paper:													
Production..short tons..	--------	26,443	26,386	26,408	29,364	30,793	32,451	35,141	32,534	32,835	25,485	29,085	34,486
Per cent of capacity..per cent..	--------	55	55	55	59	64	67	74	73	66	52	64	72
Shipments..short tons..	--------	27,606	27,441	27,728	28,395	31,501	33,100	33,981	32,339	34,707	24,873	28,387	34,624
Stocks, end of month..short tons..	--------	57,489	58,658	59,723	62,725	61,758	62,459	62,905	61,340	61,148	68,310	67,701	67,009
Wrapping paper:													
Production..short tons..	--------	69,537	[2] 78,360	78,074	78,174	78,377	79,261	75,404	72,281	71,826	74,554	76,628	83,905
Per cent of capacity..per cent..	--------	81	90	88	87	88	91	85	88	82	78	83	84
Shipments..short tons..	--------	69,120	[2] 76,479	78,777	76,845	76,888	80,371	76,083	71,920	71,970	73,137	77,701	84,744
Stocks, end of month..short tons..	--------	77,451	[2] 77,047	75,146	76,051	78,107	76,582	77,718	78,404	78,047	72,333	70,881	71,916
All other grades:													
Production..short tons..	--------	77,505	[2] 78,721	74,728	75,655	78,509	80,983	74,123	70,054	78,378	75,094	77,846	87,455
Shipments..short tons..	--------	79,574	[2] 81,315	74,062	75,895	83,882	81,268	74,186	69,735	72,122	71,717	78,349	88,985
Stocks, end of month..short tons..	--------	66,020	[2] 68,192	70,755	69,174	68,734	71,545	69,540	67,618	65,594	65,777	62,400	62,903

[2] Revised.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931 October	1931 September	1931 August	1931 July	1931 June	1931 May	1931 April	1931 March	1931 February	1931 January	1930 December	1930 November	1930 October
PAPER AND PAPER PRODUCTS—Con.													
Paper—Continued													
Total paper (including newsprint and box board):													
Production ... short tons		584,973	[2] 591,414	607,700	621,411	638,510	643,056	629,233	583,748	622,055	551,080	573,174	668,710
Per cent of capacity ... per cent		70	67	70	71	72	74	73	71	66	65	69	74
Shipments ... short tons		589,187	[2] 596,623	606,847	615,877	639,712	643,146	628,343	585,946	621,365	545,049	573,538	669,809
Stocks, end of month ... short tons		403,497	[2] 408,345	413,011	415,681	416,077	414,054	410,558	408,407	406,587	425,234	419,278	419,711
Paper Products													
Abrasive paper and cloth:													
Shipments—													
Domestic ... reams	53,348	53,373	54,721	51,948	54,431	62,268	65,452	64,910	56,004	53,752			
Foreign ... reams	6,942	6,552	7,131	7,832	8,705	8,236	9,525	9,528	8,261	9,290			
Paper-board shipping boxes:													
Operating time—													
Corrugated ... p. ct. of normal	81	82	80	78	81	84	81	79	78	63	60	70	80
Solid fiber ... p. ct. of normal	66	71	68	68	71	65	67	62	61	54	58	57	65
Total ... p. ct. of normal	77	79	77	76	79	79	78	75	74	61	60	67	76
Production—													
Corrugated ... thous. of sq. ft.	438,296	448,910	449,285	402,031	416,282	417,407	401,874	391,043	382,305	305,274	283,933	347,876	425,900
Solid fiber ... thous. of sq. ft.	101,997	103,740	106,800	95,582	99,754	100,301	102,609	93,875	91,966	77,921	75,507	80,360	92,488
Total ... thous. of sq. ft.	540,293	552,650	556,085	497,613	516,036	517,708	504,483	484,938	474,271	383,195	359,440	428,236	518,388
Rope paper sacks, shipments ... rel. to 1921–22	69	75	67	65	44	55	60	65	77	84	66	79	87
PRINTING													
Blank forms, new orders ... thous. of sets	57,819	47,351	45,455	50,357	48,322	55,266	48,877	52,887	48,751	50,587	69,004	47,878	78,707
Book production:													
New books ... no. of titles	1,070	735	770	568	586	708	640	746	678	625			
New editions ... no. of titles	157	147	194	150	117	178	220	107	136	150			
Printing activity ... rel. to 1923		83	76	77	84	96	97	98	96	95	95	91	92
Sales books:													
New orders ... thous. of books	10,663	10,275	10,511	10,321	10,514	11,587	10,284	11,204	10,054	10,735	9,455	11,053	12,217
Shipments ... thous. of books	10,664	11,241	10,501	9,997	10,382	10,585	11,079	10,669	10,652	10,454	10,893	10,723	13,428
RUBBER AND RUBBER PRODUCTS													
Production index (Fed. Res. Bd.), auto tires and tubes ... rel. to 1923–25		79	90	112	126	123	107	98	94	88	73	77	88
Production index (elect. energy consumed) ... rel. to 1923–25	82.8	88.0	98.5	97.4	121.0	122.3	109.0	109.6	112.9	90.0	84.3	86.1	99.0
Stocks, end of month ... rel. to 1923–25	96.4	[2] 94.5	102.4	112.8	121.0	120.6	118.1	118.4	113.0	107.4	110.6	115.5	117.9
Crude Rubber													
Consumption, quarterly:													
Total ... long tons		[3] 76,941			[3] 99,135			[3] 82,480			[3] 66,258		
For tires ... long tons		[3] 61,283			[3] 83,894			[3] 68,593			[3] 52,284		
Imports (including latex) ... long tons	41,398	38,933	39,033	44,052	46,939	35,844	44,908	40,788	34,374	36,598	37,370	29,733	45,375
Prices, wholesale, smoked sheets, New York ... dolls. per lb	.050	.050	.054	.063	.063	.064	.064	.077	.076	.082	.089	.089	.084
Stocks, domestic, end of quarter:													
Afloat ... long tons		[3] 46,770			[3] 52,658			[3] 49,471			[3] 44,286		
Dealers ... long tons		[3] 43,525			[3] 43,711			[3] 49,613			[3] 58,804		
Manufacturers ... long tons		[3] 171,296			[3] 139,613			[3] 138,140			[3] 129,575		
Total, dealers and manufacturers ... long tons		[3] 214,821			[3] 183,324			[3] 187,753			[3] 188,379		
World shipments, plantation ... long tons		66,529	65,392	66,600	62,090	68,628	63,395	71,218	65,719	65,714	65,661	63,065	71,934
World stocks, end of month:													
Afloat ... long tons		84,644	84,156	90,768	86,867	93,379	78,159	88,959	86,469	82,687	81,479	80,236	84,435
Europe ... long tons		139,623	140,192	139,261	140,265	143,747	142,520	137,452	130,247	127,553	121,131	119,010	118,873
Producing countries ... long tons			42,775	43,364	43,760	41,176	42,806	45,782	43,958	43,154	36,118	37,564	36,046
United States ... long tons	275,750	258,352	244,627	235,746	225,346	219,405	224,211	215,523	210,611	207,085	201,000	190,617	186,069
World total ... long tons			511,750	509,139	496,238	497,707	487,696	487,716	471,285	460,479	439,728	427,427	425,423
Reclaimed rubber:													
Production ... long tons	8,818	8,955	9,402	10,596	13,082	12,535	12,338	12,032	10,110	9,728	9,469	10,117	10,620
Stocks ... long tons	14,273	13,781	13,732	14,176	14,804	14,431	14,685	14,700	15,102	16,373	17,526	17,525	15,862
Scrap rubber:													
Consumption by reclaimers ... long tons	6,338	6,967	7,778	8,929	10,175	10,220	9,161	9,769	8,424	8,582	6,759	7,053	8,579
Stocks at reclaimers, end of quarter ... long tons		[3] 60,406			[3] 59,103			[3] 57,198			[3] 59,464		
Tires and Tubes													
Pneumatic casings:													
Production ... thousands		2,538	3,125	3,941	4,538	4,543	3,955	3,730	3,188	2,940	2,251	2,123	2,866
Shipments—													
Domestic ... thousands		3,034	3,845	4,244	4,320	4,197	3,804	3,143	2,580	2,855	2,550	2,119	2,613
Exports ... thousands		111	123	125	137	135	142	155	142	140	139	148	186
Stocks, end of month ... thousands		6,527	7,117	7,936	8,358	8,250	8,025	8,012	7,629	7,166	7,203	7,676	7,842
Solid and cushion tires:													
Production ... thousands		10	12	13	12	11	12	11	11	13	13	13	18
Shipments—													
Domestic ... thousands		12	15	15	14	14	14	15	12	12	12	13	19
Exports ... thousands		1	1	1	1	1	1	1	1	1	1	1	1
Stocks, end of month ... thousands		46	51	55	57	61	64	69	73	75	76	76	78
Inner tubes:													
Production ... thousands		2,759	3,548	3,964	4,286	4,330	3,693	3,560	3,133	2,898	2,448	2,144	3,161
Shipments—													
Domestic ... thousands		3,247	4,158	4,569	4,228	4,135	3,610	2,922	2,619	3,147	2,634	2,147	2,659
Exports ... thousands		73	82	96	89	89	99	109	101	102	96	84	116
Stocks, end of month ... thousands		6,476	7,019	7,672	8,403	8,439	8,330	8,380	7,937	7,552	7,999	8,250	8,414
Raw material consumed:													
Fabrics ... thous. of lbs.		9,585	11,745	15,140	17,085	18,010	15,244	14,041	12,002	12,738	8,358	8,418	11,780
Crude rubber ... thous. of lbs.		29,854	36,232	46,697	51,280	53,418	45,016	41,851	36,651	36,319	25,537	26,253	36,097
Miscellaneous Rubber Products													
Calendered rubber clothing:													
Net orders ... no. coats and sundries	20,925	23,966	21,580	17,932	21,161	19,380	16,846	19,380	16,361	21,884	12,881	15,493	25,082
Production ... no. coats and sundries	19,773	22,728	27,080	14,431	15,419	18,094	16,803	19,220	18,276	13,059	20,791	22,623	41,291

[2] Revised.

[3] Quarter ended in month indicated.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931 October	September	August	July	June	May	April	March	February	January	1930 December	November	October
RUBBER—Continued													
Miscellaneous Rubber Products—Con.													
Mechanical rubber goods, shipments:													
Belting......thous. of dolls..		788	802	914	798	790	832	889	722	759	675	779	954
Hose......thous. of dolls..		1,041	1,161	1,436	1,650	1,857	2,129	1,892	1,611	1,440	1,237	1,276	1,554
All other......thous. of dolls..		1,186	1,393	1,356	1,431	1,584	1,656	1,631	1,378	1,400	1,326	1,345	1,678
Total......thous. of dolls..		3,015	3,356	3,706	3,879	4,231	4,617	4,412	3,711	3,599	3,338	3,400	4,186
Rubber bands, shipments......thous. of lbs..		201	195	246	209	215	259	231	222	211	165	165	197
Rubber flooring, shipments...thous. of sq. ft..	550	595	595	577	576	569	569	496	366	365	597	432	682
Rubber and canvas footwear:													
Tennis—													
Production......thous. of pairs..		1,012	1,021	836	1,999	2,142	2,591	2,609	2,492	2,409	1,875	1,940	1,821
Shipments, domestic..thous. of pairs..		1,263	1,223	1,520	2,657	[2] 3,316	[2] 4,049	[2] 3,107	[2] 2,688	[2] 2,377	871	319	562
Exports......thous. of pairs..		72	29	125	100	121	150	236	200	110	175	148	263
Stocks......thous. of pairs..		5,473	5,704	5,957	6,766	7,523	[2] 8,803	[2] 10,328	[2] 11,047	[2] 11,447	11,633	10,712	9,239
Waterproof, total—													
Production......thous. of pairs..		2,922	2,361	1,570	1,922	1,261	1,102	874	958	1,272	2,214	2,736	2,960
Shipments, domestic..thous. of pairs..		4,185	2,842	1,510	[2] 1,229	626	1,070	944	1,015	1,549	3,888	4,212	5,299
Exports......thous. of pairs..		186	151	117	108	50	72	53	92	74	63	135	287
Stocks......thous. of pairs..		15,141	16,366	16,978	[2] 17,024	16,357	15,733	15,803	16,030	16,179	17,172	18,449	20,654
Grand total—													
Production......thous. of pairs..		3,934	3,382	2,407	3,921	3,402	3,693	3,483	3,450	3,681	4,089	4,675	4,781
Shipments, domestic..thous. of pairs..		5,448	4,065	3,030	[2] 3,886	[2] 3,942	[2] 5,119	[2] 4,050	[2] 3,704	[2] 3,926	4,759	4,531	5,861
Exports......thous. of pairs..		258	180	242	208	171	222	288	292	184	237	282	550
Stocks......thous. of pairs..		20,615	22,070	22,935	[2] 23,789	23,881	[2] 24,566	[2] 26,130	[2] 27,077	[2] 27,627	28,806	29,160	29,293
Rubber heels:													
Production......thous. of pairs..		15,827	16,293	15,361	17,093	15,474	15,468	14,661	13,156	12,973	13,101	11,083	16,460
Shipments—													
Exports......thous. of pairs..		501	514	540	630	612	578	577	658	748	838	880	966
Repair trade......thous. of pairs..		6,994	5,355	4,058	4,946	3,975	4,638	4,868	4,854	3,939	3,450	4,473	8,291
Shoe manufacturers...thous. of pairs..		9,724	11,653	11,177	10,522	9,693	10,112	10,991	8,397	8,471	6,618	4,578	9,354
Stocks, end of month......thous. of pairs..		23,952	25,832	27,006	27,898	28,491	27,764	26,708	29,335	30,302	29,741	29,130	29,353
Rubber-proofed fabrics, production:													
Auto fabrics......thous. of yds..		528	596	531	701	982	710	738	644	577	476	532	915
Raincoat fabrics......thous. of yds..	2,476	2,988	2,226	1,843	1,355	1,066	1,040	863	567	738	697	1,426	3,040
All other......thous. of yds..	1,191	1,176	965	963	1,156	1,002	1,271	1,168	973	891	736	864	1,254
Total......thous. of yds..		4,692	3,787	3,337	3,212	3,050	3,381	2,769	2,184	2,206	1,909	2,822	5,209
Rubber soles:													
Production......thous. of pairs..		2,880	2,933	2,804	3,177	2,885	2,692	2,292	2,724	2,481	3,021	1,426	3,056
Shipments—													
Exports......thous. of pairs..		90	67	67	59	62	69	14	36	11	58	60	82
Repair trade......thous. of pairs..		290	234	196	225	330	255	408	290	237	243	280	492
Shoe manufacturers...thous. of pairs..		[2] 2,604	2,790	2,569	2,899	2,651	2,474	2,145	2,259	2,090	2,305	1,011	2,688
Stocks, end of month......thous. of pairs..		2,264	2,395	2,475	2,461	2,655	2,764	2,870	3,167	3,032	2,917	2,390	2,520
STONE, CLAY, AND GLASS													
New orders......rel. to 1923-25..	44.0	[2] 50.0	46.7	49.0	60.0	52.3	48.7	55.3	48.0	53.3	48.7	53.3	66.3
Production index (elect. energy consumed)......rel. to 1923-25..	113.4	113.9	105.9	104.8	118.7	132.0	116.5	105.1	102.6	75.3	100.6	106.2	106.3
Stocks, end of month......rel. to 1923-25..	141.9	[2] 150.9	143.9	154.5	164.2	174.9	175.5	179.4	173.4	165.0	166.0	152.9	149.6
Unfilled orders, end of month..rel. to 1923-25..	24.5	[2] 25.0	25.5	25.0	26.5	27.3	23.7	25.5	24.2	28.0	33.8	41.3	40.0
Brick													
Face brick (average per firm):													
Production......thousands..	422	434	425	540	540	549	533	395	338	310	494	543	748
Shipments......thousands..	479	454	477	521	574	569	579	522	369	303	305	536	767
Stocks, end of month......thousands..	3,516	3,577	3,602	3,660	3,652	3,684	3,698	3,734	3,836	3,856	3,823	3,677	3,662
Unfilled orders, end of month..thousands..	534	587	639	669	733	781	784	685	708	778	778	821	901
Sand-lime brick:													
Production......thousands..	6,521	6,943	5,989	5,518	6,664	5,084	3,999	4,869	4,140	3,718	6,053	7,126	7,925
Shipments by rail......thousands..	977	872	805	529	494	1,595	1,698	1,466	1,493	910	1,846	3,044	3,437
Shipments by truck......thousands..	4,657	4,922	5,506	5,424	5,758	4,375	3,330	3,743	3,306	3,367	4,277	4,659	6,169
Stocks, end of month......thousands..	12,347	10,866	10,698	10,199	8,975	10,724	11,119	12,566	12,545	11,594	12,070	12,730	12,260
Unfilled orders, end of month..thousands..	11,437	11,532	10,838	10,710	9,960	6,513	5,232	7,070	6,720	5,245	9,125	8,183	7,567
Glass Containers													
Net orders......thous. of gross..	1,779	1,820	1,859	2,102	2,465	2,119	1,952	2,250	2,342	2,634	1,894	2,221	[2] 2,347
Shipments......thous. of gross..	1,941	2,310	2,213	2,180	2,491	2,545	2,291	2,479	1,972	2,041	1,486	1,678	[2] 2,249
Stocks, end of month......thous. of gross..	5,709	5,536	5,930	5,887	6,086	6,003	6,078	5,974	6,307	6,696	7,022	6,814	[2] 6,302
Production:													
Total......thous. of gross..	2,128	1,948	2,239	2,268	2,565	2,481	2,404	2,166	1,777	1,776	1,698	1,915	[2] 2,408
Per cent of capacity......	64.2	62.0	68.6	69.5	75.9	73.4	71.4	64.4	57.2	52.8	50.5	59.1	[2] 71.3
Unfilled orders, end of month..thous. of gross..	6,713	6,860	7,591	8,268	8,625	9,127	9,735	10,340	10,913	10,761	9,628	9,484	[2] 8,950
Illuminating Glassware													
New orders......p. ct. of capacity..	26.6	26.3	24.8	24.3	29.3	27.3	28.6	32.4	27.0	30.7	26.5	30.5	34.5
Production:													
Total......no. of turns..	2,276	1,679	1,607	1,492	2,161	2,037	2,086	2,108	1,818	2,183	1,912	2,059	2,185
Per cent of capacity......	30.4	22.4	21.4	19.9	28.8	27.2	27.8	28.1	24.2	29.1	30.9	33.2	35.3
Shipments......p. ct. of capacity..	30.1	26.0	21.6	24.0	28.2	26.8	28.8	28.7	25.9	28.7	27.6	30.6	34.4
Stocks, end of month...no. of weeks' supply..	.4	.9	.9	3.9	4.1	4.1	4.1	4.1	4.2	1.1	5.1	4.9	4.7
Unfilled orders, end of month......no. of weeks' supply..	.8	.2	.2	.8	.9	.8	.8	.8	.7	.2	.7	.7	.8
Plate Glass													
Plate glass, polished, production......thous. of sq. ft..	4,532	4,611	6,088	7,216	7,554	9,466	10,174	10,593	8,882	7,321	4,941	7,103	8,583
Plumbing Fixtures													
Porcelain:													
Net new orders......number of pieces..	3,142	4,740	4,571	5,796	6,213	4,824	6,898	6,163	5,570	4,559	4,586	4,451	5,657
Shipments......number of pieces..	3,683	4,533	5,761	5,577	5,237	4,665	4,093	4,178	3,699	4,597	3,259	5,634	6,455
Stocks, end of month...number of pieces..	21,957	23,450	25,236	24,641	27,850	28,394	28,248	30,259	30,004	29,347	29,598	30,370	31,133
Unfilled orders, end of month......number of pieces..	5,887	7,104	7,697	10,476	10,804	11,387	32,541	31,497	30,526	29,863	30,400	29,869	31,309
Wholesale price, 6 pieces......dollars..	96.12	96.32	97.77	98.91	98.96	99.16	98.84	97.86	96.49	99.26	98.52	96.68	97.40
Vitreous china plumbing fixtures:													
New orders......pieces..	182,938	116,794	122,977	121,324	136,285	119,922	93,108	64,260	150,451	250,183	131,807	113,710	141,036
Shipments......pieces..	155,404	127,954	139,005	135,292	134,549	128,574	117,105	133,802	184,563	172,334	108,065	121,259	158,859
Stocks, end of month......pieces..	506,901	529,531	[2] 533,305	554,039	574,304	593,268	597,476	583,099	552,403	594,886	623,125	582,675	593,492
Unfilled orders, end of month......pieces..	188,969	161,435	172,595	188,623	202,591	200,855	209,507	233,504	303,046	337,158	259,309	235,567	243,116

[2] Revised.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
STONE, CLAY, AND GLASS—Continued													
Portland Cement													
Per cent of capacity	47.4	55.3	60.2	62.0	65.4	62.8	52.1	36.9	29.4	29.5	38.2	51.7	65.4
Prices, wholesale, composite...dolls. per bbl	1.318	1.331	1.331	1.331	1.364	1.399	1.422	1.477	1.543	1.586	1.591	1.599	1.611
Production...thous. of bbls	10,762	12,092	13,549	13,899	14,118	14,010	11,245	8,245	5,920	6,595	8,480	11,098	14,410
Shipments...thous. of bbls	12,360	13,671	15,172	15,545	16,077	14,200	11,184	7,192	5,074	4,692	5,688	8,784	15,599
Stocks, end of month...thous. of bbls	21,138	[2] 22,736	24,313	25,934	27,602	29,554	29,715	29,676	28,612	27,759	25,883	23,056	20,697
Stocks, clinker, end of month...thous. of bbls	6,098	[2] 6,918	8,468	10,209	11,837	13,087	13,854	13,318	11,946	10,384	8,809	7,758	7,266
Terra Cotta													
Terra cotta, new orders:													
Quantity...net tons	1,997	[2] 4,290	3,955	5,117	7,547	4,189	2,598	3,138	3,226	3,231	3,799	3,373	5,930
Value...thous. of dolls	194	[2] 356	361	480	719	412	291	315	335	324	350	329	556
Tile													
Floor and wall tile:													
Production...thous. of sq. ft	....	3,690	[2] 4,145	4,346	4,120	4,090	3,861	3,535	2,656	2,866	3,342	3,134	4,135
Shipments—													
Quantity...thous. of sq. ft	....	3,587	3,542	4,308	4,316	3,998	3,744	2,923	3,656	2,541	2,937	3,791	4,572
Stocks, end of month...thous. of sq. ft	....	15,261	15,158	14,556	14,513	14,715	14,623	14,506	13,895	14,895	14,570	14,166	14,823
TEXTILES													
New orders...rel. to 1923-25	101.2	99.0	89.5	86.7	90.9	96.6	96.8	101.0	91.4	86.7	61.4	73.9	90.9
Prices, wholesale...rel. to 1926	61.5	62.9	64.2	65.4	65.4	66.3	67.6	69.2	70.4	71.0	72.4	73.3	73.8
Production index (Fed. Res. Bd.)...rel. to 1923-25	93	[2] 100	100	102	97	98	98	97	93	86	87	93	91
Production index (elect. energy consumed)...rel. to 1923-25	98.2	98.7	95.0	98.2	100.5	103.7	100.0	97.3	99.3	86.4	89.8	87.0	85.4
Stocks, manufactured goods, end of month...rel. to 1923-25	86.8	[2] 86.5	90.3	88.9	90.8	90.7	93.4	94.1	92.4	100.0	109.2	97.3	96.8
Stocks, raw materials, end of month...rel. to 1923-25	250.2	169.8	133.2	133.5	148.9	161.2	176.8	196.3	212.2	229.9	241.8	237.6	214.7
Unfilled orders, end of month...rel. to 1923-25	34.9	[2] 36.5	[2] 42.2	[2] 41.9	[2] 44.7	[2] 46.5	[2] 46.4	[2] 46.5	[2] 44.8	38.9	34.3	37.3	36.2
Burlaps and Fibers													
Imports:													
Burlaps...thous. of lbs	....	37,504	45,618	35,604	42,942	37,732	30,481	34,945	42,176	35,062	44,591	36,656	37,940
Fibers...long tons	....	17,118	18,277	21,993	18,622	14,102	21,719	19,574	21,326	19,162	20,429	14,681	17,958
Clothing													
Hosiery:													
New orders...thous. of doz. pairs	5,058	4,716	4,278	4,279	4,654	5,029	4,808	4,919	4,534	4,297	....	....	....
Net shipments...thous. of doz. pairs	5,115	4,941	4,540	3,777	4,561	4,772	4,925	4,982	4,360	3,898	....	....	....
Production...thous. of doz. pairs	4,743	4,521	4,188	4,069	4,572	4,719	4,627	4,486	4,199	4,134	....	....	....
Stocks, end of month...thous. of doz. pairs	9,408	9,730	9,869	10,177	9,990	9,864	9,914	10,120	10,579	10,704	....	....	....
Unfilled orders, end of month...thous. of doz. pairs	2,637	2,814	3,129	3,511	3,200	3,225	3,042	3,260	3,420	3,355	....	....	....
Knit underwear:													
Net shipments...thous. of doz. garments	....	1,402	1,195	1,008	1,050	....	....	....	....	....	....	....	....
New orders...thous. of doz. garments	....	984	967	1,077	1,169	....	....	....	....	....	....	....	....
Production...thous. of doz. garments	....	1,027	1,017	1,015	1,088	....	....	....	....	....	....	....	....
Stocks, end of month...thous. of doz. garments	....	1,226	1,562	1,509	1,488	....	....	....	....	....	....	....	....
Unfilled orders, end of month...thous. of doz. garments	....	1,201	1,631	1,869	1,865	....	....	....	....	....	....	....	....
Men's and boys' garments cut:													
Overcoats...thous. of garments	....	639	573	464	299	132	191	303	251	160	159	444	555
Separate trousers...thous. of garments	....	2,363	2,436	2,187	2,336	2,157	2,017	1,845	1,708	1,580	1,232	1,183	2,103
Suits...thous. of garments	....	1,662	1,926	1,849	1,702	1,749	1,878	2,370	2,028	1,714	1,222	1,100	1,654
Overalls:													
Cut...thous. of doz. garments	....	....	....	....	....	....	....	....	234	222	161	207	279
Net shipments...thous. of doz. garments	....	....	....	....	....	....	....	....	223	218	137	191	249
Unfilled orders, end of month...thous. of doz. garments	....	....	....	....	....	....	....	....	41	36	42	36	51
Cotton													
Consumption by textile mills...bales	462,025	463,704	425,819	450,884	453,901	465,363	508,091	490,509	433,376	405,117	405,518	415,315	443,284
Consumption by textile mills...rel. to 1923-25	90.0	90.4	83.0	87.9	88.4	90.7	99.1	95.6	84.4	87.7	79.0	80.9	86.4
Exports, unmanufactured:													
Exclusive of linters...thous. of bales	1,014	558	211	259	255	336	392	605	433	533	766	908	1,004
Total...thous. of dolls	39,838	23,457	9,898	13,525	13,517	18,928	22,948	35,961	25,402	31,198	47,230	59,307	64,831
Ginnings...thous. of bales	12,130	5,408	565	7	....	....	....	13,756	....	13,593	13,258	12,837	[2] 10,864
Imports, unmanufactured...bales	2,636	5,426	7,236	9,305	14,134	15,189	17,258	10,266	11,165	11,299	4,461	3,410	1,747
Machinery, activity of spindles:													
Activity spindles...thousands	25,188	25,237	25,623	25,826	25,898	26,379	26,669	26,504	25,798	25,628	25,550	25,797	25,721
Activity per spindle...hours	203	201	190	200	202	204	216	211	184	191	176	173	184
Total activity...mill. of hours	6,595	6,540	6,193	6,528	6,630	6,733	7,125	7,000	6,122	6,365	5,924	5,825	6,243
Per cent of capacity...per cent	85.1	88.1	81.8	86.0	86.8	89.6	94.1	91.0	87.3	80.7	75.9	79.7	77.0
Prices:													
To producer...dolls. per lb	.053	.059	.063	.085	.077	.088	.093	.096	.091	.086	.087	.096	.092
In New York, middling...dolls. per lb	.064	.065	.072	.093	.090	.093	.102	[2] .109	.110	.102	.101	.110	.107
Production, crop estimate...thous. of bales	[4] 16,903	....	....	....	....	....	....	....	....	....	[5] 14,243	....	....
Receipts into sight...thous. of bales	4,082	1,623	333	277	103	341	358	447	513	729	1,627	2,749	3,670
Stocks, domestic, end of month:													
Mills...thous. of bales	1,116	776	840	996	1,131	1,258	1,371	1,478	1,550	1,618	1,656	1,564	1,355
Warehouses...thous. of bales	9,450	6,297	4,426	4,524	4,971	5,490	6,033	6,658	7,314	7,939	8,376	8,398	7,474
Total, mills and warehouses...thous. of bales	10,566	7,072	5,266	5,520	6,102	6,748	7,404	8,136	8,864	9,557	10,031	9,962	8,829
Total, mills and warehouses...rel. to 1923-25	281.0	188.1	140.1	146.8	162.3	179.5	196.9	216.4	235.8	254.2	266.8	264.9	234.8
Stocks, world visible, end of month:													
American...thous. of bales	7,299	5,275	4,498	4,775	5,236	5,861	6,302	6,826	7,381	7,576	7,841	7,676	6,617
Total...thous. of bales	9,184	7,113	6,435	6,899	7,572	8,346	8,883	9,332	9,958	9,897	9,897	9,437	8,413
Cotton Finishing													
Printed only (mills and outside):													
Production...thous. of yds	63,014	70,138	65,983	56,153	57,412	67,704	86,612	87,318	76,847	68,380	70,301	62,005	69,764
Stocks, end of month...thous. of yds	78,027	76,245	71,615	74,662	77,335	74,436	72,973	65,145	64,546	65,704	68,420	68,817	65,876

[2] Revised. [4] As of Nov. 1. [5] Final estimate for 1930.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
TEXTILES—Continued													
Cotton Finishing—Continued													
White, dyed, and printed (outside mills):													
Billings, finished goods.....thous. of yds..	48,237	49,252	44,982	45,831	51,577	52,537	60,590	61,803	50,166	43,642	47,566	40,249	53,003
New orders, gray yardage..thous. of yds..	44,515	45,782	44,372	45,233	41,119	45,937	50,394	57,872	49,679	46,370	39,749	38,541	47,133
Per cent of capacity.............per cent..	48	49	48	47	45	51	52	58	56	47	40	44	48
Shipments, finished goods..........cases..	26,811	27,207	24,483	24,916	27,221	30,109	31,176	35,334	30,593	29,031	23,888	23,743	29,260
Stocks, finished goods, end of month..........................cases..	18,321	17,467	18,095	16,404	16,433	17,141	16,677	17,641	17,071	20,134	23,593	21,803	22,392
Unfilled orders, end of month.......days..	1.5	1.6	1.7	1.5	1.5	1.9	2.7	2.7	2.6	2.6	2.6	2.5	2.1
Abrasive cloth. (See paper products.)													
Cotton Goods													
Cotton cloth:													
Imports...............thous. of sq. yds..	1,958	2,185	1,692	4,326	3,937	3,920	2,810	2,530	2,148	2,641	1,658	1,763	1,976
Exports...............thous. of sq. yds..	29,897	25,599	30,309	35,272	34,370	30,961	30,776	33,392	25,138	31,488	29,388	29,273	34,804
Cotton textiles:*													
New orders...............thous. of yds..	333,679	287,708	167,555	158,353	355,902	160,029	137,749	295,334	326,691	239,106	182,656	183,067	335,801
Production...............thous. of yds..	227,116	272,118	209,050	192,545	260,163	225,392	225,955	271,638	212,168	202,149	234,052	206,633	228,866
Shipments...............thous. of yds..	216,207	278,049	227,644	211,331	273,871	205,603	217,582	317,185	248,354	210,597	226,951	200,661	270,383
Stocks, end of month.......thous. of yds..	255,833	244,924	250,855	269,449	288,235	301,943	282,154	273,781	319,328	355,514	363,962	356,861	350,589
Unfilled orders, end of month..................thous. of yds..	344,639	227,167	217,508	277,597	330,575	248,544	294,118	373,951	395,802	317,465	288,956	333,251	350,845
Elastic webbing, shipments...thous. of dolls..	969	1,031	969	1,015	1,018	1,124	1,199	1,363	1,180	1,041	921	1,000	1,356
Fabric for tire manufacture, consumption..................thous. of lbs..	....	9,585	11,745	15,140	17,085	18,010	15,244	14,041	12,002	12,738	8,358	8,418	11,750
Prices:													
Print cloth 64 x 60..........dolls. per yd..	.038	.041	.043	.049	.048	.050	.053	.055	.053	.052	.053	.057	.055
Sheeting, brown............dolls. per yd..	.046	.050	.052	.056	.054	.058	.059	.059	.065	.062	.065	.066	.066
Cotton goods (Fairchild)..rel. to 1911-13..	....	95	100	111	112	115	119	121	119	120	122	124	124
Cotton Yarn													
Carded sales yarn:													
Production..................thous. of lbs..	14,703	10,858	10,295	11,800	10,067	13,377	11,081	11,536	10,968	12,665	9,582	11,787	15,494
Stocks, end of month.......thous. of lbs..	9,461	9,382	10,023	10,181	11,195	11,212	12,240	12,537	13,420	13,795	13,531	12,548	12,548
Unfilled orders, end of month ....thous. of lbs..	32,943	29,819	31,351	32,951	34,017	34,914	38,825	40,979	42,407	39,963	38,920	38,926	37,854
Prices:													
22/1 cones, Boston...........dolls. per lb..	.189	.201	.212	.225	.215	.223	.231	.240	.239	.248	.247	.254	.235
40/1s southern spinning......dolls. per lb..	.315	.326	.336	.352	.352	.353	.369	.382	.390	.390	.390	.405	.413
Floor Covering													
Felt base:													
New orders............thous. of sq. yds..	....	6,432	5,626	4,810	13,662	11,368	9,215	7,901	6,850	7,925	6,621	....	....
Production............thous. of sq. yds..	....	6,463	8,228	9,012	10,389	6,960	6,400	6,757	6,387	5,076	5,261	....	....
Shipments.............thous. of sq. yds..	....	7,944	5,621	5,577	13,383	10,169	8,575	8,239	7,043	7,295	5,749	....	....
Linoleum:													
New orders............thous. of sq. yds..	....	1,725	1,619	1,471	2,257	1,932	2,002	2,459	2,837	2,048	2,278	....	....
Production............thous. of sq. yds..	....	1,792	1,605	1,826	1,817	1,845	1,901	1,945	1,303	1,364	1,285	....	....
Shipments.............thous. of sq. yds..	....	1,627	1,492	1,496	2,306	1,912	2,112	2,375	2,602	2,173	1,697	....	....
Fur													
Sales by dealers..............thous. of dolls..	....	6,609	5,465	6,033	4,474	5,324	5,615	6,693	6,049	4,496	3,048	4,520	5,787
Pyroxylin-Coated Textiles													
Pyroxylin spread..............thous. of lbs..	2,333	2,822	2,667	[2] 2,621	4,001	4,060	4,273	4,081	3,044	2,565	2,353	2,417	2,877
Shipments billed........thous. of linear yds..	2,184	2,419	2,412	2,375	2,815	3,186	3,301	3,394	2,724	2,333	2,126	2,075	2,711
Unfilled orders end of month...............thous. of linear yds..	2,180	2,400	2,751	2,615	2,656	2,810	2,962	3,358	3,058	2,735	2,031	2,424	2,472
Rayon													
Imports......................thous. of lbs..	107	239	299	276	202	225	295	439	274	154	0	216	101
Price, 150 denier, "A" grade, New York...................dolls. per lb..	.75	.75	.75	.75	.75	.75	.75	.75	.75	.75	.95	.95	.95
Silk													
Deliveries (consumption)...............bales..	56,668	53,819	46,454	44,746	42,161	45,073	41,356	55,383	54,242	55,910	55,424	57,333	61,937
Imports, raw.....................thous. of lbs..	9,524	7 331	7,167	6,724	6,409	6,520	4,823	7,725	7,318	7,405	9,877	7,000	8,940
Prices:													
Raw, Japanese 13-15, New York.....................dolls. per lb..	2.266	2.315	2.512	2.304	2.463	2.266	2.266	2.561	2.709	2.807	2.709	2.463	2.512
Silk goods, composite.......dolls. per yd..	....	.98	.98	.98	.99	.99	.99	.99	1.00	1.02	1.02	1.02	1.02
Silk machinery activity:													
Broad looms..............p. ct. of normal..	93.0	90.5	79.4	76.4	75.6	76.3	90.9	93.8	96.5	94.0	94.0	96.5	88.2
Narrow looms.............p. ct. of normal..	38.0	48.3	38.2	35.3	43.9	42.5	44.6	44.2	51.7	39.2	35.8	60.8	38.2
Spinning spindles........p. ct. of normal..	56.4	53.4	48.7	44.6	42.8	49.5	51.8	58.6	58.9	55.2	65.8	75.1	70.2
Stocks, end of month:													
At warehouses......................bales..	49,921	36,099	41,878	29,921	37,352	32,688	35,497	47,407	45,399	51,814	58,430	49,238	51,278
At manufacturing plants............bales..	23,176	20,044	21,122	16,990	18,706	18,206	20,425	22,231	23,124	23,588	24,242	24,929	22,954
Wool													
Consumption at textile mills, grease equivalent..............thous. of lbs..	42,990	47,548	51,140	53,886	45,805	52,199	47,710	40,373	38,420	33,856	30,007	31,237	40,975
Consumption at textile mills...rel. to 1923-25..	90.7	100.4	107.9	113.7	96.7	110.2	100.7	85.2	81.1	71.5	63.3	65.9	86.5
Imports:													
In condition, imported......thous. of lbs..	13,463	11,677	9,679	12,987	16,868	14,168	21,258	15,348	11,687	13,767	10,920	8,546	8,994
Machinery activity, hourly:													
Combs............p. ct. of hours active..	74	109	115	115	107	97	82	76	75	67	67	65	74
Looms—													
Carpet and rugs.p. ct. of hours active..	38	40	38	38	40	46	44	44	39	29	29	38	38
Narrow.........p. ct. of hours active..	39	44	45	43	46	45	42	34	30	28	26	37	41
Wide...........p. ct. of hours active..	49	63	70	64	61	58	54	59	59	49	46	47	47
Set of cards.........p. ct. of hours active..	53	61	65	64	60	60	57	66	60	47	43	50	54
Spinning spindles—													
Woolen.........p. ct. of hours active..	53	63	66	64	61	60	55	57	66	48	45	52	53
Worsted........p. ct. of hours active..	49	70	78	83	73	66	57	57	54	52	52	52	62

[2] Revised.

* Months of March, June, and September, 1931, and August, 1930, contain 5 weeks, other months 4 weeks.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
TEXTILES—Continued													
Wool—Continued													
Prices:													
Raw, territory, fine, scoured..dolls. per lb..	.58	.62	.63	.62	.62	.63	.65	.66	.66	.68	.72	.72	.75
Raw, Ohio and Penn. fleeces, ¼ blood, combing, grease..dolls. per lb..	.21	.22	.23	.21	.20	.20	.22	.22	.23	.26	.27	.29	.30
Suiting, 13-oz..dolls. per lb..	1.400	1.400	1.420	1.494	1.494	1.494	1.494	1.543	1.601	1.601	1.601	1.601	1.601
Women's dress goods, French serge, 54-in. at factory..dolls. per yd..	.925	.925	.925	.925	.925	.925	.963	1.050	1.050	1.050	1.050	1.050	1.093
Worsted yarns..dolls. per lb..	.950	.950	1.00	1.00	1.00	1.00	1.00	1.00	1.10	1.10	1.17	1.20	1.20
Receipts at Boston:													
Domestic..thous. of lbs..	6,567	16,595	34,445	76,046	53,779	26,151	10,376	8,215	6,741	3,363	7,574	4,576	10,494
Foreign..thous. of lbs..	3,061	2,112	2,405	3,335	2,964	4,190	7,399	5,064	6,528	7,432	4,000	1,664	2,245
Total..thous. of lbs..	9,628	18,707	36,850	79,381	56,743	30,341	17,775	13,279	13,269	10,795	11,574	6,240	12,739
TOBACCO													
Unmanufactured:													
Production, crop estimate..mills. of lbs..	[4] 1,648										[5] 1,641		
Exports, leaf..thous. of lbs..	49,170	44,826	23,113	20,574	38,737	48,911	45,006	39,908	46,879	50,440	62,148	57,964	78,262
Stocks—													
Chewing, smoking, snuff, and export types, quarterly..mills. of lbs..		[3] 1,419			[3] 1,453			[3] 1,698			[3] 1,492		
Cigar types, quarterly..thous. of lbs..		[3] 341,905			[3] 370,142			[3] 354,184			[3] 277,850		
Total, including imported types, quarterly..mills. of lbs..		[3] 1,841			[3] 1,915			[3] 2,151			[3] 1,853		
Manufactured products:													
Consumption (tax-paid withdrawals)—													
Large cigars..thousands..	534,371	449,330	463,256	478,901	517,514	467,300	459,982	440,472	362,839	362,939	349,635	528,128	623,861
Small cigarettes..millions..	8,956	9,695	9,520	10,700	11,508	10,448	9,471	9,802	8,836	9,368	8,675	7,952	10,947
Manufactured tobacco and snuff..thous. of lbs..	34,130	33,278	31,558	30,661	31,086	30,780	30,781	31,049	29,562	31,697	25,815	25,976	33,026
Manufacturing operations..rel. to 1923–25..	112	118	118	122	133	137	134	131	132	121	128	119	129
Exports, cigarettes..thousands..	191,385	257,854	254,049	243,233	244,201	250,858	241,703	324,808	256,706	229,697	338,808	251,507	318,771
MISCELLANEOUS PRODUCTION													
Buttons													
Fresh-water pearl buttons:													
Production, ratio to capacity..per cent..	43.9	42.9	45.0	31.3	45.0	44.7	45.2	47.5	44.6	35.5	40.6	42.0	[2] 39.5
Stocks, end of month..thous. of gross..	8,640	8,583	8,689	8,803	9,252	9,224	9,408	9,518	9,807	10,154	8,842	8,756	[2] 8,807
Imports:													
Buttons—													
Product of Philippines..thous. of gross..	50	62	95	68	118	61	55	94	59	59	82	65	72
All other..thous. of gross..	11	5	6	10	446	11	2	2	3	4	9	9	5
Shells—													
Mother-of-pearl..thous. of lbs..	445	451	399	256	202	272	395	289	273	475	896	402	354
All other..thous. of lbs..	479	83	467	134	527	43	48	95	369	22	15	458	386
Tagua nuts..thous. of lbs..	20,025	2,014	1,527	2,025	1,999	901	1,720	592	1,329	270	858	331	1,204
FUELS													
Coal													
Anthracite:													
Exports..thous. of long tons..	157	121	101	110	146	148	120	79	150	207	178	182	253
Prices—													
Retail, composite, chestnut..dolls. per short ton..	14.97	14.93	14.73	14.59	14.31	14.19	14.39	14.85	14.85	14.88	14.89	14.90	14.87
Wholesale, composite chestnut..dolls. per long ton..	13.083	13.083	12.796	12.614	12.413	12.270	12.202	12.608	12.732	12.732	12.751	12.751	12.762
Production..thous. of short tons..	6,551	4,358	4,314	3,954	4,544	5,065	5,700	4,745	5,391	6,157	6,086	5,207	[2] 7,443
Stocks, end of month, in yards of dealers..no. of days' supply..		75		75	60		45	21		31	43		47
Bituminous:													
Consumption—													
By coke plants—													
Canada..thous. of short tons..		179	186	193	213	229	230	247	235	236	246	249	249
United States..thous. of short tons..	3,616	3,459	3,634	3,795	4,027	4,629	4,682	4,902	4,408	4,686	4,737	4,820	[2] 5,215
By electric power plants..thous. of short tons..	3,426	3,281	[2] 3,233	[2] 3,168	2,954	2,953	2,963	3,410	3,286	3,688	3,837	3,670	3,944
By railroads..thous. of short tons..		5,268	5,419	5,463	5,314	5,821	5,885	6,414	5,810	6,598	6,622	6,642	7,124
By vessels clearing ports..thous. of long tons..	183	163	165	186	209	195	168	136	141	187	201	204	230
Exports..thous. of long tons..	1,078	1,163	1,217	1,087	994	926	671	665	645	700	803	1,287	1,317
Prices—													
Mine average (spot)..dolls. per short ton..		1.62	1.58	1.58	1.56	1.60	1.64	1.69	1.77	1.77	1.77	1.78	1.81
Prepared sizes (composite)..dolls. per net ton..	3.954	3.954	3.907	3.856	3.810	3.838	3.845	4.001	4.223	4.268	4.317	4.336	4.342
Retail, composite..dolls. per short ton..	8.22	8.17	8.11	8.09	8.00	8.04	8.46	8.71	8.83	8.87	8.94	8.94	8.88
Wholesale, composite..dolls. per short ton..	3.703	3.705	3.704	3.706	3.692	3.723	3.760	3.791	3.814	3.829	3.898	3.906	3.893
Production—													
Canada..thous. of short tons..		1,005	760	826	888	902	886	1,028	963	1,164	1,275	1,315	1,630
United States..thous. of short tons..	35,700	31,919	30,534	29,790	29,185	28,314	28,478	33,870	31,408	38,542	39,716	38,122	41,150
Production index..rel. to 1923–25..	71	70	70	74	74	75	77	76	73	77	85	86	87
Stocks, end of month, held by consumers..thous. of short tons..		34,500		30,900	30,100		26,900	29,500		34,200	37,200		36,800
Coke													
Exports..thous. of long tons..	50	52	87	50	45	86	43	54	67	71	70	65	83
Price, furnace, Connellsville..dolls. per short ton..	2.45	2.45	2.45	2.45	2.45	2.48	2.50	2.50	2.53	2.55	2.55	2.58	2.60
Production:													
Canada..thous. of short tons..		126	132	139	155	169	169	179	165	171	181	185	185
United States—													
Beehive..thous. of short tons..	105	78	70	76	87	94	109	149	163	163	170	166	[2] 176
By-product..thous. of short tons..	2,389	2,310	2,443	2,569	2,715	3,126	3,146	3,256	2,898	3,092	3,055	3,114	3,408
Petroleum													
Asphalt:													
Imports..thous. of short tons..	1	12	14	4	10	9	7	7	3	0	3	3	6
Production..thous. of short tons..		326	312	314	315	304	248	190	166	147	168	217	312
Stocks, end of month..thous. of short tons..		340	332	349	393	380	360	354	332	295	308	295	267

[2] Revised. [3] Quarter ended in month indicated. [4] As of Nov. 1. [5] Final estimate for 1930.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
FUELS—Continued													
Petroleum—Continued													
Coke:													
Production .... thous. of short tons		180	178	173	180	178	168	170	151	159	166	158	177
Stocks, end of month .... thous. of short tons		1,516	1,451	1,391	1,315	1,250	1,158	1,089	1,053	1,032	1,069	1,097	1,080
Crude petroleum:													
Consumption (run to stills) .... thous. of bbls		75,094	80,672	79,758	76,237	78,521	74,706	73,596	65,249	70,026	71,581	70,310	74,016
Imports .... thous. of bbls		3,426	2,702	3,588	3,978	4,512	4,162	3,715	4,789	4,353	4,727	4,467	5,061
Oil wells completed .... number		445	441	599	603	498	519	383	450	487	540	657	866
Price, Kansas-Oklahoma .... dolls. per bbl	.560	.560	.434	.238	.300	.530	.530	.594	.850	.850	.850	.850	1.098
Production .... thous. of bbls		63,636	68,418	77,961	75,116	77,164	73,101	69,397	60,645	65,991	66,972	67,957	72,893
Production index .... rel. to 1923-25	119	²102	107	122	122	122	121	112	110	110	111	114	115
Refinery operations .... p. ct. of capacity		66	69	63	67	67	67	64	63	61	63	64	65
Refinery operations index .. rel. to 1923-25		161	165	162	161	163	161	152	149	144	149	151	160
Stocks, end of month—													
California—													
Heavy .... thous. of bbls		96,967	97,809	98,098	99,015	100,011	100,578	100,531	101,442	102,368	103,421	103,253	102,530
Light .... thous. of bbls		40,406	²40,495	39,621	40,043	40,805	40,840	41,016	40,651	40,389	40,325	40,472	40,338
East of California—													
Refineries .... thous. of bbls		38,358	39,021	41,007	41,734	41,819	41,413	40,786	42,027	41,785	41,136	43,457	46,032
Tank farms and pipe lines .... thous. of bbls		284,840	294,831	305,009	305,876	306,287	308,752	310,377	313,310	317,854	320,740	323,151	323,213
Total .... thous. of bbls		323,198	333,852	346,016	347,610	348,106	350,165	351,163	355,337	359,639	361,876	366,608	369,245
Mexico—													
Production .... thous. of bbls		2,628	2,841	3,129	2,960	3,080	2,761	2,819	2,564	2,890	2,922	2,895	3,147
Exports .... thous. of bbls		1,864	1,488	2,183	2,716	2,808	2,392	1,528	1,463	1,263	1,690	1,895	2,093
Venezuela—													
Exports .... thous. of bbls		9,420	9,274	9,401	8,561	9,049	8,586	10,362	9,516	10,877	10,704	11,134	12,208
Production .... thous. of bbls		9,412	9,796	9,913	9,181	9,515	9,263	10,283	9,486	10,384	10,492	10,911	11,785
Gas and fuel oils:													
Consumption—													
By electric power plants .. thous. of bbls	702	691	²726	²712	622	541	552	643	637	800	845	790	902
By railroads .... thous. of bbls		3,236	3,286	3,567	3,440	3,606	3,536	3,644	3,181	3,599	3,705	3,806	4,355
By vessels .... thous. of bbls	3,643	3,095	3,442	3,839	4,053	4,286	4,043	3,667	3,622	3,544	3,868	3,794	4,463
Price, Oklahoma 24-26, refineries .... dolls. per bbl	.338	.319	.280	.294	.385	.463	.488	.510	.588	.600	.610	.650	.594
Production .... thous. of bbls		28,749	30,292	29,488	29,512	29,949	30,073	30,754	26,536	29,174	29,704	29,054	29,809
Stocks at refineries at end of month .... thous. of bbls		45,239	²44,551	41,416	38,581	36,579	33,854	32,105	32,159	33,977	37,007	40,427	41,293
Gasoline:													
Consumption .... thous. of bbls		36,742	39,459	39,459	38,375	35,716	33,400	31,037	26,133	26,844	29,213	30,882	32,000
Exports .... thous. of bbls	3,325	3,074	4,036	4,166	3,093	4,792	3,988	2,841	3,586	²4,662	²4,225	²3,549	²6,133
Exports .... thous. of dolls	7,180	7,178	8,758	9,007	7,234	12,540	10,705	8,426	10,604	13,765	13,728	12,387	21,816
Prices, wholesale, New York .. dolls per gal	.143	.143	.133	.133	.133	.133	.133	.133	.138	.135	.141	.141	.143
Prices, retail, filling station, 50 cities .... dolls. per gal					.125	.122	.124	.137	.149	.148	.146	.150	.154
Production—													
Natural gas (at plants) .. thous. of bbls		3,062	3,179	3,521	3,521	3,814	3,824	4,048	3,631	4,140	4,271	4,317	4,405
Raw (at refineries) .... thous. of bbls		37,469	39,283	38,440	37,024	39,019	36,601	35,246	31,328	32,708	34,472	33,572	37,223
Retail distribution—41 States .. mills. of gals							962	874	777	835	890	929	1,022
Stock, end of month—													
Natural gas (at plant) .. thous. of bbls		614	722	855	860	996	1,006	884	692	606	578	596	559
Raw (at refineries) .... thous. of bbls		35,033	²36,405	40,332	44,296	47,948	48,587	48,225	45,355	42,818	40,541	38,705	38,624
Kerosene:													
Consumption .... thous. of bbls		2,341	2,678	2,114	2,104	2,395	2,804	2,691	2,272	2,596	2,786	2,841	2,599
Exports .... thous. of bbls	1,267	1,057	1,131	1,214	720	1,145	753	1,151	974	1,275	1,310	970	1,373
Price, 150° water white .... dolls. per gal	.039	.039	.038	.038	.042	.045	.048	.051	.053	.054	.054	.053	.054
Production .... thous. of bbls		3,259	3,685	3,696	3,404	3,389	3,397	3,676	3,171	3,560	3,575	3,590	3,876
Stocks at refineries, end of month .... thous. of bbls		6,558	6,734	6,869	6,521	5,960	6,129	6,300	6,477	6,555	6,883	7,379	7,633
Lubricating oil:													
Consumption .... thous. of bbls		1,549	1,753	1,969	1,615	1,865	1,850	1,950	1,583	1,715	1,459	1,573	1,569
Price cylinder oil .... dolls. per gal							.145	.145	.146	.165	.172	.184	.186
Production .... thous. of bbls		2,143	2,306	2,337	2,088	2,264	2,316	2,293	2,036	2,441	2,509	2,409	2,546
Stocks at refineries, end of month .... thous. of bbls		9,224	9,289	9,597	9,763	10,119	10,463	10,710	10,911	11,013	10,971	10,536	10,502
Wax:													
Production .... thous. of lbs		42,000	37,520	37,800	34,160	35,840	33,040	37,520	38,640	42,560	36,120	35,840	38,080
Stocks, end of month .... thous. of lbs		191,158	192,198	198,407	200,836	205,803	205,105	208,620	229,414	233,044	232,592	237,027	240,060
DISTRIBUTION MOVEMENT													
Advertising													
Magazine advertising .... thous. of lines	1,911	1,603	1,316	1,613	2,191	2,375	2,421	2,203	1,692	1,585	2,265	2,488	²2,527
Magazine advertising, total cost .... thous. of dolls	14,234	11,967	10,008	12,314	16,692	16,959	17,173	16,002	15,307	10,820	15,352	17,359	17,759
Automotive industry .... thous. of dolls	1,469	1,204	1,304	1,393	1,886	1,886	1,632	1,418	1,801	1,001	1,505	1,536	1,532
Building materials .... thous. of dolls	631	397	295	515	682	742	749	651	519	338	446	823	924
Cigars, cigarettes and tobacco .. thous. of dolls	619	547	428	422	486	478	542	507	519	536	719	717	631
Clothing and dry goods .... thous. of dolls	445	354	180	531	481	412	494	436	216	270	396	554	557
Confectionery .... thous. of dolls	325	328	378	426	553	387	301	304	302	292	336	382	327
Drugs and toilet goods .... thous. of dolls	2,665	2,277	2,210	2,658	3,220	3,417	3,552	2,421	3,194	1,687	2,510	3,105	2,865
Financial .... thous. of dolls	237	187	180	253	294	274	319	294	267	255	367	322	310
Foods .... thous. of dolls	2,634	2,001	1,805	1,904	2,408	2,418	2,665	3,093	3,200	1,908	2,301	2,912	2,994
Garden .... thous. of dolls	42	41	28	59	121	196	210	266	222	119	19	60	65
House furnishings .... thous. of dolls	1,231	842	453	630	1,324	1,462	1,536	1,269	967	619	1,216	1,430	1,675
Jewelry .... thous. of dolls	246	90	77	159	391	303	168	123	103	292	479	501	426
Machinery .... thous. of dolls	91	50	55	102	190	157	191	160	191	151	211	229	243
Office equipment .... thous. of dolls	167	98	88	170	252	246	216	198	181	210	274	223	297
Paints and hardware .... thous. of dolls	123	88	45	88	183	216	232	111	79	64	88	163	265
Petroleum products .... thous. of dolls	374	463	422	445	526	458	471	348	384	282	430	471	502
Radios .... thous. of dolls	313	174	114	141	128	116	209	246	348	422	759	713	774
Schools .... thous. of dolls	232	305	317	291	315	294	274	276	363	311	239	273	304
Shoes .... thous. of dolls	149	95	41	98	208	209	206	168	95	169	275	288	298
Soaps and housekeepers' supplies .... thous. of dolls	889	963	683	782	1,091	1,260	1,246	1,101	849	471	577	872	924
Sporting goods .... thous. of dolls	117	201	245	334	522	438	309	166	131	252	231	158	198
Stationery and books .... thous. of dolls	434	241	160	180	366	345	380	354	360	406	635	567	623
Travel and amusement .... thous. of dolls	231	171	172	320	614	711	769	577	480	362	815	616	461
Miscellaneous .... thous. of dolls	560	450	328	413	451	529	502	510	436	403	464	439	564
Newspaper advertising .... thous. of lines	87,803	77,208	67,169	66,877	79,772	88,443	88,737	90,244	72,282	75,823	82,467	89,424	²98,348

² Revised.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
DISTRIBUTION MOVEMENT—Con.													
Advertising—Continued													
Radio broadcasting, total cost...thous. of dolls..	3,251	2,736	2,527	2,764	2,835	3,036	3,164	3,141	2,591	2,637	2,718	2,577	2,674
Automotive industry...thous. of dolls..	95	64	68	89	99	91	122	117	98	134	140	113	98
Building materials...thous. of dolls..	37	28	25	32	19	30	39	37	36	38	39	61	70
Cigars, cigarettes, and tobacco...thous. of dolls..	513	479	467	476	476	425	434	412	262	238	217	196	193
Clothing and dry goods...thous. of dolls..	49	27	32	38	44	68	66	51	48	48	52	67	76
Confectionery...thous. of dolls..	128	110	106	135	112	109	90	86	84	94	97	97	104
Drugs and toilet goods...thous. of dolls..	648	485	397	453	452	463	471	465	445	433	384	322	312
Financial...thous. of dolls..	136	116	98	112	126	136	155	125	110	117	110	107	119
Foods...thous. of dolls..	790	665	652	730	748	762	788	781	690	672	620	568	574
House furnishings...thous. of dolls..	59	84	65	38	44	71	85	93	46	50	46	41	48
Jewelry...thous. of dolls..	10	3	0	0	8	18	17	16	10	11	63	90	119
Machinery...thous. of dolls..	53	31	37	29	39	72	76	75	86	88	85	85	75
Paints and hardware...thous. of dolls..	72	57	72	81	72	74	69	56	36	15	13	17	20
Petroleum products...thous. of dolls..	107	89	90	96	88	95	163	91	84	99	110	113	136
Radios...thous. of dolls..	49	22	18	10	84	104	118	142	121	130	203	202	186
Shoes, trunks, and bags...thous. of dolls..	141	124	51	86	95	131	95	112	91	98	97	91	99
Soaps and housekeepers' supplies...thous. of dolls..	122	129	153	146	129	110	115	133	63	71	61	60	61
Sporting goods...thous. of dolls..	13	24	33	34	29	37	29	23	15	3	0	0	0
Stationery and publishers...thous. of dolls..	130	118	84	92	86	107	128	122	105	130	134	126	126
Travel and hotels...thous. of dolls..	2	2	2	2	22	27	30	31	24	24	93	87	137
Miscellaneous...thous. of dolls..	97	79	77	85	63	115	134	173	137	144	154	134	130
Agricultural Products (Marketing)													
Agricultural, total...rel. to 1923-25..	205.9	[2] 116.6	84.9	103.2	61.4	66.4	57.9	67.3	68.7	76.3	105.0	142.8	200.7
Animal products:													
Dairy products...rel. to 1923-25..	92.6	90.5	96.3	123.6	156.6	130.9	113.1	102.9	91.3	96.4	92.7	77.8	82.2
Fish...rel. to 1923-25..	140.5	[2] 160.1	189.3	161.2	144.5	138.5	174.3	169.4	116.2	103.4	98.9	146.2	172.0
Livestock...rel. to 1923-25..	101.2	88.3	82.5	72.6	77.9	80.2	82.6	79.6	79.8	96.2	93.9	88.0	108.0
Poultry and eggs...rel. to 1923-25..	75.4	88.4	88.0	88.6	115.6	125.6	137.0	121.8	94.0	95.0	137.8	121.6	79.2
Wool...rel. to 1923-25..	49.5	125.1	259.6	573.2	405.4	197.1	78.2	61.9	50.8	25.3	57.1	34.5	79.1
Total...rel. to 1923-25..	96.6	[2] 91.5	94.3	105.2	118.0	106.7	101.2	94.0	85.5	94.7	97.8	88.5	96.7
Crops:													
Cotton...rel. to 1923-25..	266.7	152.1	29.2	22.6	9.1	28.3	29.8	38.6	45.1	64.0	144.9	240.6	327.5
Fruits...rel. to 1923-25..	191.1	126.2	154.6	139.3	88.8	102.2	70.6	75.1	68.1	70.2	67.1	109.0	249.0
Grains...rel. to 1923-25..	80.5	79.8	130.0	182.9	68.6	69.0	63.9	80.0	84.6	81.0	79.8	72.3	82.6
Vegetables...rel. to 1923-25..	131.9	103.2	64.1	103.4	165.8	135.6	93.3	104.3	91.1	98.0	79.4	89.6	168.4
Total...rel. to 1923-25..	217.9	[2] 119.3	83.9	103.0	55.2	62.0	53.1	64.4	66.8	74.3	105.8	148.8	212.1
Collections													
Delinquent accounts, electrical trade:													
Amount...dollars..	95,414	78,534	70,681	98,321	111,183	91,332	112,843	138,592	132,609	112,250	150,349	96,912	122,150
Delinquent firms...number..	987	786	780	933	948	941	1,258	1,228	1,141	1,089	1,065	868	1,103
Forest Products (Marketing)													
Distilled wood...rel. to 1923-25..	30.0	22.1	17.2	20.4	27.5	34.7	44.6	68.9	63.7	72.9	66.4	60.8	53.8
Gum...rel. to 1923-25..	114.0	[2] 111.9	141.5	186.7	189.9	136.5	98.3	39.7	25.5	37.1	117.7	112.9	143.1
Lumber...rel. to 1923-25..	60.5	[2] 56.6	63.2	61.1	62.1	62.8	59.1	55.4	51.6	50.5	50.7	57.4	63.4
Pulpwood...rel. to 1923-25..	68.6	76.2	85.3	87.7	96.6	123.1	117.2	118.3	103.1	110.9	115.6	105.4	99.3
Total...rel. to 1923-25..	62.0	[2] 59.3	66.3	65.6	67.4	68.3	64.0	60.9	[2] 55.8	55.9	58.0	62.9	68.1
Postal Business													
Air mail, weight dispatched...pounds..	....	796,703	804,455	779,105	781,419	750,960	750,638	724,617	642,484	687,560	767,229	637,062	743,705
Money orders:													
Domestic, issued (50 cities)—													
Quantity...thousands..	....	....	3,368	3,501	3,729	3,766	3,828	4,015	3,567	3,749	4,165	3,525	3,662
Value...thous. of dolls..	....	....	33,370	34,224	36,315	36,006	37,803	37,250	33,240	36,352	39,627	34,525	35,916
Domestic, paid (50 cities)—													
Quantity...thousands..	....	....	9,074	9,930	10,734	10,902	11,562	11,132	9,701	10,590	11,716	10,248	11,514
Value...thous. of dolls..	....	....	71,622	76,365	79,311	81,956	90,646	81,747	70,935	78,273	91,923	79,934	90,647
Foreign, issued...thous. of dolls..	....	4,496	3,958	4,412	4,348	4,073	4,442	5,014	4,032	4,893	10,443	5,178	4,996
Postal receipts:													
Total index...rel. to 1923-25..	107.4	98.8	88.8	92.9	99.4	104.5	109.9	113.1	100.1	110.3	145.3	106.2	121.1
50 selected cities...thous. of dolls..	28,618	26,335	23,389	24,578	26,442	27,844	29,257	30,178	26,405	29,172	38,572	28,379	32,279
50 industrial cities...thous. of dolls..	3,150	2,897	2,869	2,903	2,957	3,047	3,268	3,284	3,215	3,466	4,418	3,028	3,568
Retail Sales													
Department store sales, value of:													
United States, adjusted...rel. to 1923-25..	86	84	88	91	95	97	106	97	98	97	94	98	102
United States, unadjusted...rel. to 1923-25..	94	87	67	65	90	97	101	92	80	79	165	113	112
Department store stocks, end of month:													
United States, adjusted...rel. to 1923-25..	80	81	79	81	82	83	83	84	86	88	91	92	92
United States, unadjusted...rel. to 1923-25..	88	84	76	75	80	85	87	87	81	78	85	104	101
Installment sales in New England dept. stores, ratio to total sales...per cent..	11.0	8.9	11.9	6.7	4.7	7.0	6.5	8.4	10.6	120	8.5	7.4	8.8
Mail-order houses:													
Total sales, 2 houses...thous. of dolls..	52,280	45,955	43,004	45,093	49,480	50,070	52,078	43,008	39,422	41,459	72,486	55,713	68,878
Total sales, 2 houses...rel. to 1923-25..	160	141	132	138	151	153	159	132	121	127	222	170	211
Sears, Roebuck & Co...thous. of dolls..	30,246	28,450	26,597	29,773	30,261	31,523	31,520	25,407	24,177	24,839	43,814	33,312	38,785
Montgomery, Ward & Co...thous. of dolls..	22,034	17,505	16,407	15,320	19,219	18,547	20,558	17,601	15,245	16,620	28,672	22,401	30,093
Restaurant chains:													
Childs Co.—													
Sales...thous. of dolls..	2,208	2,164	2,030	1,858	1,847	1,957	2,059	2,064	1,889	2,083	2,277	2,075	2,259
Stores operated...number..	107	108	108	108	109	108	110	111	111	112	112	111	111
J. R. Thompson Co.—													
Sales...thous. of dolls..	....	1,278	1,301	1,086	1,093	1,202	1,175	1,208	1,082	1,192	1,246	1,186	1,287
Stores operated...number..	115	117	117	118	117	116	117	117	120	120	120	121	121
Waldorf System (Inc.)—													
Sales...thous. of dolls..	1,359	1,303	1,246	1,244	1,245	1,337	1,360	1,351	1,210	1,295	1,379	1,338	[2] 1,350
Stores operated...number..	156	156	154	165	162	162	160	160	160	152	152	147	145
Total sales, 3 chains—													
Total...thous. of dolls..	....	4,745	[2] 4,577	4,188	4,185	4,496	4,594	4,623	4,181	4,570	4,902	4,599	4,884
Stores operated...number..	....	381	379	391	388	386	387	388	391	384	384	379	377
Grocery chains:													
Atlantic & Pacific Tea Co.—													
Total sales...thous. of dolls..	95,498	74,642	74,411	95,528	80,851	102,946	85,160	82,719	82,385	97,559	81,347	79,820	[2] 100,965
Weeks in month...number..	5	4	4	5	4	5	4	4	4	5	4	4	5
Weekly average...thous. of dolls..	19,100	18,660	18,603	19,106	20,213	20,589	21,290	20,680	20,596	19,512	20,337	19,955	[2] 20,193
Tonnage sales...tons..	524,743	411,883	399,779	513,095	454,268	563,223	454,479	435,292	439,545	508,490	416,673	400,203	481,703
Weekly average...tons..	104,949	102,971	99,945	102,619	113,567	112,645	113,620	108,823	109,886	101,980	104,168	100,051	96,341

[2] Revised.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
DISTRIBUTION MOVEMENT—Con.													
Retail Sales—Continued													
Chain stores, sales:													
F. W. Woolworth & Co.—													
Sales.....thous. of dolls..	26,150	21,732	21,712	21,079	21,978	24,117	23,830	21,724	19,386	19,240	42,320	24,077	[2] 26,423
Stores operated.....number..	1,906	1,902	1,895	1,889	1,889	1,896	1,896	1,894	1,888	1,886	1,890	1,890	1,889
F. & W. Grand—													
Sales.....thous. of dolls..	2,134	1,699	1,565	1,628	1,833	1,825	2,004	1,664	1,431	1,371	3,545	1,894	2,026
Stores operated.....number..	121	121	119	119	119	118	117	116	114	112	112	112	111
G. C. Murphy Co.—													
Sales.....thous. of dolls..	1,715	1,490	1,519	1,475	1,569	1,549	1,588	1,329	1,204	1,221	3,170	1,579	1,621
Stores operated.....number..	172	172	172	170	169	168	168	166	166	166	166	165	[2] 164
Isaac Silver & Bros.—													
Sales.....thous. of dolls..	832	607	589	594	692	695	723	596	513	476	1,421	673	693
Stores operated.....number..	45	44	45	45	45	45	45	45	45	45	45	45	44
J. C. Penny Co.—													
Sales.....thous. of dolls..	17,968	14,577	13,257	12,779	14,832	15,450	15,390	12,443	9,540	9,725	23,703	18,037	[2] 19,881
Stores operated.....number..	1,458	.....	1,456	1,454	1,453	1,453	1,454	1,454	1,453	1,452	1,452	1,452	1,450
McCrory Stores Corp.—													
Sales.....thous. of dolls..	3,881	3,260	3,214	3,004	3,240	3,412	3,703	3,381	2,946	2,903	6,783	3,617	3,606
Stores operated.....number..	244	244	243	242	243	243	243	242	242	242	242	242	241
Metropolitan—													
Sales.....thous. of dolls..	.....	571	518	558	702	713	722	508	445	487	1,606	724	699
Stores operated.....number..	.....	83	83	83	83	84	91	93	94	95	95	95	95
S. H. Kress & Co.—													
Sales.....thous. of dolls..	5,706	5,295	5,286	5,104	5,467	5,469	5,761	5,259	4,487	4,400	12,061	5,528	5,716
Stores operated.....number..	222	220	218	218	217	216	216	213	211	211	213	213	213
S. S. Kresge Co.—													
Sales.....thous. of dolls..	12,498	10,957	10,976	10,722	11,896	12,123	12,590	11,035	9,770	9,825	23,982	12,503	12,853
Stores operated.....number..	705	703	699	696	694	690	688	684	683	681	678	676	668
W. T. Grant Co.—													
Sales.....thous. of dolls..	7,423	5,570	5,395	5,227	6,289	6,606	6,402	5,334	4,347	4,110	11,797	6,677	[2] 7,083
Stores operated.....number..	.....	.....	381	375	371	367	364	354	350	350	348	346	340
Five and Ten—chain group:													
Actual.....rel. to 1923–25..	167	141	142	139	147	155	160	144	127	124	298	159	168
Adjusted for seasonal..rel. to 1923–25..	150.7	155.1	158.8	147.3	160.6	166.7	167.9	158.7	162.5	160.8	153.2	158.3	151.0
Warehouses													
Public merchandising warehouses, space occupied.....p. ct. of total..	.....	65.7	[2] 64.6	63.9	64.7	65.8	65.9	66.8	67.9	68.9	70.4	69.9	65.9
FOREIGN TRADE													
Canadian													
Total trade:													
Exports.....thous. of dolls..	56,534	49,909	49,894	[2] 50,671	55,320	60,845	34,674	56,296	44,914	45,634	68,053	74,592	84,298
Imports.....thous. of dolls..	45,933	45,379	47,308	48,379	52,508	73,457	51,189	75,348	50,994	50,414	60,338	76,325	78,358
United States													
Exports:													
Grand total, including reexports.....thous. of dolls..	204,904	[2] 180,220	164,822	180,670	187,190	203,991	214,888	235,881	224,413	249,646	275,193	289,021	327,120
By grand divisions—													
Africa, total.....thous. of dolls..	5,376	4,140	6,162	5,070	4,648	6,129	4,925	4,923	4,954	5,514	5,635	6,588	6,273
Asia and Oceania—													
Total.....thous. of dolls..	37,221	34,548	28,996	34,660	30,277	33,420	36,202	38,913	33,252	35,431	42,279	39,219	44,167
Japan.....thous. of dolls..	13,131	12,370	8,357	10,885	8,798	11,201	14,230	17,995	11,257	14,743	12,593	12,425	11,249
Europe—													
Total.....thous. of dolls..	111,983	90,361	74,567	79,977	88,149	89,576	94,320	113,838	117,938	131,699	141,621	155,227	174,658
France.....thous. of dolls..	8,802	7,726	8,106	7,392	8,688	10,121	11,329	12,456	13,564	16,676	19,172	22,094	23,683
Germany.....thous. of dolls..	17,352	12,837	7,873	8,286	10,819	13,153	12,282	19,195	16,960	17,015	20,326	23,686	31,467
Italy.....thous. of dolls..	6,158	3,986	3,239	3,757	3,622	3,887	3,884	5,691	4,168	5,260	8,625	7,582	8,924
United Kingdom..thous. of dolls..	50,559	34,589	27,815	32,564	30,915	34,238	33,344	39,706	38,626	49,744	53,871	61,094	71,904
North America—													
Total.....thous. of dolls..	40,072	40,941	44,328	48,018	51,247	59,581	62,974	63,068	52,762	56,952	61,921	64,471	75,990
Canada.....thous. of dolls..	26,621	28,002	30,579	32,677	35,030	41,664	44,851	41,860	35,305	33,657	36,326	41,689	48,989
South America—													
Total.....thous. of dolls..	10,252	10,230	10,770	12,945	12,869	15,286	16,467	15,139	15,508	20,049	23,737	23,516	25,808
Argentina.....thous. of dolls..	3,435	3,658	4,420	4,706	4,295	5,583	5,803	4,512	4,922	5,467	8,801	8,728	10,351
By economic classes—													
Total domestic exports only.....thous. of dolls..	201,390	[2] 177,385	[2] 161,494	176,980	182,987	199,205	210,061	231,077	220,666	245,771	270,810	285,441	322,941
Crude materials.....thous. of dolls..	63,624	[2] 44,389	25,502	28,378	20,070	36,484	40,149	56,428	47,660	58,625	76,735	90,930	104,829
Foodstuffs, crude, and food animals.....thous. of dolls..	13,967	[2] 10,289	9,981	13,999	11,119	10,546	8,626	9,583	7,316	8,487	13,462	15,592	15,228
Manufactured foodstuffs.....thous. of dolls..	25,349	[2] 18,123	[2] 18,075	18,306	17,531	18,868	19,593	23,381	22,165	27,039	27,033	29,992	32,143
Finished manufactures.thous. of dolls..	77,264	83,188	[2] 84,069	88,348	97,736	103,416	110,768	110,256	116,110	117,053	119,670	115,802	132,729
Semifinished manufactures.....thous. of dolls..	21,186	21,396	[2] 23,868	27,949	27,451	29,891	30,925	31,429	27,415	34,567	33,910	33,125	38,012
Agricultural exports (quantities)—													
All commodities.....rel. to 1910–14..	.....	86	53	63	58	66	68	87	71	85	109	126	137
All commodities (except cotton).....rel. to 1910–14..	.....	92	83	97	86	89	81	86	82	95	105	116	127
Imports:													
Grand total.....thous. of dolls..	168,707	[2] 170,368	[2] 166,679	174,460	173,673	179,694	185,706	210,200	175,108	183,132	208,721	203,713	247,322
By grand divisions—													
Africa, total.....thous. of dolls..	1,697	3,096	2,400	2,384	2,773	4,337	3,778	3,052	2,344	3,500	3,353	3,938	4,310
Asia and Oceania—													
Total.....thous. of dolls..	48,413	42,494	45,581	48,772	52,757	49,964	53,180	59,552	50,183	56,024	64,941	53,032	73,915
Japan.....thous. of dolls..	19,474	17,256	16,052	16,057	14,988	15,580	12,183	18,454	16,255	19,711	27,208	19,620	30,584
Europe—													
Total.....thous. of dolls..	56,302	60,788	50,776	51,359	47,480	51,841	53,387	62,174	51,172	52,940	56,661	56,560	76,610
France.....thous. of dolls..	8,971	7,799	6,551	5,459	5,516	6,143	6,250	6,598	6,880	5,881	7,275	8,227	11,662
Germany.....thous. of dolls..	12,071	12,203	11,373	11,734	8,937	9,512	11,249	13,434	9,486	10,682	11,619	11,166	17,357
Italy.....thous. of dolls..	5,648	5,635	4,351	4,138	4,269	4,627	5,741	6,192	5,128	3,724	5,252	6,353	6,464
United Kingdom..thous. of dolls..	11,278	13,379	11,509	10,951	11,000	12,354	11,561	13,033	11,970	10,913	11,468	15,289	17,748

[2] Revised.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
FOREIGN TRADE—Continued													
United States—Continued													
Imports—Continued													
North America—													
Total ... thous. of dolls.	40,608	41,608	45,346	47,827	44,456	45,177	46,484	50,230	42,294	43,858	53,277	54,526	62,104
Canada ... thous. of dolls.	21,231	21,928	20,529	22,341	22,854	24,110	23,757	24,148	21,454	23,534	26,139	30,279	34,336
South America—													
Total ... thous. of dolls.	21,687	22,380	22,567	24,133	26,068	28,844	26,917	34,599	29,115	26,928	30,509	26,657	30,428
Argentina ... thous. of dolls.	3,380	4,753	3,595	3,042	2,645	3,215	2,638	3,506	2,849	2,356	2,519	2,370	2,635
By economic classes—													
Total ... thous. of dolls.	168,707	[2]170,368	[2]166,779	174,460	173,673	179,694	185,706	210,200	175,108	183,132	208,721	203,713	247,322
Crude materials ... thous. of dolls.	52,377	52,927	47,686	49,978	52,416	54,160	54,702	64,607	56,357	59,318	69,079	59,243	77,487
Foodstuffs, crude, and food animals ... thous. of dolls.	29,355	18,649	21,820	25,930	27,435	30,774	28,912	33,020	28,314	27,363	30,029	27,337	32,849
Manufactured foodstuffs ... thous. of dolls.	16,468	16,483	25,541	21,120	19,744	18,850	22,985	23,558	17,737	14,644	22,312	21,045	23,145
Finished manufactures ... thous. of dolls.	50,434	52,012	45,295	47,442	44,276	45,527	45,734	49,226	41,168	44,947	49,172	57,826	68,321
Semifinished manufactures ... thous. of dolls.	29,023	30,295	28,336	29,093	29,803	30,382	33,373	39,789	31,532	36,860	38,129	38,292	45,520
EMPLOYMENT AND WAGES													
Employment													
Factory employment, adjusted (Fed. Res. Bd.):													
Total ... rel. to 1923-25	70.3	72.8	74.1	75.1	76.0	77.8	78.0	77.9	77.8	78.3	80.1	81.1	82.2
Cement, clay, and glass ... rel. to 1923-25	57.6	59.4	60.1	62.7	64.4	65.4	65.2	65.2	65.0	64.4	68.6	70.0	71.4
Chemicals—													
Group ... rel. to 1923-25	85.4	85.7	86.6	89.4	89.6	93.0	91.7	89.8	94.5	96.6	97.9	98.3	101.1
Petroleum, refined ... rel. to 1923-25	83.2	82.9	84.8	87.1	90.2	94.5	94.0	87.2	97.4	99.7	100.8	100.8	104.3
Iron and steel ... rel. to 1923-25	66.2	67.4	70.3	72.1	72.6	74.8	76.5	76.6	75.9	77.5	79.1	80.2	81.3
Leather and its products ... rel. to 1923-25	78.4	80.9	84.3	84.8	83.9	84.2	84.0	82.2	78.4	77.1	76.6	77.4	80.2
Lumber and its products ... rel. to 1923-25	48.4	49.4	51.1	52.0	54.4	55.4	55.4	55.7	56.3	56.3	58.8	60.4	62.1
Machinery ... rel. to 1923-25	65.6	67.3	67.7	70.3	73.4	76.3	78.0	79.3	80.6	81.9	84.2	85.7	88.0
Nonferrous metals ... rel. to 1923-25	61.7	62.5	63.1	64.2	65.4	66.6	66.5	66.6	66.8	69.2	71.2	71.8	72.6
Paper and printing ... rel. to 1923-25	91.0	91.1	93.0	93.0	93.6	95.3	95.0	94.7	94.9	95.6	96.7	97.0	98.4
Rubber products ... rel. to 1923-25	70.3	69.8	70.5	73.8	75.7	74.0	70.5	68.4	71.4	73.7	74.7	75.2	75.4
Textiles ... rel. to 1923-25	76.0	80.0	80.9	79.6	78.6	81.2	80.2	79.7	77.2	75.5	77.4	79.4	80.7
Tobacco production ... rel. to 1923-25	75.8	77.2	79.1	81.4	80.4	82.1	82.1	83.4	84.6	81.3	83.5	82.0	83.5
Transportation—													
Group ... rel. to 1923-25	51.7	57.2	58.3	60.2	62.4	63.2	63.8	64.3	64.9	67.1	69.4	68.6	67.2
Automobiles ... rel. to 1923-25	59.5	62.0	64.2	67.6	70.7	70.9	70.3	70.2	68.8	72.3	78.9	76.4	69.6
Nonmanufacturing industries:													
Anthracite mining ... rel. to 1929	86.8	80.0	67.3	65.1	76.1	80.3	85.2	82.0	89.5	90.6	99.1	97.2	99.0
Bituminous coal mining ... rel. to 1929	81.3	80.4	77.0	76.4	78.4	82.4	85.9	88.8	91.5	93.9	92.5	92.5	91.8
Metalliferous mining ... rel. to 1929	53.8	55.5	55.8	56.2	60.0	62.4	63.9	63.5	65.3	68.3	70.1	72.8	77.2
Quarrying and nonmetallic mining ... rel. to 1929	64.5	66.6	68.9	71.0	72.3	75.0	76.1	70.0	66.6	64.4	70.2	78.3	84.7
Crude petroleum producing ... rel. to 1929	60.4	61.2	62.4	65.3	65.0	67.8	69.8	72.2	73.2	74.8	77.4	83.6	85.2
Telephone and telegraph ... rel. to 1929	84.1	85.0	85.9	86.6	86.9	87.4	88.1	88.6	89.2	90.5	91.6	93.0	94.5
Power, light, and water ... rel. to 1929	92.7	94.7	95.9	96.7	97.2	97.6	97.1	96.7	97.8	99.2	103.2	103.4	104.8
Operation and maintenance of electric railroads ... rel. to 1929	82.7	84.0	84.8	85.0	85.3	85.9	86.8	86.4	86.6	86.9	88.8	89.3	91.0
Wholesale trade ... rel. to 1929	85.2	86.1	86.5	86.8	87.1	87.1	87.4	87.4	88.2	89.5	92.0	92.6	94.2
Retail trade ... rel. to 1929	89.8	86.6	81.8	83.9	89.1	89.9	90.1	87.8	87.1	90.0	115.1	98.4	95.5
Hotels ... rel. to 1929	88.5	90.6	92.8	93.3	91.6	92.5	95.9	96.8	96.8	95.0	93.5	95.2	97.5
Canning and preserving ... rel. to 1929	108.1	180.1	142.9	102.2	70.6	56.0	59.6	53.0	48.3	48.9	61.6	96.7	164.7
Employees on pay roll, unadjusted:													
Cleveland ... rel. to Jan., 1921	76.0	75.6	81.3	80.3	83.8	86.9	88.8	90.0	90.0	89.8	87.9	87.4	91.6
Delaware ... rel. to 1923-25	74.5	81.2	83.2	84.4	85.6	86.3	86.9	88.1	87.6	87.1	86.7	87.9	94.0
Detroit ... rel. to 1923-25	41.7	51.0	50.0	61.8	73.2	80.4	83.5	83.0	81.2	76.5	40.0	75.8	79.0
Illinois ... rel. to 1925-27	65.7	68.3	70.1	70.5	72.3	74.5	75.6	76.6	76.5	76.3	77.5	77.7	80.2
Iowa ... rel. to 1923	105.0	106.3	109.1	108.7	110.1	110.1	111.0	112.5	114.6	113.8	117.2	117.7	114.3
Massachusetts ... rel. to 1925-27	63.1	68.6	69.1	67.6	69.0	70.8	72.2	71.9	71.2	69.4	69.9	73.2	75.4
Maryland ... rel. to 1924	70.6	72.0	72.3	72.5	73.8	75.9	76.2	76.2	75.5	73.6	76.7	78.8	81.6
New Jersey ... rel. to 1923-25	72.4	73.2	73.0	72.6	73.6	75.3	75.7	77.0	77.4	77.9	82.2	85.8	88.2
New York State ... rel. to 1923	63.7	65.8	64.0	64.2	65.6	67.6	69.0	69.6	68.5	67.5	69.3	72.0	74.3
New York State ... number	352,453	364,265	353,895	355,504	362,885	373,993	382,045	384,983	379,089	373,304	383,518	398,424	411,333
Ohio ... rel. to 1926	74.3	75.5	76.9	78.2	81.3	82.7	83.0	82.4	80.9	79.8	81.9	82.1	85.1
Pennsylvania ... rel. to 1923-25	71.9	72.7	72.9	72.5	74.8	77.4	79.4	79.8	80.2	78.9	81.7	84.7	86.4
Wisconsin ... rel. to 1925-27		75.0	75.6	79.8	76.7	78.1	77.9	78.2	77.6	76.9	77.5	78.5	81.3
Anthracite mines, employment ... rel. to 1923-25	84.4	77.8	65.5	63.4	74.2	78.3	82.9	79.9	87.1	88.3	96.5	94.7	96.2
Applicants per 100 jobs, employment agencies:													
Canada ... number		195	266	237	206	165	151	147	141	156	133	189	211
United States ... number		196	217	209	205	181	177	179	202	224	218	227	193
Central States ... number		250	273	247	246	206	199	215	232	261	233	251	240
Eastern States ... number		191	212	235	221	187	181	202	209	254	239	231	192
Southern States ... number		287	411	265	277	345	237	215	265	293	314	344	277
Western States ... number		91	94	94	84	66	80	75	89	91	103	123	74
Illinois ... number	251	220	244	250	245	218	215	228	250	331	270	280	278
Wisconsin ... number		232	199	186	212	197	172	197	250	230	191	210	178
Employment Trade Unions:													
Canada ... p. ct. of total membership		81.9	84.2	83.8	83.7	83.8	85.1	84.5	84.4	84.0	83.0	86.2	89.2
United States ... p. ct. of total membership	74.0	74.0	74.0	74.0	75.0	75.0	75.0	74.0	73.0	73.0	77.0	78.0	79.0
Employment, Canada ... rel. to 1926		107.1	105.2	103.8	103.6	102.2	99.7	100.2	100.7	101.7	108.5	112.9	116.2
Factories, time operated:													
Total ... p. ct. of full time		88	89	89	89	90	91	91	90	89	90	90	92
Chemicals and other products ... p. ct. of full time		94	93	92	95	96	97	96	95	95	95	95	97
Food and kindred products ... p. ct. of full time		96	95	96	95	96	96	96	96	97	97	97	98
Leather and its finished products ... p. ct. of full time		90	93	92	90	91	92	91	92	89	87	84	90
Lumber and its manufactures ... p. ct. of full time		83	83	84	85	85	86	85	84	83	84	86	89
Iron and steel and their products ... p. ct. of full time		74	76	76	77	79	80	80	80	80	80	80	83
Nonferrous metals ... p. ct. of full time		82	84	84	84	85	86	87	87	86	86	87	89
Paper and printing ... p. ct. of full time		92	93	93	94	95	95	96	95	95	96	96	97
Stone, clay, and glass products ... p. ct. of full time		88	90	90	90	91	91	91	90	90	90	91	93

[2] Revised.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
EMPLOYMENT AND WAGES—Con.													
Employment—Continued													
Textiles and their products.......p. ct. of full time	....	91	92	92	92	93	93	94	93	90	90	91	92
Tobacco manufactures..p. ct. of full time		85	88	87	87	87	86	87	85	88	91	89	90
Vehicles for land transportation.......p. ct. of full time	....	89	90	89	91	92	92	91	91	89	91	91	93
Miscellaneous industries.......p. ct. of full time	....	85	85	85	86	88	88	87	87	88	88	88	90
Federal Civilian Employees (Washington).......number	....	70,580	70,885	71,658	71,693	72,417	72,297	71,917	71,162	71,252	71,189	71,052	70,790
Hours of work in factories:													
Actual.......hours per week	38.2	39.2	39.9	39.9	40.9	42.7	41.7	41.8	42.3	40.2	41.6	....	....
Nominal.......hours per week	48.0	48.1	48.2	48.0	47.9	48.0	48.0	48.2	47.9	48.0	48.3	....	....
Labor disputes:													
Disputes.......number	....	89	[2] 58	[2] 54	51	49	39	27	34	20	7	29	36
Man-days lost in month.......number	....	695,963	[2] 1,217,397	[2] 666,309	506,097	402,437	769,720	422,545	228,329	181,031	194,455	273,608	335,916
Workers involved.......number	....	46,029	[2] 21,667	[2] 58,995	17,071	15,735	22,604	28,139	12,512	2,927	5,144	7,759	16,007
Labor turnover:													
Accessions.......p. ct. of no. on pay roll	32.4	43.6	30.6	35.5	61.9	45.1	41.6	34.8	35.0	33.9	44.6	47.6	30.1
Separations—													
Total.......p. ct. of no. on pay roll	73.2	68.4	43.2	54.9	23.3	32.8	27.2	43.2	36.8	35.6	25.1	24.9	52.9
Discharges...p. ct. of no. on pay roll	2.5	2.9	2.6	2.9	2.8	3.3	3.8	3.1	2.6	2.2	2.5	2.9	3.8
Lay-offs.......p. ct. of no. on pay roll	59.0	51.4	28.2	39.1	46.7	28.6	23.9	20.6	22.8	23.0	32.2	33.7	33.9
Voluntary quits.......p. ct. of no. on pay roll	11.8	14.1	12.4	12.9	12.4	13.2	13.9	11.1	9.6	8.7	9.9	11.6	15.2
Ohio construction, employment.......rel. to 1926	54.2	58.3	60.0	62.8	63.3	61.3	60.0	53.7	51.9	49.4	59.8	72.0	82.6
Railways, employees on pay roll..thousands	....	....	1,288	1,310	1,317	1,337	1,331	1,319	1,316	1,334	1,357	1,394	1,455
Wages													
Anthracite mines, pay roll.......rel. to 1923–25	77.3	55.0	47.8	45.6	56.5	64.6	63.8	55.7	79.8	75.8	85.0	83.2	102.3
Factory pay rolls (Fed. Res. Bd.):													
Total.......rel. to 1923–25	59.4	61.8	64.3	64.4	67.6	72.1	73.6	74.9	73.2	68.4	73.7	75.1	89.8
Cement, clay, and glass.......rel. to 1923–25	43.9	46.1	48.1	49.4	54.4	56.7	55.7	54.0	51.4	46.6	56.3	60.9	66.4
Chemicals—													
Group.......rel. to 1923–25	80.8	80.8	80.4	82.9	84.1	88.4	92.0	89.8	92.9	90.4	94.7	96.1	99.9
Petroleum refining.......rel. to 1923–25	80.8	83.0	85.6	89.6	91.1	96.1	96.7	90.8	100.8	99.3	101.4	103.2	109.3
Iron and steel.......rel. to 1923–25	43.9	45.2	50.6	52.4	57.6	64.9	69.1	70.0	67.5	62.4	66.7	68.9	75.8
Leather and its products...rel. to 1923–25	56.4	67.7	75.5	72.6	66.7	68.7	70.6	73.4	68.8	60.6	58.1	55.0	69.7
Lumber and its products...rel. to 1923–25	38.2	40.3	41.3	41.7	44.6	45.7	44.9	46.2	45.6	44.0	50.4	54.7	60.4
Machinery.......rel. to 1923–25	50.2	51.2	54.9	57.4	62.4	67.8	69.7	72.0	71.9	69.9	75.0	75.1	81.4
Nonferrous metals.......rel. to 1923–25	49.9	50.2	52.9	54.5	59.1	63.4	65.4	66.3	64.4	64.1	67.9	67.3	69.4
Paper and printing.......rel. to 1923–25	91.4	90.4	93.1	93.6	96.6	100.0	100.6	101.9	100.7	101.3	105.7	105.0	105.4
Rubber products.......rel. to 1923–25	53.7	54.6	62.2	64.0	72.4	71.0	66.8	63.2	63.8	63.8	62.6	58.7	65.9
Textiles.......rel. to 1923–25	66.0	71.0	70.2	65.9	66.7	71.7	76.8	81.9	76.9	68.4	72.2	73.4	80.3
Tobacco products.......rel. to 1923–25	64.6	62.7	66.3	67.5	68.[illegible]	68.3	65.7	68.3	65.3	64.3	77.7	76.8	78.0
Transportation—													
Group.......rel. to 1923–25	45.3	45.6	50.9	52.7	58.8	66.1	65.3	64.1	62.2	51.8	60.8	60.8	62.8
Automobile.......rel. to 1923–25	41.4	41.5	50.4	53.2	62.1	75.6	70.8	67.7	61.1	40.0	55.5	57.4	58.4
Nonmanufacturing industries:													
Anthracite mining.......rel. to 1929	91.1	64.9	56.4	53.7	66.7	76.1	75.2	71.3	101.9	89.3	100.0	98.0	117.2
Bituminous coal mining.......rel. to 1929	56.2	53.6	50.6	50.4	52.4	54.4	58.6	65.2	68.3	73.3	77.7	79.1	79.4
Metalliferous mining.......rel. to 1929	37.4	40.0	40.2	41.3	46.1	49.3	51.4	52.8	54.6	55.0	59.9	63.4	68.6
Quarrying and nonmetallic mining.......rel. to 1929	46.7	51.2	55.1	57.3	60.1	62.3	62.6	58.2	54.4	50.4	59.9	66.8	79.3
Crude petroleum producing ..rel. to 1929	54.4	55.2	56.3	59.2	62.7	64.7	66.3	73.2	70.0	71.5	77.2	80.0	82.6
Telephone and telegraph.......rel. to 1929	91.6	92.1	92.3	93.3	95.0	94.1	95.0	97.9	94.8	96.3	101.3	97.7	100.9
Power, light, and water.......rel. to 1929	93.2	94.3	96.2	97.4	98.3	98.7	97.6	102.4	99.7	98.6	106.3	103.7	105.6
Operation and maintenance of electric railroads.......rel. to 1929	79.4	81.2	81.9	83.3	84.8	85.1	86.6	88.1	87.1	85.6	88.6	87.7	89.9
Wholesale trade.......rel. to 1929	79.9	81.4	82.1	83.3	84.1	84.7	85.2	89.1	88.4	87.5	91.3	91.0	92.9
Retail trade.......rel. to 1929	85.6	83.5	80.3	83.3	87.6	88.0	88.3	87.5	86.7	89.4	107.7	96.8	95.1
Hotels.......rel. to 1929	79.7	81.9	83.8	85.2	85.4	87.7	89.9	93.4	93.7	91.0	91.5	93.6	95.5
Canning and preserving.......rel. to 1929	77.6	129.4	104.7	74.2	58.6	56.0	57.1	50.3	48.6	46.1	57.4	82.9	140.0
Farm wages, without board.......dolls. per month	....	[3] 34.22	....	....	[3] 37.00	....	....	[3] 38.37	....	....	[3] 39.04	....	....
Industrial pay rolls:													
Total, monthly—													
Delaware.......rel. to 1923–25	61.0	64.1	68.9	68.7	78.0	81.1	79.7	81.7	79.9	77.0	78.7	78.1	87.1
New Jersey.......rel. to 1923–25	68.9	66.6	70.7	70.8	72.0	76.3	76.1	77.3	78.6	77.5	83.4	87.7	93.4
New York.......rel. to 1923	59.0	63.0	61.6	62.0	63.2	66.6	69.1	71.1	68.8	66.7	69.7	72.2	76.2
Pennsylvania.......rel. to 1923–25	53.9	53.7	56.1	55.6	60.6	64.9	69.5	68.4	68.3	66.2	71.3	74.8	80.7
Wisconsin.......rel. to 1925–27	....	55.6	58.9	61.0	64.2	67.2	68.2	68.8	65.8	60.0	63.9	66.2	73.0
Weekly—													
New York State.......thous. of dolls	8,897	9,493	9,279	9,347	9,524	10,046	10,414	10,723	10,365	10,048	10,513	10,883	11,489
Road building, wages of common labor:													
By Geographic sections—													
United States average..cents per hour	35	34	36	36	37	37	35	37	36	36	37	38	39
East North Central...cents per hour	37	36	35	35	36	37	36	41	33	37	37	37	38
East South Central...cents per hour	19	18	19	20	20	21	20	21	22	21	22	24	24
Middle Atlantic.......cents per hour	37	36	37	36	36	38	38	41	39	40	41	40	41
Mountain section.......cents per hour	46	46	47	45	46	45	43	44	42	44	45	47	48
New England.......cents per hour	42	43	44	45	44	45	47	48	48	48	51	50	49
Pacific section.......cents per hour	51	50	50	51	51	50	51	52	51	51	51	52	53
South Atlantic.......cents per hour	21	20	20	22	21	21	22	24	24	20	22	22	22
West North Central..cents per hour	35	35	35	35	36	36	36	37	36	37	37	35	38
West South Central..cents per hour	24	24	22	20	20	22	21	23	28	26	28	26	27
Railways, average hourly wages.......dollars	....	....	.662	.660	.659	.664	.664	.669	.689	.670	.670	.679	.659
U. S. Steel Corpn., wage rates..cents per hour	45	45	50	50	50	50	50	50	50	50	50	50	50
Weekly earnings of factory labor:													
United States, totals, 23 industries—													
Grand total.......dollars	21.21	21.75	22.49	22.34	23.07	24.25	23.82	23.93	24.29	23.07	24.03	....	....
Grand total.......rel. to 1923	79.7	81.7	84.5	84.0	86.7	91.1	89.5	89.9	91.3	86.7	90.3	....	....
Men—													
Total.......dollars	22.60	23.08	23.81	23.65	24.42	25.76	25.35	25.32	25.83	24.45	25.55	....	....
Total.......rel. to 1923	78.8	80.5	83.0	82.5	85.1	89.8	88.4	88.3	90.1	85.3	89.1	....	....
Skilled.......dollars	23.10	23.95	24.76	24.89	25.71	27.04	26.49	26.49	26.91	25.89	26.71	....	....
Skilled.......rel. to 1923	75.0	77.7	80.4	80.8	83.4	87.8	86.0	86.0	87.3	84.0	86.7	....	....
Unskilled.......dollars	18.05	18.19	18.86	18.92	19.55	20.75	20.46	20.78	20.89	19.77	20.46	....	....
Unskilled.......rel. to 1923	81.0	81.6	84.6	84.9	87.7	93.1	91.8	93.3	93.8	88.7	91.8	....	....
Women.......dollars	13.85	14.57	14.78	14.79	15.17	15.37	15.22	15.62	15.33	14.79	15.64	....	....
Women.......rel. to 1923	80.3	84.5	85.7	85.8	88.0	89.2	88.3	90.6	88.9	85.8	90.7	....	....

[2] Revised.

[3] Quarter ending in month indicated.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
EMPLOYMENT AND WAGES—Con.													
Wages—Continued													
Totals by States—													
Delaware........rel. to 1923–25	90.0	87.0	91.2	89.9	100.5	103.6	101.3	102.4	100.8	97.9	100.6	98.4	102.6
Illinois........dollars	22.16	22.52	23.70	23.86	23.93	24.54	24.99	25.13	25.29	24.25	25.09	25.31	26.42
Illinois........rel. to 1925–27	78.1	79.4	83.5	84.1	84.3	86.5	88.1	88.6	89.1	85.5	88.4	89.2	93.1
New Jersey........rel. to 1923–25	99.4	95.1	101.4	102.2	102.2	105.8	105.1	105.0	106.2	104.1	106.0	106.6	110.6
New York........dollars	25.26	26.07	26.23	26.30	26.25	26.87	27.27	27.87	27.35	26.92	27.42	27.32	27.94
New York........rel. to 1923	92.7	95.7	96.3	96.5	96.4	98.6	100.1	102.3	100.4	98.8	100.7	100.3	102.6
Pennsylvania........rel. to 1923–25	76.3	75.3	78.4	78.3	82.3	85.6	89.2	87.5	86.8	85.6	87.8	89.8	94.8
Wisconsin........dollars				19.37	21.16	21.65	22.26	22.69	21.64	19.70	20.84	21.33	22.89
Wisconsin........rel. to 1925–27				75.7	82.8	84.9	86.7	88.1	84.3	76.5	81.1	84.1	89.0
Youngstown district, wages of steel workers........p. ct. of base scale	107.5	107.5	107.5	107.5	107.5	110.5	115.0	115.0	113.5	113.5	116.5	116.5	118.0
CONSTRUCTION													
Building Costs													
Building costs (*A. G. C.*), 1st of month........rel. to 1913	192	193	195	195	196	197	199	199	200	199	199	199	200
Building costs (*E. N. R.*) 1st of month........rel. to 1913	169.8	171.4	171.4	174.4	187.4	189.3	191.6	194.5	196.6	194.5	196.9	198.5	198.7
Building materials:													
Brick house, 1st of month........rel. to 1913	162	161	163	164	166	167	167	170	171	170	174	172	176
Frame house, 1st of month........rel. to 1913	156	154	156	155	158	160	175	163	165	163	168	165	171
Construction costs (*Am. Appraisal*):													
Brick, steel frame........rel. to 1913	161	163	163	165	166	166	172	178	179	179	179	180	186
Brick, wood frame........rel. to 1913	172	174	176	177	179	180	186	192	194	194	196	196	202
Frame........rel. to 1913	157	159	160	162	165	166	172	178	179	179	182	183	188
Reinforced concrete........rel. to 1913	162	164	165	166	168	169	175	181	182	182	184	185	190
Factory costs (*Aberthaw*)........rel. to 1914		[3] 174			[3] 176			[3] 181			[3] 185		
Building volume (*A. G. C.*)........rel. to 1913	126	135	144	140	137	107	87	78	99	95	123	173	186
Construction Contracts Awarded													
Total construction, F. R. B. adjusted........rel. to 1923–1925	55	59	59	61	64	66	73	77	79	71	73	76	78
Total construction, all types:													
F. W. Dodge Corp.—													
Projects........number	8,701	9,105	9,242	10,663	10,806	11,506	11,888	10,788	7,629	6,911	7,391	9,127	12,158
Floor space........thous. of sq. ft	30,700	30,068	30,631	33,812	35,001	38,941	39,380	37,955	28,339	24,635	29,055	33,099	39,484
Valuation........thous. of dolls	242,094	[2] 251,110	233,106	285,997	331,880	306,079	336,925	369,981	235,405	227,956	249,436	253,574	336,706
Public works and utilities:													
Projects........number	1,288	1,800	1,719	2,048	2,030	2,141	1,907	1,681	1,080	978	1,009	1,292	2,017
Floor space........thous. of sq. ft	171	353	737	1,233	2,367	387	785	522	246	393	697	468	339
Valuation........thous. of dolls	82,462	85,139	72,964	116,265	154,512	108,948	132,993	151,722	78,643	95,211	78,621	76,378	112,966
Residential buildings, all types:													
Projects........number	5,268	5,096	5,141	5,658	5,972	6,652	7,221	6,486	4,520	4,056	4,340	5,368	6,822
Floor space........thous. of sq. ft	15,217	12,992	14,124	15,889	16,913	21,911	22,633	22,090	16,559	12,235	14,705	18,844	22,337
Valuation........thous. of dolls	60,540	54,553	60,203	63,893	72,745	88,900	95,896	100,913	77,918	54,376	70,911	80,782	104,670
Contracts awarded, Canada........thous. of dolls		33,658	26,143	28,055	29,793	36,896	22,708	27,312	25,930	20,299	24,542	39,311	33,332
Engineering construction (*E. N. R.*):													
Total public........thous. of dolls	106,113	129,157	82,453	148,784	125,737	122,036	176,075	168,925	83,837	116,535	99,616	87,188	121,633
Water works........thous. of dolls	3,038	6,390	1,153	5,536	8,016	5,248	10,219	2,542	3,110	5,431	2,237	4,008	7,022
Sewers........thous. of dolls	5,176	7,733	6,059	5,697	5,370	3,254	7,727	11,300	3,043	5,079	5,669	4,647	6,150
Bridges, public........thous. of dolls	15,817	9,948	6,909	28,520	5,786	11,801	9,916	9,752	2,477	11,428	6,289	7,149	13,763
Excavation........thous. of dolls	1,624	2,365	1,711	1,180	1,419	4,198	1,143	1,122	1,768	2,908	3,762	8,523	1,053
Street and roads........thous. of dolls	28,703	29,840	31,088	56,511	62,471	63,167	81,623	53,388	36,682	39,620	25,650	25,798	47,886
Federal Government........thous. of dolls	18,821	41,637	10,839	22,560	20,158	10,340	26,389	66,225	14,571	10,576	12,300	8,723	8,815
Unclassified, public........thous. of dolls	8,108	4,753	5,990	4,129	3,965	5,422	8,214	10,247	5,633	16,134	22,915	11,805	3,798
Buildings, public........thous. of dolls	24,826	26,491	18,704	24,651	18,552	18,606	30,844	14,349	16,553	25,359	20,794	16,535	33,146
Total, private........thous. of dolls	119,060	47,799	66,448	121,326	70,589	95,797	140,830	78,421	94,705	120,660	73,199	102,146	121,305
Buildings, industrial........thous. of dolls	19,141	10,021	11,801	38,663	13,901	12,606	22,965	16,566	14,119	14,135	11,746	20,401	24,593
Buildings, commercial........thous. of dolls	86,128	25,446	33,256	55,242	40,986	54,413	67,444	46,128	50,432	54,316	51,742	73,447	83,723
Bridges, private........thous. of dolls	450	944	137	2,250	25	6,248	50	25	0	230	100	1,997	825
Unclassified........thous. of dolls	13,341	11,388	21,254	25,171	15,677	22,530	50,371	15,702	30,154	51,979	9,611	6,301	12,164
Fire Losses													
United States........thous. of dolls		33,203	31,918	33,025	33,368	37,835	41,424	44,074	41,776	44,090	42,670	35,683	36,839
Canada........thous. of dolls	3,510	2,905	2,819	1,999	12,427	3,867	3,602	3,488	4,689	4,053	4,689	3,175	2,796
Real Estate													
Market activity........rel. to 1926			59.8	61.1	58.4	61.3	62.0	61.7	66.7	66.0	68.9	64.6	74.0
Highways													
Concrete pavements, new contracts:													
Total........thous. of sq. yds	4,009	8,702	7,675	12,470	15,957	12,303	24,671	19,467	9,403	10,107	8,808	6,293	9,745
Road........thous. of sq. yds	2,482	6,182	5,437	9,309	13,536	10,038	21,982	17,573	8,321	9,218	5,081	4,790	6,820
Federal-aid highways:													
Completed—													
Cost........thous. of dolls	65,340	53,415	26,799	26,164	13,994	5,059	9,100	5,826	9,654	17,416	42,751	40,418	41,088
Distance........miles	2,113	1,887	943	1,018	651	225	254	205	188	423	1,071	1,138	1,025
Under construction, end of month........miles	9,028	10,659	11,884	12,207	12,306	11,229	9,569	8,277	7,489	6,957	7,030	7,785	8,325
PUBLIC UTILITIES													
Electric Railways													
Average fares (272 cities)........cents			8,096	8,096	8,069	8,069	8,072	8,072	8,066	8,064	8,050	8,050	8,376
Passengers carried (232 co.'s)........thous. of persons	794,798	734,056	712,660	739,617	787,453	831,183	843,669	861,501	782,034	860,458	898,062	828,905	878,327
Operating revenue (all railways)........thous. of dolls		55,966	55,835	56,981	60,232	63,718	64,332	66,028	60,370	66,839	70,165	65,415	69,642
Gas and Electric Power													
Electric power companies, gross revenue........thous. of dolls		172,240	167,380	[2] 187,190	168,510	171,550	176,210	175,840	182,280	[2] 196,170	191,920	187,340	182,950

[2] Revised.

[3] Quarter ending in month indicated.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931 October	1931 September	1931 August	1931 July	1931 June	1931 May	1931 April	1931 March	1931 February	1931 January	1930 December	1930 November	1930 October
PUBLIC UTTILIIES													
Gas and Electric Power													
Electric power production:													
United States—													
Total .... mills. of kw. hrs.	7,708	[2]7,531	[2]7,628	[2]7,766	7,526	7,639	7,643	7,876	7,160	7,947	8,108	7,693	8,195
By fuels .... mills. of kw. hrs.	5,667	[2]5,340	[2]5,165	[2]5,022	4,642	4,500	4,520	5,243	5,001	5,597	5,746	5,502	5,906
By water power .... mills. of kw. hrs.	2,041	[2]2,191	[2]2,463	2,744	2,884	3,139	3,123	2,633	2,159	2,350	2,362	2,191	2,289
In street railways, manufacturing plants, etc. .... mills. of kw. hrs.	418	445	470	506	509	447	454	452	410	460	502	465	486
In central stations .... mills. of kw. hrs.	7,290	[2]7,086	[2]7,158	[2]7,260	7,017	7,192	7,189	7,424	6,750	7,487	7,606	7,228	7,709
Canada—													
Total .... mills. of kw. hrs.	--------	1,288	1,256	[2]1,251	[2]1,290	[2]1,366	[2]1,411	[2]1,418	[2]1,339	[2]1,489	1,542	1,515	1,575
By water power .... mills. of kw. hrs.	--------	1,263	1,234	[2]1,231	1,268	1,343	1,388	1,392	1,311	1,456	1,513	1,488	1,550
Exported .... mills. of kw. hrs.	--------	93	100	95	89	87	98	128	145	162	149	142	161
Manufactured gas:													
Sales .... mills. cu. ft.	--------	25,985	23,527	24,741	28,310	29,865	30,731	30,945	31,110	33,478	31,320	29,757	29,377
Revenue .... thous. of dolls.	--------	28,681	26,046	27,337	30,654	31,827	32,356	32,386	32,504	34,947	32,963	31,751	31,698
Natural gas:													
Sales .... mills. cu. ft.	--------	33,823	31,661	32,834	36,821	43,340	52,568	54,729	56,242	63,338	56,529	49,386	40,930
Revenue .... thous. of dolls.	--------	13,490	12,813	13,482	16,159	20,108	24,225	26,031	27,124	31,037	26,816	22,426	17,031
Rate of manufacturing operations (based on consumption of electric energy for power purposes). (See under Industrial production.)													
Telephone													
Telephone companies:													
Operating revenues .... thous. of dolls.	--------	73,414	73,337	74,802	75,919	76,804	77,098	77,214	73,277	76,824	77,820	76,139	79,173
Operating income .... thous. of dolls.	--------	17,523	16,621	16,320	17,977	18,046	19,051	18,650	16,864	17,892	16,070	17,148	19,074
Telegraph													
Commercial telegraph tolls .... thous. of dolls.	--------	8,441	8,359	8,774	9,212	9,133	9,391	9,346	8,326	8,943	10,012	8,647	10,137
Operating revenues .... thous. of dolls.	--------	11,012	10,825	11,370	11,875	11,744	11,963	12,024	10,806	11,528	12,973	11,348	13,157
Operating income .... thous. of dolls.	--------	567	387	461	1,737	1,426	1,513	1,406	724	609	1,517	735	1,829
Transportation													
Express earnings:													
Operating income .... thous. of dolls.	--------	--------	134	139	105	107	129	119	134	128	102	124	118
Operating revenue .... thous. of dolls.	--------	--------	9,428	9,773	10,151	10,493	10,196	10,113	9,687	9,884	10,826	10,474	10,940
Inland waterways:													
Allegheny River .... short tons	213,562	246,551	294,720	237,024	143,627	169,760	134,854	52,700	49,620	56,740	64,170	230,423	246,832
Cape Cod Canal .... short tons	221,308	197,997	186,414	211,172	203,230	216,559	203,085	163,186	165,789	233,890	225,021	225,322	230,043
Mississippi River Govt. barges short tons	105,000	[2]106,931	104,266	101,300	86,016	99,901	82,465	82,970	69,572	75,512	107,507	83,480	102,569
Monongahela River. thous. of short tons	1,135	962	1,042	1,331	1,257	1,508	1,518	1,535	1,359	1,571	1,547	1,811	2,075
New York canals .... thous. of short tons	505	587	425	506	385	457	349	0	0	0	0	390	608
Ohio River—													
Cincinnati district .... thous. of short tons	--------	[3]315	--------	--------	[3]290	--------	--------	[3]65	--------	--------	[3]83	--------	--------
Huntington district .... thous. of short tons	--------	[3]1,193	--------	--------	[3]942	--------	--------	[3]765	--------	--------	[3]1,268	--------	--------
Louisville district .... thous. of short tons	--------	[3]856	--------	--------	[3]969	--------	--------	[3]464	--------	--------	[3]951	--------	--------
Pittsburg to Wheeling .... short tons	603,544	635,571	661,514	849,277	736,187	685,526	713,200	545,900	428,499	504,700	500,211	926,013	1,037,028
Pittsburg district .... thous. of short tons	--------	[3]2,135	--------	--------	[3]2,120	--------	--------	[3]1,484	--------	--------	[3]2,440	--------	--------
Panama Canal—													
Total cargo traffic. thous. of long tons	1,763	1,755	1,789	1,867	1,759	1,925	2,011	1,916	1,930	2,107	2,167	2,263	2,394
U. S. vessels .... thous. of long tons	930	884	859	820	828	937	929	910	864	958	953	1,009	1,133
In British vessels. thous. of long tons	327	318	378	466	453	421	436	429	448	540	536	615	546
St. Lawrence Canal. thous. of short tons	795	711	714	717	920	1,166	319	0	0	0	38	563	877
Sault Ste. Marie Canal .... thous. of short tons	6,248	7,126	8,385	7,611	6,645	4,335	922	0	0	0	312	5,130	9,094
Suez Canal .... thous. of met. tons	--------	1,813	1,860	1,963	2,027	2,403	2,396	2,440	2,474	2,744	2,246	2,186	2,217
Welland Canal .... short tons	821,454	968,763	972,976	871,513	1,015,469	1,165,853	370,003	0	0	0	68,400	583,907	916,563
Ocean traffic:													
Clearances, vessels in foreign trade—													
Total .... thous. of net tons	6,461	6,679	7,463	7,536	6,543	6,539	5,907	5,044	4,972	5,414	5,505	6,224	7,074
American .... thous. of net tons	2,420	2,478	2,734	2,742	2,241	2,525	2,092	1,773	1,695	1,843	1,991	2,501	2,651
Foreign .... thous. of net tons	4,041	4,201	4,729	4,794	4,302	4,014	3,815	3,271	3,277	3,571	3,514	3,723	4,423
Passenger travel:													
Arrivals from abroad—													
Immigrants .... number	3,913	5,017	4,090	3,174	3,534	3,709	3,470	3,577	3,147	4,091	6,439	9,209	13,942
United States citizens .... number	52,127	62,581	59,372	30,944	25,588	22,518	28,281	34,861	27,508	19,844	28,535	22,381	40,702
Departures abroad—													
Emigrants .... number	10,857	8,733	9,541	7,428	5,893	5,616	5,647	4,693	4,720	4,397	5,450	4,951	5,352
United States citizens .... number	35,016	42,247	65,895	46,961	29,579	23,242	24,418	32,278	33,172	24,885	21,140	24,420	32,988
Passports issued .... number	7,345	8,812	10,749	17,667	27,689	28,513	21,466	14,328	7,255	7,445	6,565	7,496	7,834
Pullman Company operations:													
Revenue .... thous. of dolls.	--------	5,409	5,564	5,413	5,470	5,055	5,238	4,894	5,346	6,072	5,418	5,205	6,016
Passengers carried .... thousands	--------	1,969	2,091	2,023	2,051	1,900	1,986	1,966	1,919	2,203	2,180	2,031	2,278
Trend of business in hotels:													
Average sale per occupied room .... dollars	351	3.65	3.64	3.55	3.58	3.50	3.73	3.63	3.84	3.80	3.72	3.96	3.90
Room occupancy .... p. ct. of capacity	60	58	54	54	56	61	63	61	64	66	60	65	69
Steam railways:													
Equipment—													
Freight cars—													
In bad order, end of month—													
Quantity .... cars	194,948	194,127	187,585	181,702	172,776	170,165	162,966	162,117	153,606	147,650	147,334	155,883	157,727
Ratio to total cars .... per cent	9.0	8.9	8.6	8.3	7.9	7.7	7.4	7.3	6.9	6.7	6.6	7.0	7.1
New orders .... cars	798	3	534	443	972	46	2,768	2,166	24	0	2,691	2,862	3,291
Owned, end of month—													
Quantity .... thous. of cars	2,211	2,216	2,220	2,224	2,229	2,244	2,249	2,251	2,253	2,254	2,258	2,271	2,272
Capacity .... mills. of lbs.	207,259	207,639	207,947	208,207	208,579	209,645	209,958	210,102	210,235	210,229	210,426	211,788	211,823
Shipments—													
Total .... cars	404	780	524	341	615	648	1,082	762	633	845	607	1,182	2,384
Domestic .... cars	404	776	499	341	555	646	1,082	657	533	735	436	1,139	2,307
Unfilled orders (railroads)—													
Total .... cars	4,610	5,100	5,746	6,466	7,179	6,585	7,542	7,484	8,637	8,799	9,780	3,716	5,423
Of manufacturers .... cars	314	534	866	1,336	2,070	1,599	2,176	1,569	2,207	2,681	3,376	1,125	2,445
In railroad shops .... cars	4,296	4,566	4,880	5,130	5,109	4,986	5,366	5,915	6,430	6,118	6,404	2,591	2,978
Locomotives (*Am. Ry. Assc.*)—													
Exports, steam .... number	1	11	0	2	1	3	5	0	2	2	3	0	5

[2] Revised.

[3] Quarter ending in month indicated.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931										1930		
	October	September	August	July	June	May	April	March	February	January	December	November	October
PUBLIC UTILITIES—Continued													
Locomotives													
In bad order, end of month—													
Awaiting classified repairs ....number	6,485	6,310	6,173	5,913	5,938	5,910	5,958	5,967	5,734	5,522	5,216	5,102	4,936
Ratio to total locomotives ....per cent	12.0	11.7	11.4	10.9	10.9	10.8	10.9	10.9	10.4	10.0	9.5	9.2	8.9
Installed........number	61	51	95	66	114	94	67	77	86	80	92	98	127
New orders........number	0	1	6	3	2	151	7	8	8	2	60	4	7
Retired........number	139	113	122	108	291	182	151	161	128	182	390	268	206
Owned, end of month—													
Quantity........number	54,889	54,967	55,029	55,056	55,098	55,278	55,366	55,450	55,534	55,576	55,678	55,985	56,157
Tractive power......mills. of lbs	2,509	2,512	2,514	2,513	2,513	2,518	2,520	2,522	2,525	2,525	2,528	2,538	2,541
Shipments, manufacturers (Census)—													
Total........number	9	4	13	13	19	26	15	10	15	16	49	43	50
Electric, domestic........number	0	0	1	1	0	0	2	5	5	6	7	6	2
Steam, domestic........number	8	4	2	11	19	26	12	5	10	10	37	37	48
Shipments, electric locomotives—													
Industrial (quarterly)....number		[3] 3			[3] 4			[3] 17			[3] 23		
Mining (quarterly)......number		[3] 37			[3] 82			[3] 60			[3] 76		
Unfilled orders (railroads), end of mo....													
Of manufacturers........number	15	15	16	18	20	31	57	60	57	64	90	59	102
In railroad shops........number	4	12	13	14	16	20	24	26	29	30	30	33	37
Unfilled orders, manufacturers' (Census)—													
Total........number	112	120	74	86	95	58	80	95	103	91	104	93	132
Electric, domestic........number	105	105	55	55	54	0	0	2	7	12	18	25	31
Steam, domestic........number	7	14	18	20	30	47	69	81	85	78	86	63	96
Passenger cars—													
In railroad hands, end of quarter ....number		[3] 50,958			[3] 51,136			[3] 51,489			[3] 51,644		
New orders........cars	0	0	0	0	0	0	4	0	0	0	2	10	0
Shipments—													
Total........cars	21	0	8	2	13	38	37	24	30	33	8	67	73
Domestic........cars	0	0	8	2	13	38	37	24	30	33	8	67	73
Unfilled orders, end of quarter ....number		[3] 16			[3] 24			[3] 125			[3] 264		
Financial operations—													
Net operating income..thous. of dolls		55,319	55,859	56,535	50,163	41,264	39,074	45,906	27,264	33,849	49,372	62,069	112,251
Operating revenues—													
Canada........thous. of dolls			28,265	29,352	30,480	30,934	30,912	30,613	26,788	28,141	33,450	35,474	42,093
United States—													
Total........thous. of dolls		350,335	364,525	377,146	369,810	369,020	369,652	376,149	336,632	365,900	377,933	398,786	483,455
Freight........thous. of dolls		270,239	280,103	290,348	281,261	283,161	283,711	291,289	257,521	277,014	280,909	311,042	385,684
Passengers....thous. of dolls		44,757	49,183	50,272	50,957	46,981	47,272	47,150	46,455	53,349	55,443	48,710	52,368
Operating expenses....thous. of dolls		258,223	269,463	280,127	280,145	288,067	290,618	291,582	272,116	294,082	297,606	299,301	336,286
Net operating revenue, Canada ....thous. of dolls			1,871	2,049	1,898	2,166	3,640	3,112	121	424	5,910	7,579	11,408
Freight cars—													
Carloadings*—													
Total........thous. of cars	3,813	2,908	3,747	2,931	2,992	3,736	2,986	2,940	2,836	3,491	2,784	*4,127	3,818
Coal and coke......thous. of cars	755	516	617	452	465	611	486	555	584	817	638	852	733
Forest products.....thous. of cars	123	104	138	106	125	165	130	138	138	156	121	174	159
Grain and grain products ....thous. of cars	193	149	228	220	140	180	151	153	165	196	143	196	163
Livestock........thous. of cars	145	96	106	71	75	106	85	79	88	124	94	140	129
Ore........thous. of cars	102	121	175	139	119	80	29	23	22	26	22	92	154
Merchandise, l. c. l..thous. of cars	1,081	841	1,069	830	876	1,097	899	886	842	997	820	1,133	966
Miscellaneous......thous. of cars	1,415	1,081	1,413	1,113	1,192	1,496	1,206	1,105	997	1,175	946	1,546	1,514
Car surplus (daily average, last week of month)—													
Total........cars	535,254	564,284	573,680	564,068	599,282	615,924	692,832	621,509	650,964	646,750	706,538	580,498	402,637
Box........cars	290,369	293,424	302,887	288,414	306,443	306,319	282,315	298,837	324,938	326,577	380,603	304,100	230,705
Coal........cars	185,442	209,765	206,240	211,044	224,120	238,504	251,679	252,825	253,515	240,292	251,358	213,752	126,935
Operation results—													
Freight carried 1 mile—													
Canada........mills. of tons			1,636	1,770	2,207	2,178	2,136	2,104	1,951	2,016	2,239	2,633	3,096
United States..mills. of tons		27,847	29,348	30,276	28,258	30,014	28,710	29,960	27,079	30,314	29,026	32,295	39,292
Passengers carried 1 mile..millions			2,077	2,116	2,034	1,870	1,831	1,758	1,747	1,915	2,015	1,828	1,959
Receipts per ton-mile......cents			1.041	1.051	1.090	1.051	1.093	1.074	1.049	1.015	1.052	1.050	1.063
FINANCE													
Agricultural Finances													
Loans outstanding, end of month:													
Federal land banks........mills. of dolls	1,171	1,174	1,178	1,179	1,182	1,184	1,185	1,187	1,187	1,187	1,187	1,188	1,189
Federal intermediate credit banks ....mills. of dolls	124	130	133	137	137	131	138	138	128	128	130	132	126
Joint-stock land banks........mills. of dolls	540	545	548	551	532	536	540	544	548	550	553	567	560
Banking													
Acceptances and commercial paper:													
Bankers acceptances outstanding—													
Total........mills. of dolls	1,040	996	1,090	1,228	1,368	1,413	1,422	1,467	1,520	1,520	[illegible]	1,571	1,508
Held by Federal reserve banks—													
For own account......mills. of dolls	647	420	70	30	95	124	162	123	85	89	328	143	141
For account of foreign correspondents ....mills. of dolls	99	100	228	243	341	380	409	431	450	447	439	429	433
Held by group of accepting banks—													
Own bills........mills. of dolls	112	162	168	232	106	171	125	131	151	134	90	180	172
Bills bought........mills. of dolls	118	248	439	436	357	293	285	341	398	437	282	314	212
Held by others........mills. of dolls	63	66	185	278	379	444	441	441	430	412	417	507	550
Commercial paper outstanding ....mills. of dolls	210	243	271	299	292	305	307	311	315	327	358	[illegible]	485
Bank debits:													
Canada........mills. of dolls		2,451	2,244	2,400	2,694	3,172	2,786	2,570	2,535	2,668	3,012	2,974	3,618
New York City........mills. of dolls	20,678	20,073	17,501	21,007	25,893	25,072	26,821	27,589	20,948	24,557	29,001	22,490	30,781
Outside New York City...mills. of dolls	18,125	16,627	16,526	18,444	19,406	18,858	19,620	19,421	17,084	21,697	22,113	19,700	[2] 23,679
Outside New York City...rel. to 1923-25	91.9	84.3	83.8	93.5	98.4	95.6	99.5	98.4	86.6	110.0	117.2	99.9	[2] 120.9

* Data for January, May, and October, 1931, and November 1930, are for 5 weeks, other months 4 weeks.
[2] Revised.
[3] Quarter ending in month indicated.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931 October	1931 September	1931 August	1931 July	1931 June	1931 May	1931 April	1931 March	1931 February	1931 January	1930 December	1930 November	1930 October
FINANCE—Continued													
Banking—Continued													
Brokers' loans, end of month:													
By N. Y. F. R. member banks ……mills. of dolls.	869	1,172	1,366	1,390	1,479	1,539	1,730	1,875	1,798	1,734	1,926	2,111	2,512
Ratio to market value……per cent	2.33	3.23	3.04	3.03	2.93	3.37	3.40	3.58	3.22	3.30	3.86	4.06	4.65
Total……mills. of dolls.	796	1,044	1,354	1,344	1,391	1,435	1,651	1,909	1,840	1,720	1,894	2,162	2,556
Federal reserve banks:													
Bills discounted……mills. of dolls.	728	328	255	195	149	174	157	250	198	232	251	275	207
Member bank reserve account ……mills. of dolls.	2,167	2,364	2,373	2,367	2,381	2,389	2,371	2,428	2,343	2,398	2,471	2,373	2,418
Notes in circulation……mills. of dolls.	2,429	2,098	1,963	1,765	1,723	1,580	1,535	1,486	1,478	1,494	1,664	1,455	1,368
Reserve bank credit……mills. of dolls.	2,184	1,578	1,255	976	943	917	937	990	925	980	1,373	1,079	998
Total deposits……mills. of dolls.	2,380	2,506	2,632	2,527	2,504	2,442	2,434	2,506	2,399	2,448	2,517	2,422	2,465
Total investments……mills. of dolls.	1,408	1,211	943	751	773	724	761	723	708	735	1,100	780	765
Total reserve……mills. of dolls.	2,903	3,301	3,619	3,597	3,576	3,413	3,334	3,296	3,244	3,243	3,082	3,115	3,149
Federal reserve member banks:													
Net demand deposits……mills. of dolls.	12,449	13,227	13,244	13,473	13,088	13,605	13,664	13,748	13,614	13,680	13,999	13,908	13,830
Total investments……mills. of dolls.	7,700	7,916	7,665	7,810	7,795	7,807	7,903	7,551	7,183	6,843	6,693	6,800	6,731
Total loans and discounts……mills. of dolls.	13,521	14,191	14,398	14,486	14,691	14,730	14,993	15,382	15,464	15,753	16,263	16,516	16,764
Interest rates:													
Call loans, renewal……per cent	2.10	1.50	1.50	1.50	1.50	1.45	1.52	1.55	1.50	1.57	2.23	2.00	2.00
Federal land banks……per cent	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63
Intermediate credit banks……per cent	4.06	3.81	3.81	3.81	3.90	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
New York Federal Reserve Bank (discount rate)……per cent	* 3.50	1.50	1.50	1.50	1.50	* 1.50	2.00	2.00	2.00	2.00	* 2.00	2.50	2.50
Prime bankers' acceptances……per cent	2.50	1.07	.88	.88	.88	2.00	1.50	1.50	1.44	1.56	1.88	1.88	1.88
Prime commercial paper (4–6 months) ……per cent	3.13	2.00	2.00	2.00	2.00	2.13	2.38	2.50	2.63	2.88	2.88	2.88	3.00
Time loans, 90 days……per cent	3.25	1.63	1.38	1.38	1.50	1.75	2.00	2.13	1.88	2.13	2.25	2.13	2.50
Savings deposits:													
New York State……mills. of dolls.	5,217	5,231	5,173	5,149	5,156	5,032	5,059	5,018	4,928	4,888	4,792	4,666	4,658
United States postal savings system—													
Deposits……thous. of dolls.					43,505	31,822	32,061	29,337	31,353	51,585	58,879	20,197	14,783
Withdrawals……thous. of dolls.					21,117	20,568	20,944	18,638	17,648	13,611	14,167	12,072	12,084
Balance to credit of depositors ……thous. of dolls.	527,130	460,915	414,986	370,827	347,417	325,028	313,775	302,658	292,059	278,353	245,379	206,668	192,543
Balance on deposit in banks ……thous. of dolls.	447,300	401,200	368,000	332,600	306,120	289,034	278,504	267,790	255,265	240,216	209,569	170,131	164,655
Business Failures													
Firms (United States):													
Banks……number	512	[2]305	158	93	167	89	64	86	77	202	344	254	72
Total commercial……number	2,362	1,936	1,944	1,983	1,993	2,248	2,386	2,604	2,563	3,316	2,525	2,031	2,124
Manufacturers……number	614	449	427	520	449	552	515	582	583	611	537	448	499
Trade establishments……number	1,605	1,374	1,381	1,322	1,435	1,570	1,710	1,843	1,831	2,541	1,834	1,447	1,474
Agents and brokers……number	143	113	136	141	109	126	158	179	149	164	154	136	151
By groups—													
Manufacturers—													
Total……number	614	449	427	520	449	552	515	582	583	611	537	448	499
Chemicals……number	11	13	9	13	7	12	9	5	13	10	9	5	7
Foodstuffs……number	50	40	30	31	64	43	38	37	37	32	34	27	35
Leather……number	18	14	18	16	26	14	12	23	14	17	14	8	15
Liquors and tobacco……number	14	10	7	6	10	4	6	9	9	6	6	10	14
Lumber……number	54	49	52	39	57	65	75	61	72	76	77	71	54
Printing and engraving……number	32	23	14	17	21	27	10	27	15	21	15	18	20
Stone, clay, and glass……number	9	6	6	13	7	9	5	7	4	11	12	14	12
Textiles……number	81	64	61	75	53	78	78	79	96	124	85	71	97
Metals……number	55	32	49	49	37	50	55	52	54	44	34	34	34
All other……number	290	193	181	258	167	250	227	282	269	270	251	190	211
Traders—													
Total……number	1,605	1,374	1,381	1,322	1,435	1,570	1,710	1,843	1,831	2,541	1,834	1,447	1,474
Books and paper……number	18	15	12	19	20	19	18	28	19	15	15	11	18
Chemicals and paints……number	112	90	109	86	84	108	98	107	93	117	114	111	94
Clothing……number	284	273	220	257	235	295	351	400	381	633	444	261	250
Foods and tobacco……number	447	353	441	363	360	401	451	441	438	476	461	393	398
General stores……number	105	87	78	66	89	88	109	152	131	220	138	104	108
Household furniture……number	260	234	235	239	243	357	297	358	407	571	290	245	253
All other……number	379	322	286	292	404	302	386	357	362	509	372	322	353
Firms (Canada)……number	256	[2] 230	164	223	174	196	204	213	253	296	295	237	[2] 219
Liabilities (United States):													
Banks……thous. of dolls.	566,686	237,061	185,902	41,334	[2] 195,951	43,963	42,417	35,285	35,123	78,130	367,119	186,306	24,599
Total commercial……thous. of dolls.	70,660	40,256	53,025	60,998	51,656	53,371	50,868	60,387	59,608	94,608	83,683	55,261	56,297
Manufacturers……thous. of dolls.	26,334	14,857	16,967	20,586	21,909	18,506	18,719	24,072	25,304	47,633	19,948	19,438	17,989
Trade establishments……thous. of dolls.	29,486	24,658	25,848	28,091	25,934	25,069	26,386	30,348	30,852	43,071	28,853	21,217	22,096
Agents and brokers……thous. of dolls.	14,841	7,741	10,210	12,321	3,813	9,796	5,763	5,967	3,452	3,904	35,382	14,606	16,212
Liabilities (Canada)……thous. of dolls.	3,200	4,539	2,138	3,345	3,504	2,775	3,638	3,752	3,014	4,215	6,994	2,958	[2] 2,849
Dividend and Interest Payments													
Grand total……mills. of dolls.	747	533	490	946	762	560	749	594	524	1,121	713	579	[2] 777
Dividend payments:													
Total……mills. of dolls.	288	233	245	387	346	292	314	311	285	521	284	277	[2] 334
Industrial and miscellaneous……mills. of dolls.	225	174	170	267	237	213	236	236	217	386	221	212	[2] 252
Steam railroads……mills. of dolls.	36	27	34	42	34	33	38	46	45	56	39	39	44
Street railways……mills. of dolls.	9	6	6	11	7	8	9	7	9	16	14	12	[2] 10
Interest payments……mills. of dolls.	459	300	245	559	416	268	435	284	239	601	429	302	443
Foreign Exchange Rates													
America:													
Argentina……dolls. per gold peso	.520	.597	.646	.699	.703	.707	.765	.780	.719	.697	.756	.781	.781
Brazil……dolls. per milreis	.056	.059	.064	.072	.075	.067	.073	.079	.086	.091	.096	0	0
Canada……dolls. per Canadian doll.	.891	.963	.997	.997	.997	.999	1.000	1.000	1.000	.998	.999	1.001	1.001
Chile……dolls. per paper peso	.121	.120	.121	.121	.121	.121	.121	.121	.121	.121	.121	.121	.121
Asia:													
Japan……dolls. per yen	.493	.493	.494	.494	.494	.494	.494	.494	.494	.494	.496	.496	.496
India……dolls. per rupee	.287	.339	.359	.360	.360	.361	.361	.361	.359	.359	.359	.360	.360
Europe:													
Belgium……dolls. per belga	.140	.139	.139	.140	.139	.139	.139	.139	.139	.139	.140	.139	.139
England……dolls. per lb sterling	3.89	4.53	4.86	4.86	4.86	4.86	4.86	4.86	4.86	4.85	4.86	4.86	4.86
France……dolls. per franc	.039	.039	.039	.039	.039	.039	.039	.039	.039	.039	.039	.039	.039
Italy……dolls. per lira	.052	.052	.052	.052	.052	.052	.052	.052	.052	.052	.052	.052	.052
Netherlands……dolls. per guilder	.404	.403	.403	.403	.402	.402	.401	.401	.401	.402	.403	.402	.403
Sweden……dolls. per krone	.231	.261	.268	.268	.268	.268	.268	.268	.268	.268	.268	.268	.269
Switzerland……dolls. per franc	.196	.195	.195	.194	.194	.193	.193	.192	.193	.194	.194	.194	.194

* Rate changed Dec. 24, 1930, May 8, 1931, Oct. 9, to 2.50, and Oct. 16 to 3.50.

[2] Revised.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931 October	1931 September	1931 August	1931 July	1931 June	1931 May	1931 April	1931 March	1931 February	1931 January	1930 December	1930 November	1930 October
FINANCE—Continued													
Gold and Silver													
Gold:													
Domestic receipts at mint____fine ounces__	123,748	128,928	115,343	118,123	114,651	95,133	93,612	85,091	87,717	94,476	109,907	113,430	152,648
Exports__________thous. of dolls__	298,604	28,708	39	1,009	40	628	27	26	14	54	36	5,008	9,266
Earmarked for foreign account__________thous. of dolls__											137,695	127,536	120,410
Imports__________thous. of dolls__	60,907	[2] 49,269	57,539	[2] 20,512	63,887	50,258	49,543	25,671	16,156	34,426	32,778	40,159	35,635
Monetary stocks of U. S., daily average__________mills. of dolls__	4,447	4,948	4,975	4,958	4,865	4,767	4,711	4,682	4,656	4,622	4,583	4,553	4,520
Rand output__________fine ounces__		916,000	916,425	916,843	897,000	910,279	882,237	910,998	839,937	914,576	908,492	884,735	926,561
Silver:													
Exports__________thous. of dolls__	2,158	[2] 2,183	2,024	2,305	1,895	2,009	3,249	2,323	1,638	3,571	3,472	4,102	4,424
Imports__________thous. of dolls__	2,499	[2] 2,355	2,685	[2] 1,663	2,364	2,636	2,439	1,821	1,877	2,896	2,660	2,652	3,270
Price at New York_____dolls. per fine oz__	.295	.282	.275	.283	.273	.277	.283	.292	.268	.291	.326	.359	.358
Production—													
United States_______thous. of fine oz__	2,211	[2] 2,101	[1] 2,419	2,176	2,433	2,762	2,831	3,528	3,187	3,480	3,713	3,738	3,816
Canada__________thous. of fine oz__	2,117	1,403	1,610	2,133	731	1,836	1,139	1,431	1,772	1,932	2,043	1,412	2,291
Mexico__________thous. of fine oz__			6,814	6,390	7,041	7,374	9,535	6,510	6,944	8,751	8,481	8,712	8,889
Stocks, end of month—													
United States_______thous. of fine oz__	4,666	4,082	2,240	2,077	1,611	1,485	713	2,714	1,851	792	960	956	649
Canada__________thous. of fine oz__	1,110	989	1,363	754	958	1,423	1,509	796	702	694	179	216	217
Net Corporation Profits													
Grand total__________mills. of dolls__													
Total industrial and mercantile__________mills. of dolls__					[3] 159			[3] 125			[3] 116		
Automobile parts and accessories, exclusive of tires__________mills. of dolls__					[3] 65			[3] 30			[3] 10		
Food__________mills. of dolls__					[3] 35			[3] 31			[3] 30		
Oil__________mills. of dolls__					[3] 0			[3] 0			[3] 0		
Metals and mining__________mills. of dolls__					[3] 3			[3] 4			[3] 4		
Machinery__________mills. of dolls__					[3] 5			[3] 5			[3] 9		
Miscellaneous__________mills. of dolls__					[3] 53			[3] 48			[3] 43		
Steel and railroad equipment__________mills. of dolls__					[3] 9			[3] 8			[3] 16		
Class I railroads__________mills. of dolls__					[3] 131			[3] 107			[3] 226		
Other public utilities__________mills. of dolls__					[3] 78			[3] 81			[3] 94		
Telephones__________mills. of dolls__					[3] 69			[3] 68			[3] 68		
Life Insurance													
(Association of Life Insurance Presidents)													
Admitted life insurance assets (40 cos.):													
Grand total__________mills. of dolls__			16,070	15,978	15,871	15,769	15,662	15,573	15,474	15,392	15,293	15,217	15,120
Mortgage loans—													
Total__________mills. of dolls__			6,359	6,353	6,356	6,345	6,332	6,330	6,323	6,312	6,303	6,270	6,244
Farm__________mills. of dolls__			1,533	1,535	1,537	1,541	1,544	1,547	1,555	1,555	1,554	1,561	1,562
All other__________mills. of dolls__			4,826	4,818	4,819	4,804	4,788	4,783	4,768	4,757	4,749	4,709	4,682
Bonds and stocks (book value):													
Government__________mills. of dolls__			1,258	1,213	1,189	1,164	1,134	1,120	1,108	1,106	1,104	1,101	1,095
Public utility__________mills. of dolls__			1,667	1,662	1,644	1,611	1,605	1,578	1,572	1,545	1,531	1,526	1,521
Railroad__________mills. of dolls__			2,663	2,657	2,653	2,653	2,660	2,651	2,648	2,633	2,637	2,640	2,638
All other__________mills. of dolls__			504	503	504	499	495	487	485	478	475	469	465
Total__________mills. of dolls__			6,092	6,035	5,990	5,927	5,894	5,836	5,813	5,762	5,747	5,736	5,719
Policy loans and premium notes__________mills. of dolls__			2,409	2,388	2,363	2,331	2,300	2,273	2,241	2,212	2,169	2,127	2,098
Amount of new insurance (44 cos.):													
Group__________mills. of dolls__	41	37	46	46	81	72	99	62	104	78	131	59	52
Industrial__________mills. of dolls__	214	199	247	253	251	236	225	247	209	214	229	208	244
Ordinary__________mills. of dolls__	563	484	547	606	673	672	691	720	599	596	753	593	620
Total insurance__________mills. of dolls__	818	720	839	905	1,005	980	1,025	1,028	912	888	1,112	861	915
Policies and certificates, new (44 cos.):													
Group__________thous. of certificates__	18	22	26	22	45	35	59	28	60	44	59	28	35
Industrial__________thous. of policies__	761	723	995	994	926	845	865	881	731	750	794	741	847
Ordinary__________thous. of policies__	256	223	233	260	285	288	301	321	247	231	319	253	261
Total policies and certificates__thousands__	1,035	968	1,254	1,276	1,256	1,168	1,225	1,230	1,039	1,026	1,172	1,022	1,143
Premium collections (44 cos.): *													
Annuities__________thous. of dolls__	10,125	9,019	9,304	17,979	13,868	25,175	12,682	11,919	12,430	10,741	19,615	7,094	6,917
Group__________thous. of dolls__	7,484	7,521	7,895	8,114	8,117	8,037	8,398	8,790	8,748	10,108	9,591	7,269	7,944
Industrial__________thous. of dolls__	58,365	55,319	62,874	55,612	60,654	59,884	53,854	62,920	56,388	62,659	112,666	58,108	55,851
Ordinary__________thous. of dolls__	165,587	150,450	154,579	178,398	173,947	175,562	183,992	186,452	166,759	170,497	191,871	154,473	165,954
Total__________thous. of dolls__	241,561	222,309	234,652	260,103	256,586	268,658	258,926	270,081	244,325	254,005	333,743	226,944	236,666
Sales of ordinary life insurance (Life Insurance Sales Research Bureau):													
Canada, total, 15 cos______thous. of dolls__	36,006	30,066	35,738	39,977	46,227	41,314	45,648	46,945	40,180	41,188	49,874	46,868	46,019
United States, total______thous. of dolls__	599,855	535,353	589,497	634,902	734,614	724,206	754,002	770,440	647,140	628,607	795,642	653,131	685,755
Eastern manufacturing district__________thous. of dolls__	258,245	221,440	242,920	267,378	321,403	313,038	327,077	343,745	289,757	280,066	324,635	279,651	285,594
Far western district___thous. of dolls__	61,492	56,553	60,607	63,112	70,226	68,663	70,943	73,579	60,094	61,589	86,291	65,011	71,961
Southern district______thous. of dolls__	64,470	61,076	69,047	73,714	84,055	81,955	82,930	77,628	64,009	65,329	91,922	72,189	77,196
Western agricultural district__________thous. of dolls__	80,224	75,004	84,197	91,959	100,752	98,861	102,396	101,945	86,439	82,754	117,117	90,178	97,300
Western manufacturing district__________thous. of dolls__	135,424	121,280	132,726	138,739	158,178	161,689	170,657	173,543	146,841	138,869	175,677	146,102	153,704
Ordinary life insurance, lapse rates (Life Insurance Research Bureau):													
United States, total________rel. to 1925-26__		[3] 124			[3] 111			[3] 113			[3] 127		
East North Central____rel. to 1925-26__		[3] 140			[3] 123			[3] 116			[3] 139		
East South Central____rel. to 1925-26__		[3] 123			[3] 117			[3] 128			[3] 139		
Middle Atlantic________rel. to 1925-26__		[3] 140			[3] 127			[3] 128			[3] 143		
Mountain__________rel. to 1925-26__		[3] 113			[3] 95			[3] 108			[3] 125		
New England__________rel. to 1925-26__		[3] 122			[3] 105			[3] 114			[3] 141		
Pacific__________rel. to 1925-26__		[3] 116			[3] 103			[3] 98			[3] 114		
South Atlantic__________rel. to 1925-26__		[3] 107			[3] 100			[3] 109			[3] 121		
West North Central____rel. to 1925-26__		[3] 120			[3] 107			[3] 108			[3] 112		
West South Central____rel. to 1925-26__		[3] 122			[3] 110			[3] 119			[3] 124		

* For earlier data see table on page 21 of the October, 1931, issue. [2] Revised. [3] Quarter ending in month indicated.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931 October	1931 September	1931 August	1931 July	1931 June	1931 May	1931 April	1931 March	1931 February	1931 January	1930 December	1930 November	1930 October
FINANCE—Continued													
Public Finance													
Customs receipts ... thous. of dolls.	35,175	35,500	38,240	34,480	28,986	27,463	31,798	31,807	28,107	28,808	30,764	36,365	39,319
Expenditures chargeable to ordinary receipts ... thous. of dolls.	416,472	356,630	323,838	330,661	375,153	285,892	432,366	720,236	191,425	413,796	364,540	244,651	375,244
Government debt, gross, end of month ... mills. of dolls.	17,292	17,321	16,864	16,802	16,801	16,527	16,655	16,583	16,231	16,163	16,026	16,185	16,180
Total ordinary receipts ... thous. of dolls.	134,649	368,792	122,141	131,706	512,894	124,405	148,208	433,301	118,614	125,605	717,092	120,362	147,813
United States money in circulation ... mills. of dolls.	5,478	5,133	4,947	4,836	4,750	4,679	4,647	4,590	4,598	4,695	4,823	4,528	4,501
Stockholders													
American Telephone & Telegraph Co.:													
Domestic ... number		[3] 605,885			[3] 595,322			[3] 574,905			[3] 560,424		
Foreign ... number		[3] 6,870			[3] 6,735			[3] 6,383			[3] 6,184		
Pennsylvania R. R. Co.:													
Domestic ... number		[3] 241,391			[3] 240,734			[3] 235,306			[3] 233,414		
Foreign ... number		[3] 3,284			[3] 3,291			[3] 3,272			[3] 3,190		
U. S. Steel Corporation (common stock):													
Domestic ... number		[3] 166,316			[3] 153,718			[3] 147,440			[3] 143,221		
Foreign ... number		[3] 2,701			[3] 2,520			[3] 2,451			[3] 2,345		
Shares held by brokers ... p. ct. of total		[3] 13.16			[3] 14.37			[3] 15.68			[3] 16.20		
Stocks and Bonds													
BONDS													
Bond prices:													
Combined price index ... p. ct. of par, 4% bond	65.06	72.24	77.05	80.99	79.07	80.48	80.86	82.29	82.06	81.98	78.96	81.10	82.49
Highest-grade rails p. ct. of par, 4% bond	84.35	92.70	95.14	97.70	97.73	97.68	96.11	96.31	96.41	96.59	92.89	94.63	95.85
Industrial ... p. ct. of par, 4% bond	55.48	61.60	65.82	67.75	64.36	66.70	68.15	70.83	70.72	70.98	68.61	70.53	71.63
Public utility ... p. ct. of par, 4% bond	71.93	78.40	82.81	83.68	82.76	80.91	80.06	79.59	79.00	78.14	75.54	77.32	78.92
Second-grade rails p. ct. of par, 4% bond	56.49	64.11	70.76	80.34	78.51	82.54	84.03	86.58	86.39	86.54	82.78	85.85	87.49
Bond prices, 1st of following month:													
50 domestic bonds ... p. ct. of par	92.96	96.32	99.98	100.38	100.25	99.89	100.12	100.15	100.27	99.57	99.54	99.68	100.08
40 representative issues ... p. ct. of par	56.10	53.98	71.02	72.32	83.84	81.01	85.30	88.03	86.67	84.56	81.53	84.05	86.08
5 Liberty bonds ... p. ct. of par	100.37	103.76	106.04	106.09	106.30	106.84	105.77	105.37	104.85	104.23	105.53	106.41	106.06
Bond yields:													
Industrial (15) ... per cent	6.21	5.64	5.26	5.13	5.25	5.24	5.10	4.98	5.01	4.99	5.12	4.97	4.89
Liberty and Treasury bonds ... per cent	3.71	[2] 3.42	3.34	3.32	3.30	3.31	3.38	3.39	3.40	3.33	3.34	3.32	3.34
Municipal (15) ... per cent	4.51	4.00	3.88	3.88	3.76	3.75	3.80	3.89	3.95	3.92	4.05	4.00	3.94
Municipal bond yield (20) ... per cent	4.34	[2] 4.06	3.85	3.86	3.84	3.74	3.85	3.90	4.03	4.05	4.12	4.06	3.99
Railroads (15) ... per cent	5.14	4.66	4.47	4.32	4.32	4.27	4.33	4.27	4.27	4.25	4.41	4.32	4.25
U. S. Treasury notes and certificates, 3–6 mos ... per cent	1.70	.45	.42	.41	.55	.88	1.49	1.38	1.06	1.24	1.48	1.40	1.74
Utilities (15) ... per cent	4.77	4.50	4.40	4.42	4.46	4.44	4.46	4.48	4.54	4.56	4.61	4.57	4.53
Total, 60 high grade ... per cent	5.16	4.70	4.50	4.44	4.45	4.43	4.43	4.41	4.44	4.43	4.55	4.46	4.41
Long-term real-estate bonds issued:													
Grand total ... thous. of dolls.	9,125	66,785	2,100	775	3,425	9,485	7,235	2,015	3,590	4,520	29,877	9,965	6,635
Interest rates ... per cent	5.00	5.80	5.76	5.78	5.69	5.43	5.68	5.66	5.36	5.81	5.75	5.74	5.61
Kind of structure—													
Apartments ... thous. of dolls.	0	0	0	0	0	0	250	0	0	0	0	110	175
Hotels ... thous. of dolls.	0	0	0	0	0	265	0	0	0	1,250	340	0	0
Office and commercial thous. of dolls.	9,125	66,445	1,985	175	2,700	8,650	4,400	1,475	2,000	1,200	28,972	9,300	3,050
Purpose of issue—													
Acquisitions and improvements ... thous. of dolls.	0	0	0	0	0	265	0	210	0	1,250	850	0	2,000
Finance construction thous. of dolls.	500	395	565	600	1,000	0	1,700	1,000	1,500	2,850	530	1,595	1,210
Real-estate mortgage thous. of dolls.	8,625	66,090	635	0	425	9,220	3,135	630	1,090	0	27,945	5,120	1,975
STOCKS													
Stock prices, average daily closing:													
25 industrials, average ... dolls. per share	146.65	156.80	190.59	193.83	198.56	193.75	215.74	237.52	235.29	214.18	212.34	227.60	240.49
25 industrials, average ... rel. to 1923–25	117.2	125.3	152.3	154.9	158.6	154.8	172.4	189.8	188.0	171.1	169.6	181.8	191.1
25 railroads, average ... dolls per share	44.72	46.44	57.87	64.88	68.09	65.89	74.97	84.55	92.03	90.38	82.00	90.23	97.30
25 railroads, average ... rel to 1923–25	63.9	66.4	82.7	92.8	97.4	94.2	107.2	120.9	131.6	129.2	117.2	129.0	139.1
103 stocks, average ... dolls. per share	23.85	22.00	32.48	33.35	35.81	31.39	36.38	40.49	44.00	40.69	38.09	42.12	43.44
Stock prices, average weekly closing:													
All groups (404) ... rel. to 1926	69.7	81.7	95.5	98.2	95.1	98.0	109.2	121.6	119.8	112.3	109.4	116.7	127.6
All railroads (33) ... rel. to 1926	48.4	56.1	66.2	75.3	74.0	76.8	87.3	97.2	104.7	100.4	93.5	102.1	110.9
All utilities (34) ... rel. to 1926	111.9	131.9	154.0	157.5	153.0	156.4	169.8	188.9	177.9	163.4	157.9	167.4	187.0
Industrials, rails and utilities (337) ... rel. to 1926	64.8	75.8	88.5	89.8	86.5	89.4	100.3	111.8	110.3	103.4	101.9	108.5	117.8
Agricultural implements (4) rel. to 1926	80.1	94.0	115.0	130.7	129.2	140.3	150.5	178.6	174.0	161.7	169.7	195.8	211.7
Airplanes (10) ... rel. to 1926	121.5	158.1	194.1	196.3	189.7	202.3	227.6	268.2	237.3	202.5	177.0	214.9	269.6
Automobiles and trucks (13) rel. to 1926	70.4	84.7	103.4	104.9	101.2	110.0	117.4	128.6	120.4	106.2	100.3	101.2	108.0
Automobile tires and rubber goods (7) ... rel. to 1926	31.3	41.1	49.1	50.2	46.7	46.4	50.0	57.5	54.4	50.6	54.9	56.0	52.5
Chain stores (17) ... rel. to 1926	69.7	80.0	91.6	89.2	88.5	88.8	86.2	89.9	86.4	78.4	78.1	81.7	88.1
Copper and brass (9) ... rel. to 1926	43.0	50.0	61.0	65.8	62.0	66.7	79.4	95.7	90.8	82.1	79.9	90.8	92.6
Food, other than meat (20) rel. to 1926	84.3	96.7	112.0	112.2	111.9	117.7	127.1	136.9	133.2	127.2	123.0	126.4	133.5
Machinery and machine equipment (10) ... rel. to 1926	59.3	71.6	84.2	88.0	83.4	88.7	109.4	125.1	125.8	120.4	116.9	120.3	134.4
Oil producing and refining (16) ... rel. to 1926	53.1	60.0	69.9	67.4	63.1	63.2	74.1	84.5	90.7	89.1	87.8	96.9	106.4
Railroad equipment (9) ... rel. to 1926	41.2	46.4	54.5	57.2	54.6	57.1	67.5	78.2	77.4	74.1	72.9	76.8	82.0
Rayon (5) ... rel. to 1926	42.6	45.9	48.4	48.9	48.6	48.6	52.6	51.5	52.2	53.8	58.2	67.9	64.6
Steel and iron (9) ... rel. to 1926	41.7	54.8	65.2	71.8	68.2	72.1	86.1	102.9	101.2	89.8	91.6	99.5	115.4
Textiles (30) ... rel. to 1926	35.9	40.4	44.7	45.8	45.0	47.4	52.2	58.2	55.3	52.5	51.0	54.9	58.2
Theaters, motion pictures and amusements (7) ... rel. to 1926	28.3	37.9	43.4	44.5	44.6	44.3	61.3	76.1	80.2	69.4	66.7	77.7	87.8
Tobacco and tobacco products (10) ... rel. to 1926	104.7	117.5	136.9	141.0	133.5	137.3	144.3	143.8	137.4	131.5	125.6	129.2	136.8
Traction, motor transportation (9) ... rel. to 1926	43.6	51.1	59.8	62.7	63.2	60.8	61.9	67.1	66.3	63.1	63.3	67.9	72.3

[2] Revised. [3] Quarter ending in month indicated.

MONTHLY BUSINESS STATISTICS—Continued

Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey	1931 October	1931 September	1931 August	1931 July	1931 June	1931 May	1931 April	1931 March	1931 February	1931 January	1930 December	1930 November	1930 October
FINANCE—Continued													
Stocks and Bonds—Continued													
STOCKS—Continued													
Stock sales, N. Y. Stock Exchange .... thous. of shares	47,895	51,140	24,890	33,540	58,719	46,661	54,335	65,494	64,145	52,543	58,764	51,946	65,497
Stock yields:													
Preferred high-grade industrial (20) .... per cent	6.40	6.03	5.80	5.77	5.85	5.71	5.59	5.54	5.61	5.66	5.77	5.62	5.52
Total common (90) .... per cent	7.28	6.51	5.74	5.60	5.96	5.95	5.43	4.95	5.12	5.50	5.62	5.43	5.05
Industrials (50) .... per cent	7.49	6.63	5.94	5.89	6.26	6.23	5.69	5.17	5.35	5.73	5.79	5.69	5.39
Public utilities (20) .... per cent	5.74	5.11	4.36	4.33	4.47	4.42	4.04	3.60	3.89	4.26	4.37	4.16	3.64
Railroads (20) .... per cent	10.07	9.59	8.15	7.54	7.76	7.91	7.12	6.75	6.29	6.56	7.05	6.46	5.98
New Security Issues													
Bond sales, Canada:													
Total .... thous. of dolls	436	[1] 51,073	1,923	7,133	62,240	666,840	57,994	44,958	39,834	109,864	46,839	69,563	156,873
Corporation .... thous. of dolls	150	240	400	683	5,085	9,660	3,975	17,054	19,300	2,685	12,355	7,000	33,690
Dominion and provincial .... thous. of dolls	0	0	0	5,000	33,650	650,141	25,764	8,057	8,000	35,444	7,714	60,000	112,404
Municipal .... thous. of dolls	286	833	1,523	1,450	13,505	7,039	28,254	18,097	12,534	1,735	2,520	2,563	10,779
Railways .... thous. of dolls	0	50,000	0	0	0	0	0	1,750	0	70,000	24,250	0	0
Bond sales (U. S.):													
Corporation—													
Total .... thous. of dolls	17,891	176,264	51,997	155,934	252,918	250,599	456,078	401,229	88,226	580,706	187,644	141,855	213,795
Class of industry—													
Industrial .... thous. of dolls	2,160	4,550	9,197	15,439	6,350	4,850	96,932	82,400	2,925	69,173	21,889	10,562	44,605
Land and buildings .... thous. of dolls	9,625	67,009	2,650	1,651	3,813	10,415	7,577	3,765	6,405	8,021	30,002	15,365	8,740
Oil .... thous. of dolls	0	0	400	0	5,000	2,000	4,940	2,053	0	1,500	0	4,250	35,750
Public utilities .... thous. of dolls	2,000	42,000	27,456	136,800	220,416	210,025	305,661	101,393	64,266	324,108	116,778	89,738	104,642
Railroads .... thous. of dolls	0	60,000	12,295	0	16,113	22,500	6,000	200,018	12,000	175,004	14,250	7,600	5,000
Shipping and miscellaneous .... thous. of dolls	4,196	2,625	0	2,044	1,226	800	35,568	11,600	2,630	2,900	4,725	14,340	15,058
Purpose of issue—													
New capital .... thous. of dolls	17,391	156,331	46,197	115,070	131,343	169,360	267,471	269,030	74,251	399,848	180,872	137,622	151,148
Refunding .... thous. of dolls	500	19,893	5,800	40,864	121,575	81,239	189,207	132,199	13,975	180,858	6,772	4,233	62,647
Type of security—													
Bonds and notes .... thous. of dolls	14,285	163,399	39,835	153,814	247,034	190,065	354,969	391,758	61,460	535,404	114,135	123,417	183,659
Stocks .... thous. of dolls	3,606	12,865	12,162	2,120	5,884	60,525	101,709	9,471	26,766	45,302	73,509	18,438	30,136
Bond sales on N. Y. Stock Exchange:													
Miscellaneous .... thous. of dolls	290,822	267,323	191,035	219,615	252,585	221,256	215,661	238,298	174,535	247,308	250,707	182,906	264,357
Liberty—Treasury .... thous. of dolls	56,157	38,493	8,675	8,284	15,167	14,431	12,127	8,723	19,911	16,809	15,055	6,640	7,773
Total .... thous. of dolls	346,979	305,816	199,710	227,899	267,752	235,687	227,788	247,021	194,446	264,117	265,762	189,546	272,130
Foreign governments .... thous. of dolls	0	0	0	0	0	0	0	0	0	0	0	9,500	0
Foreign loans in the United States .... thous. of dolls	0	[1] 23,602	0	1,900	38,800	69,184	44,303	13,791	8,707	95,657	22,377	5,662	103,545
States and municipalities:													
Permanent loans .... thous. of dolls	15,650	121,392	[1] 75,818	91,327	[1] 120,336	169,022	111,395	[1] 279,443	119,589	49,977	97,703	93,982	158,380
Temporary loans .... thous. of dolls	49,664	[1] 102,129	[1] 91,522	45,602	30,892	24,785	196,598	[1] 64,979	[1] 238,436	[1] 81,697	76,531	80,422	81,222

[1] Revised

EXPLANATORY

The Survey of Current Business is designed to present each month a picture of the business situation by setting forth the principal facts regarding the various lines of trade and industry. The figures are very largely those already in existence. The chief function of the Survey is to bring together those data which, if available at all, are scattered in hundreds of different publications. A portion of these data are collected by Government departments, other figures are compiled by technical journals, and still others are reported by trade associations. The Survey of Current Business computes the indexes on total stocks, new orders, agricultural marketings, crop marketings, and unfilled orders based on available data.

SOURCES OF DATA

The sources and inclusiveness of the data appearing in the table "Monthly Business Statistics" will be found noted in the 1931 Annual Supplement to the Survey of Current Business, and the sources of the weekly data are given on page 4 of the February 5, 1931, issue of the Weekly Supplement to the Survey of Current Business.

HISTORICAL DATA

Monthly data on all the various series carried in the Monthly Survey will be found in the 1931 Annual Supplement to the Survey, running back seven years and in some cases eight years. Data previous to that included in the 1931 Annual Supplement will be found in the monthly Surveys prior to 1924.

RELATIVE AND INDEX NUMBERS

To facilitate comparison between different important items and to chart series expressed in different units, relative numbers (often called "index numbers," a term referring more particularly to a special kind of numbers described below) have been calculated. The monthly average for 1923–1925 has usually been used as a base equal to 100.

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

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

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

SEASONAL ADJUSTMENTS TO INDEXES

Seasonal variations are found in most series of economic statistics for which monthly values are obtainable. Consumption and production of commodities, interest rates, bank clearings, railroad freight traffic, and many other types of data are marked by seasonal swings repeated with minor variations year after year. These, in so far as they exist at all, are definitely periodic in character, with a constant 12-month period. In cases where an adjustment is noted for a series carried in the Survey, the index has been corrected for number of working or business days in the various months and then adjusted for seasonal variation. The index figures thereby become comparable throughout the series.

METHODS OF USE

Methods of using and interpreting current business statistics have been collected by the Department of Commerce from many business concerns and are described in a booklet entitled "How to Use Current Business Statistics," together with methods of collecting statistics. This booklet may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 15 cents per copy.

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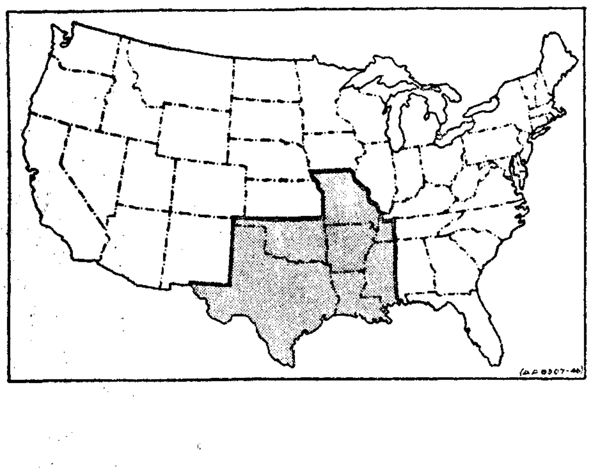

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