

OCTOBER 1936

SURVEY OF CURRENT BUSINESS



**UNITED STATES
DEPARTMENT OF COMMERCE
BUREAU OF FOREIGN AND DOMESTIC COMMERCE
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THE RAYON INDUSTRY IN THE UNITED STATES has a record of almost uninterrupted expansion since the development of this product on a commercial scale. . . . Production of yarn in 1935 amounted to 265,000,000 pounds, or considerably more than double the 1929 total; 1936 production will establish another record. . . . Nearly three-fourths of rayon yarn shipments go to broad woven goods manufacturers. . . . Allied products of the industry, such as wrapping tissue, have assumed major importance.

The United States was the world's leading producer in 1935 as in other recent years. The increase in Japanese production during the first half of 1936 was much more rapid than the expansion in United States production.

The article on page 14 by J. A. Van Swearingen of the staff of the Survey of Current Business presents a summary of developments in the industry, with particular emphasis on production trends and the major uses of the fiber.



UNITED STATES DEPARTMENT OF COMMERCE

DANIEL C. ROPER, *Secretary*

BUREAU OF FOREIGN AND DOMESTIC COMMERCE

ALEXANDER V. DYE, *Director*

SURVEY OF CURRENT BUSINESS

Prepared in the
DIVISION OF ECONOMIC RESEARCH

ROY G. BLAKEY, *Chief*
M. JOSEPH MEEHAN, *Editor*

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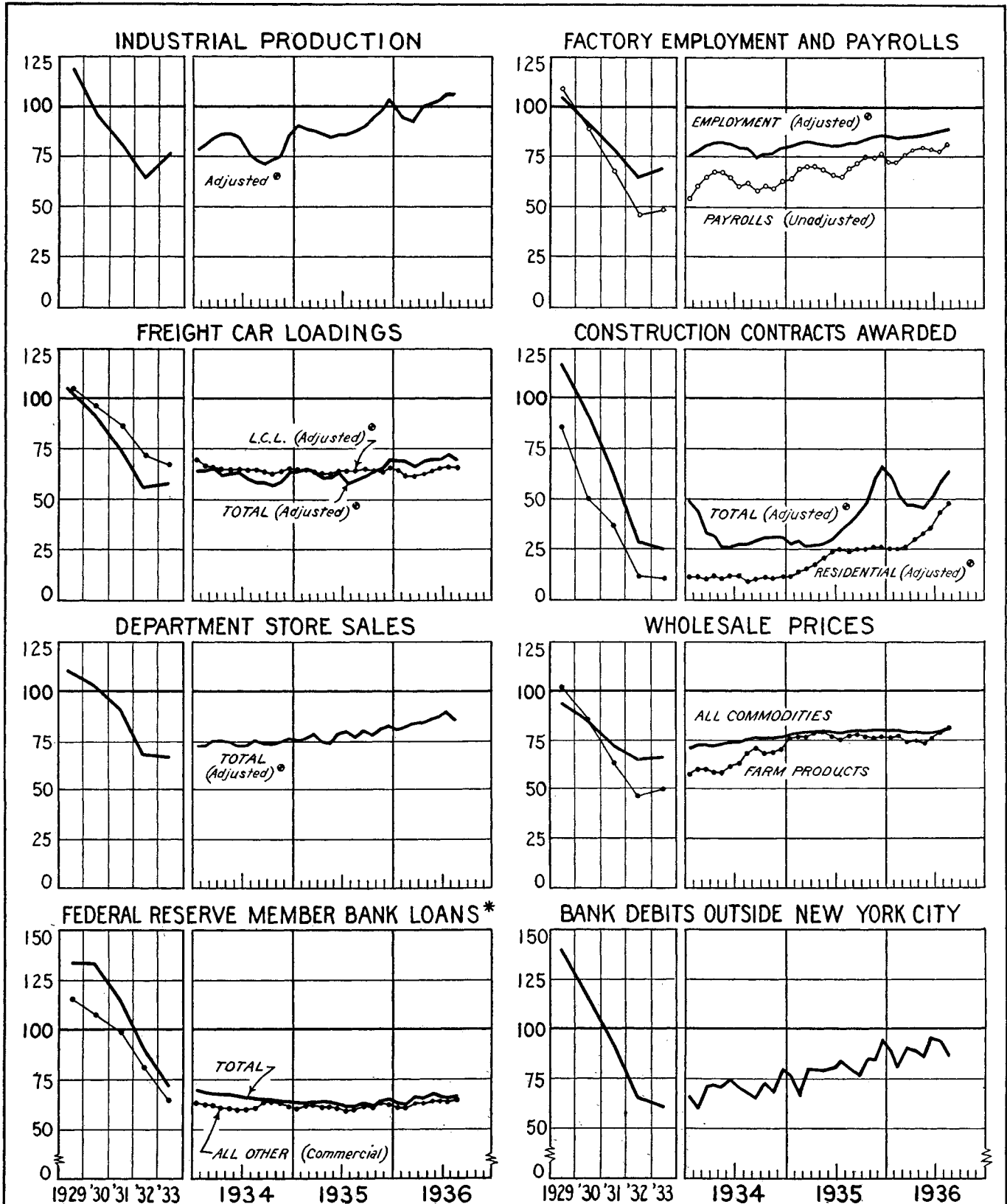
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Business Indicators

1923-25=100



* ADJUSTED FOR SEASONAL VARIATION *REPORTING MEMBER BANKS

D.D. 8639 J.M.

Business Situation Summarized

BUSINESS activity during the third quarter made a substantial advance, with gains in industrial production, construction activity, retail trade, and freight traffic. While the broad nature of the improvement was of outstanding interest, it is significant that further progress was made in those directions in which capital outlays are important, e. g., plant expansions, machinery installations, railway-equipment building, and residential construction.

Industrial production for the period was one-fifth larger than the corresponding quarter of 1935, and was only about one-tenth below the 1929 average. Output of the manufacturing industries, on a seasonally corrected basis, was larger than for any quarter subsequent to 1929.

Steel output increased during this period, contrary to seasonal expectations, and at the end of September daily average steel production was the highest since the early months of 1930. This improved demand for steel is a reflection of the expanding output of the durable-goods industries generally. Automobile manufacturers required smaller quantities of steel in the past quarter as production gradually declined to the seasonal low in the latter part of September when assembly operations of most companies were suspended. Manufacturers of building materials have had the most active quarter in several years. Production of textiles has risen sharply.

The failure of the usual seasonal recession in construction contracts awarded to materialize during the summer months indicates that the trend in the building industry is still definitely upward. While projects financed by public funds increased considerably, privately financed work did not show the customary seasonal decline.

Retail sales during the quarter increased on a seasonally adjusted basis, and were considerably in excess of the sales in the corresponding months of 1935. July was the best month of the period according to the adjusted indexes, but sales throughout the quarter benefited from the further rise in consumer income and the distribution of Government funds in settlement of the veterans' bonus. Aggregate retail sales in rural areas have not been affected to a major degree by the drought; actual cash farm income, at least during July and August, increased more than seasonally as a result of the higher prices of farm products and some acceleration in the marketing of available supplies. Prices of nonfarm products also tended to advance during the quarter.

The trend of employment continued upward during the summer months. The seasonally adjusted index of factory employment advanced nearly 3 percent from June to August, the latter month being the most recent for which data are available.

MONTHLY BUSINESS INDEXES

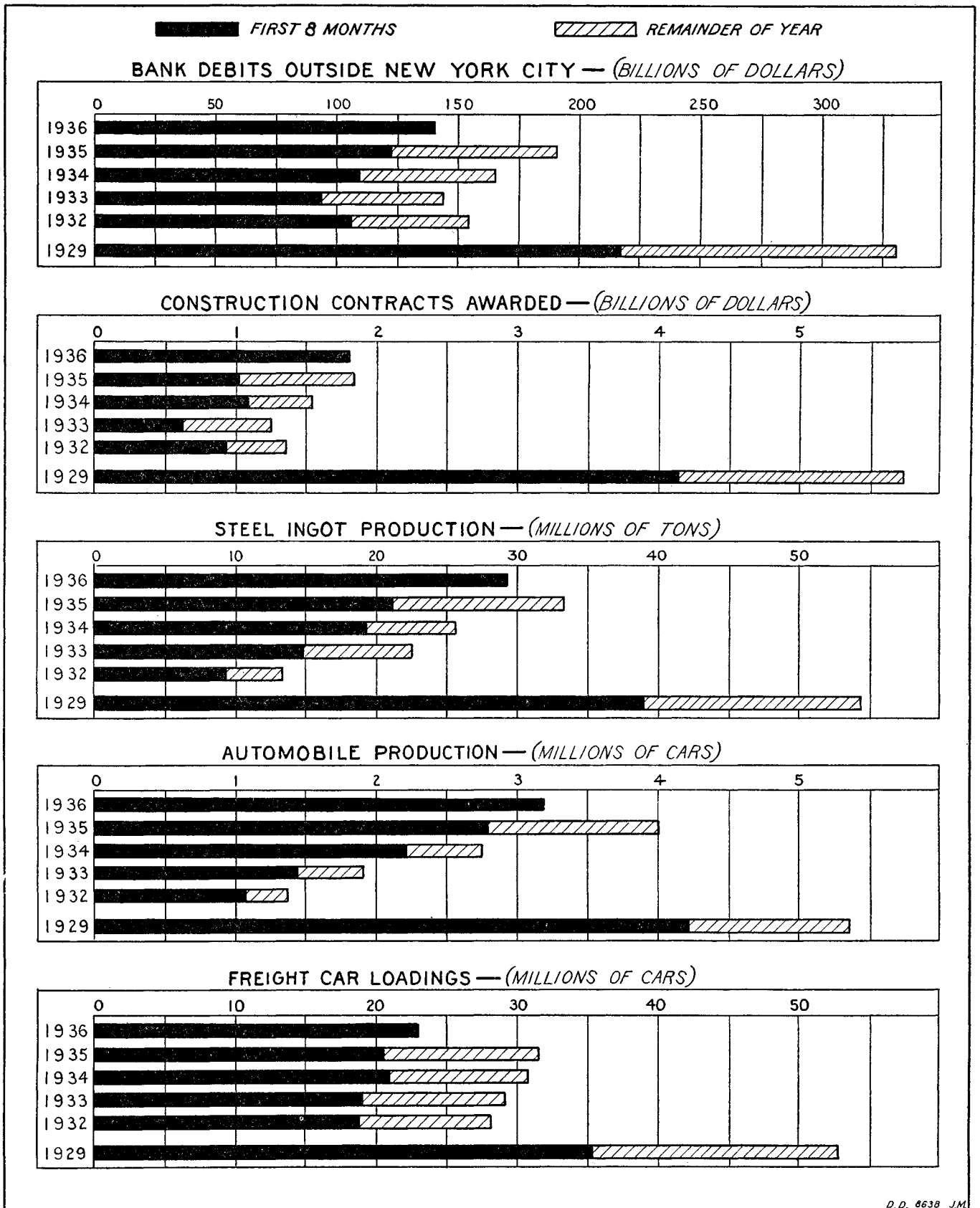
Year and month	Industrial production						Factory employment and pay rolls		Freight-car loadings		Retail sales value, adjusted		Foreign trade, value, adjusted ¹		New York City	Construction contracts, all types, value, adjusted ¹	Cash farm income ¹		Wholesale price index, commodities	784						
	Unadjusted ¹			Adjusted ¹			Number of employees, adjusted ¹	Amount of pay rolls, unadjusted	Total	Merchandise, l. c. l.	Department stores	Rural, general merchandise	Exports	Imports			Bank debits, outside	Unadjusted			Adjusted ¹					
	Total	Manufactures	Minerals	Total	Manufactures	Minerals																				
Monthly average, 1923-25=100												1929-31=100	Monthly average, 1923-25=100												Monthly average, 1924-29=100	Monthly average, 1926=100
1929: August.....	122	122	121	121	122	115	107.2	112.0	107	106	111	129.0	109	119	143.5	122	113.5	108.5	96.3							
1930: August.....	90	88	101	90	88	96	88.2	83.3	89	95	102	95.9	85	70	106.2	81	79.5	81.0	84.3							
1931: August.....	78	77	82	78	78	79	76.8	65.9	72	86	89	76.5	47	54	83.8	59	50.0	49.5	72.1							
1932: August.....	59	58	66	60	59	65	60.0	40.3	51	68	64	58.5	31	29	59.6	30	38.5	38.5	65.2							
1933: August.....	90	89	95	91	91	91	76.5	56.4	61	69	74	75.2	38	50	62.7	24	49.5	51.0	69.5							
1934: August.....	73	71	83	73	72	80	79.4	61.7	59	65	76	79.2	49	39	68.0	27	62.5	65.0	76.4							
1935:																										
August.....	87	87	85	87	88	81	81.8	69.1	60	64	77	92.8	49	54	78.8	38	67.0	64.5	80.5							
September.....	90	89	92	90	91	87	81.9	71.7	62	65	81	104.8	50	53	76.1	43	76.5	66.0	80.7							
October.....	97	96	100	95	95	93	83.7	74.3	64	64	78	104.6	48	58	85.4	48	95.0	69.0	80.5							
November.....	97	98	95	97	98	92	84.8	73.7	66	64	81	103.7	62	52	84.6	60	79.0	69.5	80.6							
December.....	96	95	96	104	104	101	85.6	75.6	71	66	83	109.8	56	58	94.7	67	72.5	67.0	80.9							
1936:																										
January.....	95	95	99	98	97	103	84.8	71.9	70	64	81	96.3	51	57	88.7	61	65.0	66.5	80.6							
February.....	95	93	106	94	91	110	83.8	72.0	70	62	83	93.0	53	60	80.0	52	53.0	63.0	80.6							
March.....	96	97	89	93	93	95	84.2	75.5	66	62	84	106.7	51	55	90.6	47	59.5	67.5	79.6							
April.....	103	105	94	100	99	105	84.9	77.2	69	63	84	109.9	53	58	88.7	47	58.5	69.5	79.7							
May.....	105	105	100	101	100	101	85.8	78.5	70	64	87	113.3	56	58	86.2	46	64.0	72.5	78.6							
June.....	104	105	100	103	104	99	86.3	78.7	70	66	87	112.4	55	62	95.7	52	69.5	80.0	79.2							
July.....	104	105	101	107	108	101	87.7	77.8	73	67	91	114.7	54	65	94.4	59	84.0	88.0	80.5							
August.....	105	106	103	107	108	98	88.6	81.0	70	67	87	111.9	51	62	86.7	65	75.5	74.5	81.6							
Monthly average, January through August:																										
1934.....	82	81	86	-----	-----	-----	79.6	62.1	62	66	65	69.2	45	43	69.4	34	51.3	-----	74.0							
1935.....	88	88	88	-----	-----	-----	81.0	67.4	61	64	67	84.8	45	52	77.9	31	55.7	-----	79.7							
1936.....	101	101	99	-----	-----	-----	85.3	76.6	69	64	74	95.8	50	50	88.9	55	66.1	-----	80.1							

¹ Adjusted for number of working days.

¹ Adjusted for seasonal variation.

¹ From marketings of farm products.

Graphic Comparison of Principal Data



Commodity Prices

THE Bureau of Labor Statistics monthly index of wholesale prices reached 81.6 for August (1926=100), a new high since October 1930. The drought, through its influence on prices of farm products and foods, continued to be the most potent factor in raising the combined index, though the indexes of practically all of the leading group and subgroup components were higher for August than for July. With the partial breaking of the drought numerous farm commodity prices, during the first 3 weeks of September, have moved irregularly and less rapidly upward than during August. The weekly wholesale price index, nevertheless, averaged somewhat higher than for the corresponding weeks of August.

Though the upward movement of grain prices appears to be checked, nevertheless they continue to fluctuate more or less rapidly at times. This has been particularly true of corn. Prices of steers at Chicago have varied widely throughout most of the year, but with the largest swings in August and September. Prices of hogs at Chicago have fluctuated somewhat less than those of steers, with the general trend upward from about the middle of May until the middle of August, but with a downward movement thereafter because of the large marketings. Butter and cheese prices con-

tinue at a high level, and, according to the Bureau of Agricultural Economics, they are likely to average considerably higher during the winter of 1936-37 than they did a year earlier.

Cotton prices declined during August but rose sharply on September 8 following the Department of Agriculture's forecast of a much smaller crop than had been expected. Most of this advance was lost, however, before the demand again turned prices upward.

Metal prices have been firmer, with steel scrap at Chicago and other centers advancing sharply. Domestic and foreign demand for copper has been strong but the recent tendency has been to maintain rather than raise prices, at least for the time being. After declining for about a month, spot tin at New York advanced from 42 cents on August 18 to 46 cents on September 18.

Living costs of wage earners rose 0.5 percent from July to August, according to the National Industrial Conference Board. Increases were noted in the cost of each major group of expenditures except food, which remained unchanged. Fairchild's index of retail prices of department store articles advanced 0.5 percent during August.

INDEXES OF COMMODITY PRICES

Year and month	Wholesale Prices (Department of Labor)																	Cost of living (National Industrial Conference Board)	Farm prices, combined index, 47 commodities (Department of Agriculture) ¹	Retail Prices			
	784 Combined commodity quotations	Economic classes			Groups and subgroups															Foods	of (Department Labor) ²	Department-store articles (Fairchild) ³	
		Finished products	Raw materials	Semimanufactures	Farm products	Grains	Foods	Meats	Other than farm products and foods	Building materials	Chemicals and drugs	Fuel and lighting	Hides and leather	House-furnishing goods	Metals and metal products	Textile products	Miscellaneous						
Monthly average, 1926=100																			Mo. average 1923=100	Mo. average 1909-14 = 100	Mo. average 1923-25 = 100	Dec. 1930 average (Jan. 1 1931)= 100	
1929: August	96.3	95.2	99.2	93.5	107.5	99.3	103.5	116.0	91.4	95.2	93.6	82.2	109.5	94.3	100.5	89.8	82.8	101.1	152	108.1	-----		
1930: August	84.3	86.2	81.8	78.7	84.9	80.4	87.6	93.1	83.6	87.7	87.9	77.9	99.0	92.9	89.6	78.0	76.1	95.1	118	96.6	-----		
1931: August	72.1	76.4	64.1	68.3	63.5	44.8	74.6	76.0	74.2	77.6	76.9	86.5	88.7	84.9	83.9	65.5	68.3	86.4	82	80.9	88.9		
1932: August	65.2	70.7	55.7	57.9	49.1	38.2	61.8	61.9	70.1	69.6	73.3	72.1	69.7	73.6	80.1	52.7	64.6	76.9	65	67.1	73.6		
1933: August	69.5	73.4	60.6	71.7	57.6	64.6	64.8	51.0	74.1	81.3	73.1	65.5	91.7	77.6	81.2	74.6	65.4	77.3	79	72.0	82.5		
1934: August	76.4	79.2	71.6	72.6	69.8	86.0	73.9	69.4	78.3	85.8	75.7	74.6	83.8	81.8	86.7	70.8	70.2	79.7	96	74.3	87.7		
1935:																							
August	80.5	83.0	77.1	73.2	79.3	79.3	84.9	102.0	77.9	85.4	78.6	74.1	89.6	80.5	86.6	70.9	67.3	82.4	106	79.6	85.7		
September	80.7	83.1	77.3	74.4	79.5	83.5	86.1	102.9	77.8	85.9	80.2	73.0	90.9	80.5	86.6	71.8	67.1	82.7	107	80.1	86.6		
October	80.5	82.7	77.1	76.3	78.2	86.4	85.0	97.1	78.3	86.1	81.1	73.4	93.6	80.6	86.5	72.9	67.5	83.0	106	80.5	87.6		
November	80.6	82.7	77.2	76.2	77.5	77.9	85.1	94.3	78.8	85.8	81.2	74.5	95.0	81.0	86.9	73.4	67.4	83.4	108	81.5	88.0		
December	80.9	83.1	77.7	75.2	78.3	78.6	85.7	97.5	78.7	85.5	80.6	74.6	95.4	81.0	86.8	73.2	67.5	83.9	110	82.0	88.2		
1936:																							
January	80.6	82.4	78.1	74.8	78.2	78.9	83.5	94.9	78.8	85.7	80.5	75.1	97.1	81.4	86.7	71.7	67.8	83.9	109	81.7	88.3		
February	80.6	82.2	79.1	74.6	79.5	78.3	83.2	92.1	79.0	85.5	80.1	76.1	96.1	81.5	86.7	71.0	68.1	83.5	109	80.6	88.3		
March	79.6	81.3	77.4	74.4	76.5	75.6	80.1	89.7	78.9	85.3	79.3	76.2	94.9	81.4	86.6	70.8	68.3	83.2	104	79.5	88.1		
April	79.7	81.6	77.0	74.5	76.9	73.9	80.2	91.0	78.9	85.7	78.5	76.4	94.6	81.5	86.6	70.2	68.6	83.4	105	79.7	88.1		
May	78.6	80.5	75.8	74.1	75.2	70.6	78.0	85.1	78.8	85.8	77.7	76.0	94.0	81.5	86.3	69.8	69.2	83.8	103	79.9	88.1		
June	79.2	80.7	77.6	73.9	78.1	73.0	79.9	85.1	78.5	85.8	78.0	76.1	93.8	81.4	86.2	69.7	69.7	85.1	107	83.8	87.9		
July	80.5	81.6	79.8	75.2	81.3	88.9	81.4	84.9	79.5	86.7	79.4	76.2	93.4	81.2	86.9	70.5	71.0	85.2	115	84.0	88.1		
August	81.6	82.4	81.5	75.6	83.8	102.4	83.1	86.4	79.7	86.9	79.8	76.3	93.6	81.4	87.1	70.9	71.5	85.6	124	84.0	88.5		
Monthly average, January through August:																							
1934	74.0	77.6	66.7	73.4	62.3	68.1	68.2	58.9	78.5	86.7	75.4	72.8	87.7	81.5	87.2	74.2	69.4	78.9	85	72.8	88.7		
1935	79.7	82.0	76.9	72.6	78.8	83.1	82.9	92.8	77.6	85.0	80.2	73.4	87.5	80.7	86.2	70.0	68.9	82.3	107	80.1	86.1		
1936	80.1	81.6	78.3	74.6	78.7	80.2	81.2	88.7	79.1	85.9	79.2	76.1	94.7	81.4	86.6	70.6	69.3	84.2	110	81.7	88.2		

¹ Revised. See p. 20 of the November 1934 issue.

² Middle of month. This is a new series, see p. 23.

³ Index is as of the 1st of the following month.

Domestic Trade

RETAIL sales usually expand after July to a peak in December when holiday business brings a sharp rise. During August and September of this year retail sales volumes have experienced an upturn after an unusually active July when, on a seasonally corrected basis, sales were the best for the recovery period. The expansion since midsummer has possibly not equaled the normal seasonal rise, but the volume is well ahead of last year's figures and is generally considered good, particularly if consideration is given to the sharp rise in the seasonally corrected indexes in July when the settlement of the adjusted service compensation certificates held by World War veterans probably exercised its major influence on sales.

All of the important retail sales indexes for August, on a seasonally corrected basis, showed declines in comparison with July. The recession, after seasonal allowance, was apparently more pronounced in the cities than in rural regions, notwithstanding the adverse effects on trade exercised by the drought in certain important agricultural areas. The Bureau's index of rural sales of general merchandise fell from 115 to 112 (1929-31=100) while the Reserve Board's department store sales index dropped from 91 to 87 (1923-25=100). Sales of new passenger automobiles, while still indicating a strong demand for cars, fell off by more than the estimated seasonal amount in August.

Percentage increases in August retail sales over the corresponding month of 1935 were not so large as in

July in some lines, but aggregate sales for the month were probably 15 percent in excess of the August 1935 total. Rural general merchandise sales were up 20 percent; new passenger automobile sales, 15 percent; chain food and variety stores, about 9 percent; and department store sales, 11 percent. There was a considerable regional variation in the department store results for the month, with two districts—St. Louis and Kansas City—reporting sales equal to those of August 1935 but with the other districts reporting increases up to 18 percent.

Wholesale trade in August was larger than in July, as is customary at this season. According to sample data collected by the Bureau from 1,059 firms, sales for the month were up about 14 percent in comparison with those of August 1935, or about the same relative increase as for retail sales.

Readers of the SURVEY will be interested to know that retail trade returns from the Census of Business of 1935 are being issued by the Bureau of the Census, Department of Commerce. To date, returns have been released covering 11 States which account for about 9 percent of the total retail volume of the United States. These returns show total retail sales in 1935 in these areas to be 36 percent above the sales reported in the census of 1933, but 33 percent less than in 1929. Copies of these State reports are available from the Bureau of the Census, Department of Commerce, Washington, D. C.

DOMESTIC TRADE STATISTICS

Year and month	Retail trade										Wholesale trade		Commercial failures ¹			
	Department stores				Chain-store sales				Rural sales		New passenger-car sales		Employment	Pay rolls	Failures	Liabilities
	Sales		Stocks ²		Combined index ³	Variety stores		General merchandise								
	Unad-justed ⁴	Ad-justed ⁵	Unad-justed ⁴	Ad-justed ⁵		Unad-justed ⁴	Ad-justed ⁵	Unad-justed ⁴	Ad-justed ⁵	Unad-justed ⁴	Ad-justed ⁵					
	Monthly average, 1923-25=100				Avg. same mo. 1929-31=100	Monthly average, 1929-31=100						Monthly average, 1929=100		Number	Thousands of dolls.	
1929: August.....	84	111	96	100	-----	96.9	109.5	111.0	129.0	167.0	148.5	101.3	100.0	-----	-----	
1930: August.....	77	102	87	91	-----	86.4	97.6	82.5	95.9	87.8	78.0	94.6	92.9	-----	-----	
1931: August.....	68	89	77	80	-----	80.6	91.1	65.8	76.5	58.8	52.5	85.6	80.3	-----	-----	
1932: August.....	49	64	59	61	80	68.8	77.7	50.3	58.5	34.0	30.0	74.9	60.3	-----	-----	
1933: August.....	59	74	62	64	87	76.7	86.7	64.7	75.2	58.3	52.0	77.9	57.2	1,427	37,287	
1934: August.....	60	76	61	64	93	79.9	90.3	68.1	79.2	63.1	56.0	82.5	62.7	872	15,703	
1935:																
August.....	61	77	60	62	98	79.3	89.6	79.8	92.8	80.2	75.0	82.7	64.8	884	13,266	
September.....	86	81	67	64	98	87.7	91.8	103.7	104.8	50.1	79.0	83.7	67.2	787	17,002	
October.....	86	78	72	66	100	93.4	92.0	127.6	104.6	53.3	82.0	85.7	66.8	1,056	17,155	
November.....	91	82	75	67	100	95.1	93.7	127.6	103.7	96.6	113.5	86.4	66.9	898	14,384	
December.....	145	83	61	65	103	178.4	96.7	155.9	109.8	90.6	106.5	86.8	68.6	910	15,666	
1936:																
January.....	63	81	58	66	97	67.7	90.8	79.9	96.3	69.3	102.0	85.6	66.6	1,077	18,104	
February.....	66	83	62	65	99	73.5	88.0	84.2	93.0	65.5	89.5	85.0	66.6	856	14,089	
March.....	77	84	67	65	101	80.3	93.3	99.2	106.7	117.8	101.0	85.6	69.0	946	16,271	
April.....	85	84	68	65	102	95.7	95.2	105.5	109.9	142.3	93.5	85.7	67.9	830	14,157	
May.....	89	87	67	65	103	96.8	96.8	106.5	113.3	138.6	93.5	84.6	68.2	832	15,375	
June.....	84	87	62	64	108	98.8	104.0	106.2	112.4	139.3	109.5	84.6	68.4	773	9,177	
July.....	64	91	59	63	110	97.2	109.2	88.3	114.7	117.3	104.3	85.4	69.0	639	9,904	
August.....	70	87	65	67	-----	86.5	97.7	96.2	111.9	92.3	91.4	86.2	69.6	655	8,271	
Monthly average, January through July:																
1934.....	65	-----	64	-----	⁶ 91	81.1	-----	69.2	-----	65.6	-----	81.9	62.3	1,012	20,790	
1935.....	67	-----	62	-----	⁶ 95	80.9	-----	84.8	-----	89.2	-----	83.2	64.6	982	14,845	
1936.....	75	-----	-----	-----	⁶ 103	87.1	-----	95.8	-----	110.3	-----	85.3	68.2	826	13,169	

¹ Corrected to daily average basis.
² Series revised. See p. 32.

³ Adjusted for seasonal variations.
⁴ 7 months' average.

⁵ End of month.

⁶ See note on p. 26 of this issue.

Employment

INCREASES in employment between mid-July and mid-August predominated among the industries surveyed regularly by the Bureau of Labor Statistics. The improvement was confined largely to manufacturing industries, which reported an increase of 173,000 workers from July to August. In the nonmanufacturing group, the seasonal recession in employment in retail trade and declines in the number at work in anthracite mining and a few other industries offset the increases elsewhere in this classification, with the result that there was a net decline in this group of about 2,000 workers. The increase in weekly pay rolls for all reporting industries was \$7,300,000.

Aggregate employment in both manufacturing and nonmanufacturing industries covered by these monthly reports showed a gain over August a year ago of nearly 1,000,000 workers. Data on employment in domestic service, the professions, agriculture, the railroads, and the various relief projects are not included in these figures.

Factory employment in August was at the highest level since the middle of 1930 and was above any previous August since 1929, according to the seasonally adjusted index which advanced one point in August to 88.6 (1923-25=100).

Gains in factory employment in August as compared with July occurred in 71 of the 90 industries from which data are collected. While increases among the durable goods industries were numerous, these were largely

offset by the sharp recession in the number at work in the automobile industry, in which operations were curtailed while preparations were being made for the change-over to new models. This factor will also be effective in September, which will be the low-point of the year insofar as the automobile industry is concerned. Even with the sharp recession in automobile plants, employment in the durable goods industries rose slightly to equal the recovery high recorded in June of this year. Employment in the durable goods industries is about one-fifth less than the 1929 average, according to the indexes, whereas in the nondurable goods group the number at work in August was 7 percent below the earlier year.

Among industries showing large seasonal gains in August as compared with July were several in the food and kindred products group, all of the 14 industries comprising the textile group, and numerous industries associated with building construction. With few exceptions, the declines reported for individual industries were small.

Ten of the 16 nonmanufacturing industries reported increased employment and of the 6 showing declines, the 2 already mentioned were the only ones in which the recessions were marked. In building construction, the rise was 6.1 percent; in bituminous-coal mining, 1.8 percent; in quarrying and nonmetallic mining, 1.7 percent; and in wholesale trade, 1.0 percent.

STATISTICS OF EMPLOYMENT, PAY ROLLS, AND WAGES

Year and month	Factory employment and pay rolls			Nonmanufacturing employment and pay rolls (Department of Labor)										Trade-Union members employed	Wages		
	Employment		Pay rolls	Anthracite mining		Bituminous coal mining		Electric light and power and manu- factured gas		Telephone and tele- graph		Retail trade			Factory ¹		Common labor rates (road building) ²
	Unad-justed	Ad-justed ¹	Unad-justed	Em-ploy-ment	Pay rolls	Em-ploy-ment	Pay rolls	Em-ploy-ment	Pay rolls	Em-ploy-ment	Pay rolls	Em-ploy-ment	Pay rolls		Average weekly earnings	Average hourly earnings	
	Monthly average, 1923-25=100			Monthly average, 1929=100											Percent of total members	Dollars	
1929: August.....	107.9	107.2	112.0	91.1	78.4	95.7	92.8	105.4	103.8	103.7	101.8	98.7	99.2	91	28.49	.590	40
1930: August.....	88.8	88.2	83.3	80.2	78.8	89.2	71.1	106.4	106.6	98.8	102.5	91.5	89.4	78	25.03	.591	39
1931: August.....	77.1	76.8	65.9	67.3	56.4	77.0	50.6	95.9	96.2	85.9	92.3	81.2	77.9	74	22.32	.568	36
1932: August.....	60.1	60.0	40.3	49.2	41.4	59.4	26.4	81.5	76.7	78.1	79.1	71.8	56.9	67	15.26	.486	32
1933: August.....	76.4	76.5	56.4	47.7	46.6	68.6	43.3	78.1	70.9	68.1	66.1	75.4	54.9	69	19.34	.507	35
1934: August.....	79.6	79.4	61.7	49.5	39.7	77.1	50.4	85.6	79.9	71.0	74.0	77.8	58.4	72	19.58	.588	41
1935:																	
August.....	82.0	81.8	69.1	38.7	28.3	73.4	45.8	86.8	82.8	70.5	75.5	78.0	59.3	77	22.46	.603	42
September.....	83.7	81.9	71.7	46.0	38.2	77.1	60.1	86.9	84.5	70.4	73.8	81.8	62.5	80	22.64	.601	42
October.....	85.3	83.7	74.3	58.8	55.9	74.3	69.8	87.4	84.4	70.0	74.9	83.8	63.2	80	23.13	.602	42
November.....	85.0	84.8	73.7	46.6	28.4	76.1	65.5	87.6	83.4	69.8	74.9	84.6	63.4	80	23.32	.605	42
December.....	84.6	85.6	75.6	57.3	55.4	79.1	69.5	86.8	86.0	69.6	75.6	82.9	69.3	77	23.38	.604	41
1936:																	
January.....	82.9	84.8	71.9	59.1	54.4	79.8	70.6	86.1	84.8	70.1	75.0	80.4	62.1	78	23.40	.608	40
February.....	83.1	83.8	72.0	61.2	76.7	80.2	78.4	86.1	84.7	69.9	76.2	79.7	61.6	78	23.14	.608	38
March.....	84.1	84.2	75.5	52.5	42.6	80.4	70.2	86.8	85.9	70.2	77.2	81.9	63.5	79	23.67	.611	37
April.....	85.1	84.9	77.2	49.8	28.6	77.5	62.6	88.0	86.2	70.8	76.0	85.2	65.3	82	23.33	.613	38
May.....	85.7	85.8	78.5	54.9	56.3	76.2	62.2	88.9	87.0	71.6	78.5	85.1	65.8	83	24.41	.616	42
June.....	86.0	86.3	78.7	51.2	42.0	75.7	61.6	90.3	88.1	72.1	77.4	85.3	66.4	83	24.45	.617	42
July.....	86.8	87.6	77.8	48.4	37.2	75.5	62.6	91.7	89.8	73.1	79.9	83.2	65.1	83	24.23	.617	42
August.....	88.7	88.6	81.0	41.1	31.4	76.8	65.8	93.5	89.9	73.5	81.0	82.4	64.4	84	24.66	.616	41
Monthly average, January through August:																	
1934.....	79.6	-----	62.1	59.3	59.1	76.2	53.2	83.2	77.1	70.4	70.6	80.7	60.0	74	20.13	.575	42
1935.....	81.0	-----	67.4	53.7	49.0	76.7	54.2	83.6	79.8	70.1	74.3	80.5	60.8	77	21.88	.598	41
1936.....	85.3	-----	76.6	52.3	46.2	77.8	66.8	88.9	87.1	71.4	77.7	82.9	64.3	81	23.91	.613	40

¹ Adjusted for seasonal variation.

² National Industrial Conference Board.

* Beginning 1934 data compiled from Public Works projects, prior years from Federal aid and State projects.

Finance

OF outstanding importance among financial developments during the past month was the announcement on September 25 of a special session of the French Parliament to be convened on September 28, for the purpose of taking action upon a Government proposal involving the reduction in the gold content of the franc by approximately one-third. The new gold parity of the franc, according to statements released simultaneously by the Governments of the United States, Great Britain, and France, is designed as a step in the direction of restoring more stable economic relations which the three Governments are aiming to promote. This important announcement followed a month of heavy pressure in the international exchanges on the franc and heavy losses of gold by the Bank of France. These losses had assumed unusual proportions as early as May and June, and after a temporary halt during July, again became a disturbing factor in international financial markets in August and September. The Netherlands, Switzerland, and Italy subsequently took action to adjust the value of their monetary units.

As a result of the continued gold imports into the United States, mainly because of the financial uncertainties in the gold bloc countries, and the disbursement by the Treasury of funds previously accumulated with the Federal Reserve banks, the estimated excess reserves of the member banks reached a total of approximately \$2,000,000,000 on September 9. On account of quarterly income tax payments of about \$285,000,000 during the following week, and the cash subscriptions to the Treasury's offer of the 2% percent bonds, the figure dropped to \$1,710,000,000.

Total loans and investments of the weekly reporting member banks during the month ended September 15 showed an increase of \$358,000,000, of which \$109,000,000 represented an expansion in outstanding loans on securities. So-called "other loans", which have increased approximately \$541,000,000 during the past year, showed an expansion of \$181,000,000 during the same month.

Stock prices during September moved irregularly over a rather narrow range, with the "averages" holding close to the highest of the year. Bond prices also moved upward with second-grade issues reaching new high levels.

Treasury financing on September 15 represented the first offering of long-term bonds since July 15. An issue of 2½-percent bonds, maturing in 20-23 years, was accepted for about \$469,000,000 in cash and in exchange for approximately \$514,000,000 of 1½-percent Treasury notes due September 15. New financing during September included a 10-year issue of \$55,000,000 by the State of New York, which was placed at 1.36338 percent, the lowest rate at which that State has ever borrowed under similar terms. New capital secured through public issues showed a marked gain during August over the July total. Refunding issues continued to predominate and such issues were also heavy in September. A registration statement covering the issuance of \$175,000,000 of refunding bonds (\$150,000,000 to be publicly-offered) was filed by a public utility company with the Securities and Exchange Commission in the latter part of September. This would represent the largest single issue of corporate securities in 15 years.

FINANCIAL STATISTICS

Year and month	Bank debits outside New York City	Reporting member banks, Wednesday closest to end of month			Federal Reserve bank credit outstanding, end of month	Excess reserves of member banks, end of month	Net gold imports including gold released from earmark ¹	Money in circulation	Savings deposits		Stock prices (419 Standard Statistics)	Bond prices, New York Stock Exchange (domestic)	New capital issues	Average dividend per share (600 companies)	Interest rates, commercial paper (4-6 months)
		Loans on securities	"Other" loans ²	Investments					New York State	Postal Savings					
Millions of dollars											1926=100	Dollars	Thous. of dollars	Dollars	Percent
1929: August.....	28,310	7,515		5,456	1,439		17.4	4,777	4,426	160	218.1	96.19	837,584	2.94	6-6½
1930: August.....	20,941	8,357		6,338	1,025		-19.6	4,476	4,591	186	147.6	98.58	166,473	2.86	13
1931: August.....	16,626	6,500		7,665	1,255		41.5	4,947	5,173	423	95.3	93.75	120,454	2.26	12
1932: August.....	11,757	4,512		7,743	2,331	330	106.6	5,720	5,243	848	52.1	83.70	60,024	1.25	2-2½
1933: August.....	12,375	3,965		8,467	2,297	595	-9	5,616	5,059	1,179	74.4	87.91	45,789	1.05	1½
1934: August.....	13,420	3,410		10,644	2,464	1,867	36.2	5,355	5,054	1,192	71.4	91.13	213,608	1.23	34-1
1935:															
August.....	15,536	3,009	3,288	12,022	2,485	2,708	47.8	5,576	5,152	1,192	83.0	93.07	148,210	1.33	34
September.....	15,016	3,095	3,380	12,300	2,477	2,600	157.7	5,651	5,179	1,192	85.0	92.65	172,745	1.34	34
October.....	16,844	3,008	3,340	12,476	2,482	2,970	313.5	5,704	5,161	1,196	85.2	92.84	148,462	1.35	34
November.....	16,685	3,108	3,401	12,480	2,480	3,100	211.1	5,770	5,154	1,199	93.3	93.69	119,794	1.40	34
December.....	18,676	3,274	3,401	12,646	2,486	2,844	191.3	5,897	5,187	1,201	95.3	94.47	221,207	1.41	34
1936:															
January.....	17,499	3,128	3,304	12,996	2,479	3,084	43.9	5,757	5,177	1,208	100.1	96.16	115,253	1.42	34
February.....	15,766	3,117	3,281	13,047	2,482	2,986	-28.1	5,779	5,177	1,214	106.1	97.22	106,739	1.45	34
March.....	17,887	3,313	3,495	13,229	2,473	2,305	6.4	5,857	5,204	1,216	108.7	97.26	129,527	1.46	34
April.....	17,497	3,304	3,485	13,452	2,475	2,664	27.9	5,892	5,175	1,215	108.9	96.69	176,672	1.47	34
May.....	16,998	3,486	3,586	13,522	2,474	2,866	166.7	5,918	5,165	1,214	101.0	97.38	111,571	1.50	34
June.....	18,882	3,319	3,619	14,159	2,473	2,717	253.0	6,062	5,210	1,232	105.6	97.63	217,270	1.51	34
July.....	18,617	3,173	3,600	14,084	2,462	3,029	17.7	6,203	5,197	1,244	109.2	98.19	102,769	1.58	34
August.....	17,106	3,177	3,749	13,809	2,470	1,950	55.5	6,191	5,197	1,249	113.6	98.81	216,510	1.64	34

¹ Net exports indicated by (-).

² Note that this column has been changed. See p. 32 for figures excluded.

Real Estate and Construction

PROSPECTS of further expansion in the construction industry appear favorable, with the volume of contracts awarded for the third quarter showing a sharply rising tendency on a seasonally adjusted basis. Increases have occurred in the indexes of both residential and nonresidential building; in August the value of residential contracts in the 37 States covered by the F. W. Dodge Corporation reports exceeded \$100,000,000 and represented the largest total for this type of construction in over 5 years.

The August results were influenced, as were those of July, by the relatively large volume of publicly financed awards, including several large housing projects which were included in the residential classification. Privately financed work, which had increased substantially from June to July, declined in August, but the month's total was approximately equal to the monthly average for the second quarter when awards usually reach a seasonal peak.

Construction contracts for the first 8 months of the year almost equaled the total for the full 12 months of 1935; for residential construction the total of more than a half billion dollars was larger than that for the full year 1935. The gain in total awards for the 8 months, over the same period of 1935, was 76 percent, but the Dodge Corporation estimates the gain for the present calendar year will be considerably less by reason of the

unusually large volume of publicly financed work placed under contract during the final 4 months of 1935. For privately financed work, however, the gain for the full year is expected to more nearly approximate the 8 months' increase of 59 percent.

With the further improvement in construction operations, building supply manufacturers have experienced a rising volume of business during the third quarter. Compared with the results of 1935, the improvement in the demand for construction materials has been impressive. Orders for fabricated steel plate and oak flooring have more than doubled in the first 8 months in comparison with the same period of 1935; common-brick shipments are up over 80 percent; track-work production is up 59 percent; while increases of between 30 and 40 percent have been shown in the production of lumber, cement, and structural steel.

The new homes placed on the market and the general trend in the direction of modernization and home improvement have also stimulated the business of household equipment suppliers. Shipments of vacuum cleaners so far this year have increased 29 percent; electrical refrigerators, 31 percent; and oil burners, 44 percent. Washing machine sales show a similar rising trend. Operations at furniture factories have increased 39 percent this year with current operations around 74 percent of capacity.

BUILDING MATERIALS, CONSTRUCTION, AND REAL ESTATE

Year and month	Construction contracts awarded						Building-material shipments				Highways under construction (National Industrial Recovery Act)	Construction costs, Eng. News-Record	Loans outstanding		Real-estate foreclosures	
	F. R. Index adjusted ¹	All types of construction		Residential building		Public utilities	Public works	Common brick	Lumber	Oak flooring			Cement	Home Owners' Loan Corp.		Home-loan banks
		Monthly average, 1923-25=100	Number of projects	Mil-lions of dollars	Mil-lions of square feet											
1929: August.....	122	16,053	489	29.5	146.1	44.1	98.7	-----	-----	41,816	23,052	-----	205.9	-----	-----	
1930: August.....	81	4,621	347	16.8	82.7	49.3	78.3	-----	-----	21,509	20,299	-----	201.0	-----	-----	
1931: August.....	59	9,242	233	14.1	60.2	12.4	60.7	-----	-----	21,464	15,172	-----	171.4	-----	-----	
1932: August.....	30	7,185	134	5.5	20.8	7.4	56.7	-----	-----	11,626	10,968	-----	156.8	-----	18,554	
1933: August.....	24	8,186	106	6.4	21.9	19.4	32.0	-----	-----	12,793	5,994	-----	167.0	-----	17,486	
1934: August.....	27	7,617	120	4.8	17.9	8.7	41.9	68,083	1,600	9,041	8,249	231,554	198.4	1,476,913	84,919	
1935:																
August.....	38	10,655	169	11.8	40.5	4.4	65.1	95,940	1,761	17,864	8,105	149,047	195.1	2,747,022	86,025	
September.....	43	9,978	167	12.0	41.8	12.5	63.7	91,127	1,643	17,402	7,799	126,211	195.1	2,788,203	90,432	
October.....	48	11,855	201	16.8	55.1	11.2	75.1	117,031	1,782	23,475	8,794	102,246	195.1	2,838,086	95,595	
November.....	60	9,266	188	12.3	39.7	10.7	69.6	95,673	1,489	19,547	5,976	88,776	194.9	2,886,013	97,089	
December.....	67	8,249	264	11.9	45.1	18.1	76.4	73,586	1,331	19,497	4,514	74,700	194.9	2,940,029	102,795	
1936:																
January.....	61	7,724	205	10.3	37.4	17.9	58.9	56,471	1,569	20,395	3,889	65,390	199.5	2,984,438	102,745	
February.....	52	6,442	142	9.1	31.2	11.9	36.3	44,736	1,467	23,081	3,156	61,015	201.2	3,014,423	102,887	
March.....	47	10,514	199	15.6	55.2	18.1	44.2	109,641	1,688	28,479	7,138	59,593	201.2	3,040,137	103,354	
April.....	47	13,338	235	19.7	67.2	23.8	49.7	154,473	1,932	29,483	9,089	56,484	202.2	3,060,029	150,969	
May.....	46	13,242	216	20.5	70.3	12.8	50.8	171,418	1,821	28,579	11,121	50,197	203.4	3,083,312	110,922	
June.....	52	13,352	233	20.6	73.6	9.3	71.1	172,892	1,846	31,617	12,417	42,500	204.6	-----	118,580	
July.....	59	13,890	295	20.5	72.0	27.5	99.1	168,629	1,914	30,123	11,766	37,100	204.4	-----	122,094	
August.....	65	12,912	275	24.3	100.5	17.9	76.4	-----	1,867	30,408	12,560	28,823	208.1	-----	125,211	
Monthly average, January through August:																
1934.....	34	6,707	137	5.4	21.3	8.7	56.0	53,436	1,282	8,871	6,414	249,201	196.6	-----	-----	
1935.....	31	9,328	128	10.3	38.4	7.4	36.7	68,459	1,485	14,876	5,981	169,497	195.3	-----	-----	
1936.....	55	11,427	225	17.6	63.4	17.4	60.8	125,466	1,763	27,771	8,892	50,138	203.1	-----	-----	

¹ Based on 3-month moving average and adjusted for seasonal variations.

² Index is as of 1st of month, Sept. 1, 1936, 208.1.

³ 7-months' average.

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Transportation

EXPANSION in the volume of freight traffic during the first 3 weeks of September was in excess of seasonal expectations, indicating a resumption of the upward movement which was interrupted in August when loadings did not increase to the extent customary at that period. The seasonally corrected index dropped back in August to the June figure of 70 (1923-25=100), a decline of 3 points from the index for the preceding month. The increase of 19 percent for the month over August 1935 was relatively smaller than the July gain, mainly by reason of the sharp rise in coal and grain shipments in August last year and the smaller grain movement this year.

The improvement in freight traffic has now reached a point where the carriers as a group are able to show a profit on their operations. The loss reported for the first 6 months was less than in the first half of 1935, and for the third quarter a substantial profit has been realized. In July, net income amounted to \$19,283,000 and reduced the cumulative deficit for the year to \$4,473,000 as compared with a loss of \$77,510,000 for the first 7 months of 1935. According to preliminary data, gross revenues in August were about the same as in July. With the seasonal peak in traffic still ahead and with loadings in the week ended September 19 up to 790,000 cars, the highest level since 1930, a substantial profit for 1936 is apparently assured. Such a condition has not previously obtained since 1931.

During recent months passenger traffic has contributed about the same proportion of gross revenues as in the months prior to June last when the Interstate Commerce Commission's order reducing the basic rate of passenger fares became effective. Thus, during the summer months of heavy travel the railroads have apparently attracted enough new business to offset the reduction in unit fares, although the rate reduction applied more particularly to the eastern district where the 1920 rates had been maintained. Passenger revenues during the summer have contributed about 11 percent of the total gross revenues of the railroads, only slightly less relatively than in the like periods of 1934 and 1935. In the eastern district, passenger revenues accounted for about 13 percent of all revenues during the summer months of this year, as compared with about 15 percent in the June-August period of 1935, and nearly 16 percent in 1934.

With the improvement in operating revenues and profits, prospects of additional equipment buying have brightened. During the summer months purchasing of freight-cars and locomotives slackened, but were still comparatively large for this period when equipment buying usually reaches a seasonal low. Car shops have been kept fairly busy on orders placed earlier in the year. During the first 8 months of 1936 the Railway Age reported orders for 34,254 freight cars, a total far in excess of any similar period since 1929.

RAIL AND WATER TRAFFIC

Year and month	Freight-car loadings									Freight-car surplus	Pull-man pas-sen-gers car-ried	Financial sta-tistics, class I railroads		Canal traffic					
	F. R. index		Total	Coal and coke	For-est prod-ucts	Grain and prod-ucts	Live-stock	Mer-chandise l. c. l.	Ore			Misc-el-laneous	Oper-ating reve-nues	Net rail-way oper-ating income	Sault Ste. Marie	New York State	Panama ¹		
	Unad-justed ²	Ad-justed ²																	
	Thousands of cars ⁴																		
Monthly average, 1923-25=100	Thousands of																	Thousands of short tons	Thous. of long tons
1929: August.....	115	107	1,120.1	180.4	68.8	63.2	24.3	261.6	75.8	446.1	158	3,287	580,206	139,352	14,085	380	1,311		
1930: August.....	96	89	921.7	154.2	40.6	58.3	22.5	231.0	54.8	360.4	432	2,767	460,974	94,327	11,267	457	1,022		
1931: August.....	76	72	750.1	126.2	27.7	43.1	21.9	214.8	35.0	281.3	574	2,091	360,283	55,376	8,385	425	859		
1932: August.....	53	51	525.2	91.6	15.7	38.9	17.2	169.9	6.9	185.0	708	1,323	249,389	27,985	3,095	528	650		
1933: August.....	65	61	641.0	135.3	27.3	30.3	17.0	170.8	37.3	222.9	398	1,351	297,031	61,402	7,691	623	1,002		
1934: August.....	63	59	614.6	106.1	22.2	39.8	32.1	160.4	28.6	225.5	359	1,403	282,726	40,564	6,990	627	976		
1935:																			
August.....	64	60	619.6	103.7	30.3	42.2	12.9	158.2	34.6	237.8	245	1,425	294,018	42,074	7,731	576	848		
September.....	70	62	657.9	117.8	30.9	40.6	17.4	160.3	33.8	257.1	229	1,364	306,960	57,359	7,148	574	907		
October.....	73	64	720.5	143.4	31.6	37.0	21.6	166.9	32.4	287.5	208	1,278	341,018	75,425	7,454	800	983		
November.....	67	66	635.9	132.3	27.5	31.3	16.9	157.6	13.4	256.9	252	1,246	301,331	54,234	4,087	655	843		
December.....	62	71	579.6	138.8	25.9	27.3	12.8	146.6	5.2	223.1	271	1,409	296,225	46,040	439	0	852		
1936:																			
January.....	63	70	588.3	156.0	26.0	30.2	13.1	141.4	5.6	215.9	231	1,533	299,099	35,765	0	0	775		
February.....	65	70	627.0	192.1	26.9	30.2	10.6	146.0	5.7	215.6	171	1,359	300,459	33,595	0	0	813		
March.....	62	66	604.7	112.5	30.5	34.0	11.9	155.6	6.0	254.2	205	1,312	308,304	35,206	0	0	981		
April.....	66	69	636.2	118.2	30.3	30.6	12.4	161.8	8.9	274.0	179	1,353	313,410	41,548	37	228	1,023		
May.....	71	70	670.4	119.6	32.3	31.1	12.3	158.9	37.4	278.7	185	1,295	320,966	41,842	8,710	568	940		
June.....	72	70	696.8	114.9	34.7	34.9	11.8	162.2	50.5	287.9	176	1,430	330,692	50,313	9,835	616	989		
July.....	75	73	706.4	117.2	32.7	52.9	12.9	157.0	52.3	281.3	147	1,516	349,744	61,774	10,951	738	976		
August.....	76	70	740.2	129.7	36.1	43.3	15.4	165.6	54.9	295.2	146	1,565	350,585	64,681	10,699	605	1,058		
Monthly average, January through August.....																			
1934.....	62	-----	596.0	123.1	22.7	32.8	18.7	160.0	16.8	221.9	367	1,248	273,579	37,859	\$ 5,634	\$ 479	946		
1935.....	61	-----	585.2	120.6	25.5	28.7	12.1	154.5	18.9	224.9	299	1,273	275,604	32,981	\$ 5,833	\$ 492	834		
1936.....	69	-----	660.5	133.8	31.2	35.8	12.6	156.1	28.1	262.9	179	1,420	335,407	45,591	\$ 8,046	\$ 551	944		

¹ Daily average basis.² Adjusted for seasonal variations.³ American vessels, both directions.⁴ Average weekly basis.⁵ Average, April—August.

Automobiles and Rubber

SEPTEMBER marked the close of the 1936-model year, with production down sharply from the August total of 271,000 units which, in turn, was down from July by more than the estimated seasonal amount. September production is expected to approximate 115,000 units, the low point of the year, with a sharp rise anticipated for October.

Total production for the automotive year, October to September, inclusive, approximated 4,400,000 units, an exceptionally good showing. The total for the calendar year 1936 may exceed this figure since production schedules tentatively set for the fourth quarter indicate an output for this period which will exceed the total of more than a million cars which were produced in the final quarter of 1935.

Stocks of 1936 models in the hands of dealers are reported to be low and will be cleared before the new models are available. One leading producer operated assembly lines at a relatively high rate into the latter half of September to meet dealer requirements for 1936 models. Most companies ceased assemblies, however, before the first of September. Considerable outlays are being made by the major companies to improve, expand, and integrate their production facilities.

Retail sales of new passenger vehicles have declined during August and September in accord with the usual pattern and, despite the drop in the seasonally

adjusted index since July, the current demand augurs well for the start of the new-model season. August passenger car sales were the best for the month since 1929, while sales of commercial vehicles topped the previous record for that month.

While current data on total sales of used cars are not available, statistics on used-car financing as well as on the financing of new cars are issued monthly. Used-car sales rose sharply after February, reaching a seasonal peak in June and then turning downward. The total number of used cars financed in the first 7 months of 1936, by 456 reporting organizations, was 1,445,000, an increase of 38 percent over the same period of 1935 and almost double the comparable 1934 total. New cars financed in the 7 months of 1936 numbered 1,216,000, a gain of more than 50 percent over the preceding year. The average amount advanced per new car this year was \$575, or \$30 more than in 1935. Copies of the monthly report presenting these statistics may be obtained from the Bureau of the Census, Department of Commerce.

Although still experiencing labor difficulties, the rubber manufacturing industry is completing an active third quarter. Crude rubber consumption during the first 2 months of this period exceeded 90,000 tons, about 29 percent more than in the same months of 1935.

AUTOMOBILE AND RUBBER STATISTICS

Year and month	Automobile production					Automobile exports		Registrations		New passenger-car sales		Pneumatic tires ¹		Crude rubber		
	United States				Canada	Passenger	Trucks	New passenger cars	New commercial cars	Unadjusted	Adjusted ²	Production	Domestic shipments	Domestic consumption, total	Imports	World stocks, end of month
	F.R. index, adjusted ³	Total	Passenger cars ⁴	Trucks	Total											
	Monthly av., 1923-25=100	Thousands								Number				Monthly average, 1929-31=100		Thousands
1929: August.....	131	499	442	56,808	14,214	22,123	20,706	376,882	52,516	167.0	148.5	4,354	5,667	34,447	37,851	291,238
1930: August.....	62	224	184	40,450	9,792	7,956	5,318	203,643	33,752	87.8	78.0	3,332	3,976	28,129	36,657	451,114
1931: August.....	52	187	155	31,772	4,544	5,675	2,374	155,744	27,032	58.8	52.5	3,125	3,845	25,379	39,033	555,931
1932: August.....	23	90	76	14,418	4,067	2,893	2,044	93,457	15,010	34.0	30.0	2,471	2,065	20,582	33,989	597,273
1933: August.....	60	233	191	41,441	6,079	6,516	3,792	178,935	28,807	58.3	52.0	3,996	3,674	39,097	45,413	617,449
1934: August.....	61	235	184	51,311	9,904	12,536	7,293	193,198	40,790	63.1	56.0	3,427	4,091	30,312	32,700	674,702
1935:																
August.....	77	237	181	56,270	7,675	10,076	9,997	233,851	50,355	80.2	75.0	3,234	3,783	36,000	41,483	680,644
September.....	69	88	56	31,443	5,188	5,622	7,081	157,098	41,390	50.1	79.0	3,067	2,621	34,000	35,707	661,500
October.....	93	272	213	58,733	8,273	7,471	7,109	148,389	43,243	53.3	82.0	3,281	3,258	38,192	36,378	655,000
November.....	114	395	337	58,145	13,491	22,491	8,038	220,262	37,616	96.6	113.5	3,238	3,170	38,500	26,073	623,300
December.....	125	405	343	61,606	13,789	17,736	10,276	237,194	38,000	90.6	106.5	3,282	3,311	38,648	39,812	611,987
1936:																
January.....	110	364	298	65,730	13,302	15,867	9,787	215,782	43,780	69.3	102.0	3,709	3,079	43,655	33,921	600,479
February.....	90	288	225	62,790	13,768	16,046	9,013	176,668	40,301	65.5	89.5	2,898	2,545	33,071	34,339	599,355
March.....	109	421	344	77,448	18,021	18,921	9,999	301,272	51,817	117.8	101.0	2,947	3,065	38,433	34,874	574,594
April.....	124	503	417	85,642	24,951	17,723	8,330	397,190	67,000	142.3	93.5	3,932	3,917	46,707	45,830	558,583
May.....	118	461	386	75,058	20,006	17,727	10,848	392,750	62,183	138.6	93.5	4,027	4,659	45,434	37,650	533,411
June.....	118	453	376	77,061	16,400	14,987	9,055	369,423	56,000	139.3	109.5	4,544	4,659	47,372	38,273	511,931
July.....	123	441	372	68,597	10,475	12,714	9,811	357,490	63,695	117.3	104.3	4,427	4,659	45,721	26,450	510,872
August.....	96	271	210	61,537	4,660	8,323	7,405	262,912	59,222	92.3	91.4	-----	-----	45,257	41,788	490,000
Monthly average, January through Aug:																
1934.....	84	277	226	50,652	12,888	11,174	7,934	177,220	34,131	65.6	-----	4,407	-----	36,560	43,249	670,422
1935.....	106	348	288	60,608	16,517	15,047	8,322	247,621	44,458	89.2	-----	4,686	-----	37,738	41,121	681,120
1936.....	120	400	328	71,733	15,135	15,289	9,394	309,186	54,247	110.3	-----	4,783	-----	43,206	-----	547,403

¹ Adjusted for seasonal variations. ² Covers varying percentage of industry, see note on p. 55. ³ Includes taxicabs, see footnote on p. 59. ⁴ 7 months' average.

Iron and Steel

DEMAND for finished steel products has been relatively large during September, the slackening in the volume of orders for the heavy products being offset by the increased demand for the lighter steels, notably sheet orders, from the automobile concerns. Higher prices on a number of finished steel products announced for the fourth quarter caused some advance purchasing by consumers while orders were being accepted at current quotations.

Final figures for August revealed a daily average production of 161,351 tons of steel ingot (73.5 percent of capacity), a more-than-seasonal increase over the July total of 150,874 tons and the largest production reported since March 1930. With the estimated rate of operations toward the close of September above 74 percent of capacity, third-quarter output will approximate 72 percent, 2 points above the rate for the second quarter and 25 points above the output in the corresponding quarter of 1935. The Iron Age states that "there is ample assurance of a continuation of the present rate of production, or a little better, to the end of October at least."

Profits for the third quarter are expected to be substantial, although shipments of finished products for the quarter may not exceed the tonnage for the second quarter, if the figures for the United States Steel Corporation are indicative of the trend for the industry. For the first 2 months of this quarter Steel Corporation shipments were 90,000 tons less than the com-

bined total for April and May, both periods having the same number of working days.

Orders received by some important steel consumers, notably the machinery industry, have slackened after an unusually active market in midsummer, but the volume compares very favorably with the average for the year to date and the large backlog of orders on hand has sustained manufacturing schedules. Structural steel orders declined in the first half of September but picked up subsequently as orders were placed for several important construction projects.

While the steel industry as a whole is operating at approximately three-fourths of rated ingot capacity in the latter part of September, some individual plants are on a 100-percent basis and, according to Iron Age, ingot output in the Detroit district has engaged all the facilities in that area. The Eastern and Wheeling districts are at 90 percent, or better, and the Ohio River area at 85 percent. In the Pittsburgh, Chicago, and Cleveland areas the rate of operations deviates only moderately from the national average. Operations in the Philadelphia and Southern areas are well below the average.

Continued strength in scrap has featured the current market, with heavy melting scrap at Pittsburgh up to \$18.50 a ton, or within \$1 of the peak price of 1929. The composite price of scrap, as computed by Steel, was \$16.54 a ton in mid-September, up nearly \$2 a ton from a month ago.

IRON AND STEEL STATISTICS

Year and month	General operations			Iron and steel		Pig iron		Steel ingots		Steel sheets ²		United States Steel Corporation, finished products, ship- ments	Prices			
	Produc- tion, ad- justed ¹	Em- ploy- ment, ad- justed ¹	Pay rolls, unad- justed	Ex- ports	Im- ports	Produc- tion	Fur- naces in blast	Produc- tion	Per- cent of capacity	New or- ders	Ship- ments		Iron and steel, com- posite ³	Steel billets, Besse- mer (Pitts- burgh)	Steel scrap (Chi- cago)	Fin- ished steel, com- posite
Monthly average, 1923-25=100			Thousands of long tons		Num- ber	Thou- sands of long tons		Thou- sands of short tons	Long tons	Dollars per long ton			Dollars per 100 pounds			
1929: August.....	139	105.6	111.3	257	84	3,756	210	4,939	93	282	366		36.36	35.00	15.06	2.55
1930: August.....	90	85.4	78.6	151	35	2,524	139	3,061	59	149	206	947,402	32.90	31.00	12.13	2.26
1931: August.....	50	68.2	50.8	73	30	1,281	76	1,717	31	123	152	573,372	30.73	29.00	8.38	2.19
1932: August.....	23	48.8	23.5	33	24	531	42	847	15	66	61	291,688	28.77	26.00	5.75	2.17
1933: August.....	80	68.7	50.0	119	47	1,833	98	2,864	49	159	174	668,155	29.92	26.00	10.45	2.17
1934: August.....	39	68.8	45.5	243	32	1,054	62	1,381	23	66	78	378,023	32.24	27.00	9.19	2.44
1935:																
August.....	81	73.4	58.4	247	31	1,761	99	2,916	49	207	181	624,497	32.68	27.00	12.38	2.43
September.....	83	74.1	62.7	244	53	1,776	104	2,825	51	196	177	614,933	32.82	27.00	12.50	2.43
October.....	88	75.9	65.5	238	60	1,978	116	3,143	53	226	221	686,741	32.84	27.00	12.50	2.43
November.....	96	77.1	65.1	205	57	2,066	122	3,150	55	289	213	681,820	33.15	28.00	13.00	2.43
December.....	103	77.9	68.8	239	54	2,106	120	3,073	56	203	195	661,515	33.31	29.00	13.35	2.43
1936:																
January.....	86	77.6	64.4	242	50	2,026	117	3,046	51	175	207	721,414	33.34	29.00	13.38	2.43
February.....	83	75.9	65.2	214	43	1,824	120	2,964	54	138	176	676,315	33.48	29.00	14.19	2.43
March.....	83	76.1	69.9	264	57	2,040	126	3,343	59	252	210	783,552	33.21	28.20	14.75	2.37
April.....	100	77.9	73.9	302	48	2,404	144	3,942	69	190	252	979,907	33.10	28.00	14.34	2.36
May.....	105	80.1	76.9	315	59	2,648	146	4,046	71	192	210	984,097	32.92	28.00	12.88	2.36
June.....	113	82.2	78.5	295	60	2,886	145	3,985	70	261	204	886,065	32.79	28.00	12.85	2.36
July.....	119	85.1	75.8	297	48	2,594	146	3,923	69	193	213	950,851	33.49	30.00	13.38	2.43
August.....	121	85.6	79.8	295	61	2,712	148	4,195	74	208	197	923,703	33.88	30.00	15.19	2.43
Monthly average, January through August:																
1934.....	65	70.3	51.5	214	27	1,510	91	2,409	42	166	171	553,357	32.12	27.14	10.60	2.41
1935.....	73	71.4	57.0	267	31	1,635	95	2,653	46	195	190	590,786	32.46	27.00	10.77	2.44
1936.....	101	80.1	73.1	278	53	2,354	137	3,681	65	201	209	863,238	33.28	28.78	13.87	2.40

¹ Adjusted for seasonal variations.² Black, blue, galvanized, and full finished³ See table on p. 19 of the January 1935 issue.

Textile Industries

ACTIVITY in the textile industries during the third quarter experienced a brisk rise, with mill operations at the best level of the recovery period, if exception is made of the months just prior to the adoption of the NRA codes. Production during August increased by more than the usual seasonal amount, while for the 3 months ended with August the adjusted production index rose about one-fifth. September reports indicate the continuation of a favorable rate of activity during the current month. All four major branches of the textile industry have shared in the improvement in recent months, with the rayon industry approaching capacity production.

While daily average cotton consumption was slightly lower in August than in July, it was the highest for any August since 1927, and was about 45 percent above the August figures of both 1934 and 1935. After allowance for seasonal variation, consumption has risen steadily since May, and by August the daily rate had increased 21 percent. Consumption for the first 8 months of the year was nearly one-fourth larger than in the corresponding period of 1935, and about 9 percent below that of the January-August period of 1929. According to trade reports, the rise in cotton-mill activity has been accompanied by general gains in cloth sales. Buying was accelerated by the advance

in prices of raw cotton and cotton goods subsequent to the September crop forecast.

Activity in the woolen industry has steadily improved in recent months. After the record volume of operations of the summer of 1935, production declined irregularly through April. Since that month, activity has expanded rapidly and by August the seasonally adjusted index was back to the 1935 average.

The establishment of a new record for deliveries of nonacetate rayon in August was accompanied by a further decrease in stocks. The trend of stocks has been downward since the middle of 1935, and this movement was accentuated after May of this year. By the end of August, yarn held by the producers was reduced to 1 week's supply, based on average shipments for the previous 12 months. The data on stocks are available back to 1930, and for the period covered by the series, stocks have never been so low, except for a brief period in the summer of 1933.

Silk deliveries increased by considerably more than the usual seasonal amount in August, as they did in July. On an adjusted basis, August deliveries were at the highest level since last December and were about 22 percent above the low point of the year reached in May. Consumption of this fiber is, however, still relatively low.

TEXTILE STATISTICS

Year and month	Pro- duc- tion in- dex, ad- justed ¹	Cotton, raw	Cotton manufactures			Wool	Wool manufactures				Whole- sale price, woolen and worsted goods	Silk		Rayon		Hosi- ery	
		Mill con- sump- tion	Spin- dle ac- tivity, total	Cotton cloth, finishing		Whole- sale price, cotton goods	Con- sump- tion ¹	Spinning spindles		Looms		Deliv- eries to mills	Whole- sale price, raw, Japa- nese, 13- 15 (New York)	Deliveries to mills		Pro- duc- tion	
				Plain bleach- ed	Print goods			Wool- en	Wor- sted	Nar- row				Broad	Un- ad- just- ed		Ad- just- ed ¹
1929: August.....	118	558,754	8,129			98.2	52,644	77	69	62	60	86.8	59,704	5.073	281	281	
1930: August.....	80	352,626	5,107			84.1	33,761	48	55	43	44	77.8	41,734	2.955	219	214	
1931: August.....	99	425,030	6,198			64.0	51,140	66	78	45	70	67.4	46,454	2.512	349	339	
1932: August.....	90	404,497	5,530			52.6	41,361	59	57	26	60	53.4	59,905	1.647	406	390	
1933: August.....	114	588,902	7,944			93.5	55,694	99	83	51	87	78.9	42,852	1.881	420	397	
1934: August.....	80	418,941	5,754	113,209	84,499	86.4	28,495	72	26	24	51	78.9	36,247	1.144	307	287	7,838
1935:																	
August.....	104	408,325	5,557	94,521	77,913	82.5	74,781	103	67	31	85	76.4	41,715	1.705	550	513	9,001
September.....	106	450,647	6,182	93,013	86,948	83.2	80,293	97	67	33	78	76.9	45,156	1.868	553	419	9,577
October.....	113	552,840	7,437	110,885	97,972	84.5	78,727	106	81	42	84	79.1	48,167	2.084	494	462	11,574
November.....	106	512,312	6,898	102,292	97,331	85.8	72,993	104	83	44	89	80.7	37,012	2.092	404	522	10,293
December.....	111	499,773	6,804	101,310	104,720	86.0	73,367	93	73	43	90	81.0	35,559	1.958	473	557	8,918
1936:																	
January.....	105	590,484	7,709	97,435	100,528	80.4	73,908	95	62	48	90	81.4	38,995	1.950	477	487	10,099
February.....	102	515,977	6,735	92,807	91,860	78.1	64,193	96	68	44	90	82.8	32,053	1.784	517	454	9,252
March.....	100	550,641	7,254	107,893	95,274	77.1	53,460	85	59	38	80	83.8	36,000	1.733	422	399	9,832
April.....	100	576,762	7,313	104,837	91,074	76.2	55,387	82	60	36	76	82.2	34,504	1.682	433	416	10,201
May.....	100	530,894	6,896	105,062	89,518	75.5	46,593	87	57	34	76	82.2	32,087	1.600	428	446	9,270
June.....	107	585,449	7,320	104,630	90,338	75.4	54,533	87	57	36	74	82.6	31,437	1.597	498	623	9,479
July.....	115	607,056	7,855	101,904	91,273	78.7	68,718	90	59	36	69	82.0	36,658	1.714	614	808	9,983
August.....	120	574,289	7,573	104,667	91,157	79.5	63,449	97	68	43	73	81.2	42,016	1.791	633	586	10,111
Monthly average, January through August:																	
1934.....	86	462,998	6,506	128,434	102,218	87.0	30,812	70	38	33	58	82.0	37,689	1.323	333	347	8,733
1935.....	101	454,387	6,086	122,541	96,941	82.7	66,192	87	68	28	79	74.4	41,406	1.445	418	437	8,875
1936.....	106	552,569	7,332	102,404	92,629	77.6	60,030	90	61	39	79	82.3	35,476	1.731	503	527	9,778

¹ Adjusted for seasonal variations.² Grease equivalent; see note on p. 58.

Progress of the Domestic Rayon Industry

By J. A. Van Swearingen, Division of Economic Research

COMMERCIAL development of the rayon industry in the United States started in 1911, and since then progress has been steady. Even in 1932, the worst of the depression years, when most industries were forced to curtail operations sharply, rayon manufacturing experienced only a minor set-back. In only 2 other years, the war year 1918 and 1934, has there been a decline in production. The small recession in the latter period followed a year when production registered an unusually large gain. In 1935 all previous production records were broken, and the expansion has continued in 1936.

Industry Experienced Rapid Growth

When the brief history of the rayon industry is reviewed, it becomes apparent that its development has been somewhat different from that of most other new industries. A large-scale, closely controlled enterprise from the outset, the "weeding out" process and the consequent dissipation of capital and productive effort which has been so marked in other young and rapidly growing industries was not so evident. At the same time, however, the major benefits normally resulting from the growth of a young industry under

competition, i. e., the development of a constantly improving product at a decreasing price, have been obtained through competition with the other textile fibers.

Although rayon was introduced commercially some 25 years ago, activity for a period of about 10 years was largely along experimental lines, with one company accounting for the total domestic output. The rapid growth of the industry began in 1920. Rayon prices reached a record high of \$6 a pound in that year, and with this factor as a major incentive three more companies started operations. During the next few years sharp declines in prices were experienced, but by 1924 the price situation had become relatively stable, the demand for rayon was increasing, and business in general was on the upswing. Under these favorable influences, a number of additional companies were organized in the next 6 years. According to the Bureau of the Census data shown in table 1, 29 establishments were manufacturing rayon in 1929, against 14 in 1925. During this period, the development of "crepe twist" rayon yarn suitable for dress goods opened up a new market. Many silk and cotton operators turned to the production of rayon fabrics,



Figure 1.—Index of Rayon Deliveries, adjusted for seasonal variations, 1923-35.

with the result that the demand for the new rayon yarn became firmly established.

The 1935 Census reports showed 31 establishments in operation, or two more than in 1929. Rayon yarns and allied products manufactured in 1935 were valued at \$181,155,000. Of the total value of all products \$148,727,000 represented rayon yarns and the remainder allied products, such as transparent wrapping tissue, rayon staple fiber, horsehair and waste, and a small quantity of nonrayon products. Production of yarn in 1935 was more than 7 times as large as that of 1923, and value of yarns manufactured increased about 2½ times. Yarn prices dropped from \$2.80 per pound to \$0.57 in this 12-year period.

Table 1.—Rayon and Allied Products: Summary for the Industry ¹

Item	1925	1927	1929
Number of establishments.....	14	19	20
Wage earners (average for the year) ²	19,128	26,341	30,106
Wages.....	\$22,975,605	\$28,649,441	\$44,697,126
Cost of materials, containers, fuel, and purchased electric energy.....	\$18,477,965	\$25,747,792	\$33,334,753
Production:			
Yarns:			
Total pounds.....	51,902,491	75,555,439	116,632,375
Total value.....	\$88,007,873	\$106,468,752	\$140,846,595
Allied products (sheers, waste, etc.), value.....	\$53,089	\$3,419,584	\$8,699,512
Other products, value.....	\$69,582,997	\$84,140,544	\$116,211,354
Value added by manufacture ³			
Item	1931	1933	1935 ⁴
Number of establishments.....	32	34	31
Wage earners (average for the year) ²	38,735	44,306	50,167
Wages.....	\$38,231,493	\$38,613,000	\$50,328,691
Cost of materials, containers, fuel, and purchased electric energy.....	\$36,180,858	\$44,031,000	\$61,578,193
Production:			
Yarns:			
Total pounds.....	150,879,496	213,498,000	257,557,347
Total value.....	\$112,282,407	\$129,202,000	\$148,726,516
Allied products (sheers, waste, etc.), value.....	\$20,350,009	\$27,729,000	\$28,744,026
Other products, value.....	\$96,451,558	\$112,900,000	\$119,576,790
Value added by manufacture ³			

¹ No data previous to 1925 available except as follows: 1923, yarn production, pounds, 36,476,625; value, \$59,051,385.

² Not including salaried officers and employees. Average of number reported for the several months of the year, with equal weighting for full-time and part-time employees.

³ Value of products less cost of materials, containers, fuel, and purchased electric energy.

⁴ Preliminary.

⁵ Included with "Allied Products" prior to 1935 census.

Source: Bureau of the Census, U. S. Department of Commerce.

The manufacture of rayon staple fiber is becoming increasingly important, although as yet the amount produced is small, relative to rayon yarn production. The staple, which is made by spinning the rayon filaments and then cutting them into short uniform lengths, has been found useful in simulating wool and cotton fabrics, rather than the silk-like effects obtained when filament rayon yarns are used. According to the Textile Organon, rayon staple fiber production amounted to about 5 million pounds in 1935, as compared with only one-half million pounds in 1929.

An idea of the extent and rapidity of the growth of the industry, as well as comparative data for the relative changes in the other branches of the textile

industry, may be obtained from figure 2, which shows the trends of consumption of the basic textile fibers. In order to show relative or percentage changes from year to year, rather than absolute changes, the data are plotted on a ratio chart. Equal vertical distances show equal percentage changes, hence in comparing the trends shown, the significant factor is the degree of slope of each of the plotted lines.

Consumption of rayon first exceeded that of silk in 1927, and by 1935 the former was more than four times as large as the latter. In 1934 the amount of rayon consumed approached that of wool consumption, but in 1935 the spread widened; the increase in wool consumption, which had fallen rather sharply in the preceding year, was greater than the increase in rayon. It may be noted that the rayon poundage figures plotted here are for yarn, whereas those for cotton, wool, and silk are for the raw material.

Though growth in the rayon industry in this country has been exceedingly rapid, expansion in world production facilities, particularly in Japan, during the last few years has resulted in some decline in the proportion of the world's total production accounted for by the United States. Through 1935, however, the United States continued as the world's leading rayon producer, a position which it has held since 1919. In the last 2 years plants in this country produced about one-fourth of the world's total yarn and staple fiber, as compared with 31 percent in 1933, according to the Rayon Organon. Japanese producers accounted for 14 percent of all rayon produced in 1933, and by 1935 this

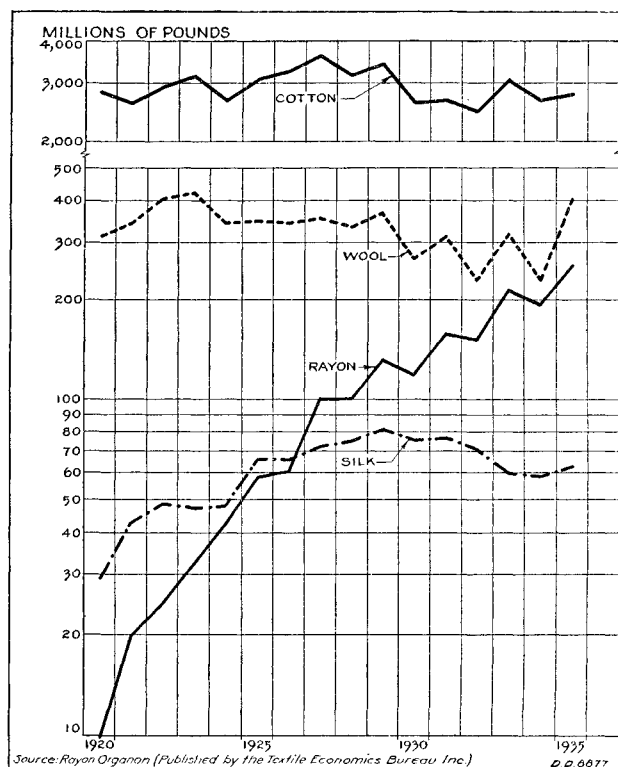


Figure 2.—Annual Consumption of Textile Fibers, 1920-35.

percentage had increased to 22. Great Britain, Germany, Italy, and France are the other leading producers, but in these countries, as in the United States, the increases in production in recent years have not been so large as that recorded in Japan.

In 1936 it is possible that the United States may yield first place to Japan. In the first half of the current year, members of the Japan Rayon Association, which account for a large part of the Japanese output, produced 32 percent more rayon yarn than in the corresponding period last year. In the United States production increased 6 percent for this comparative period. The comparative situation in the two countries has been somewhat more favorable for the United States in the second half of the year.

Rayon Deliveries

Consumption of rayon, i. e., deliveries from the producer, varies widely from month to month. Such changes have a distinct seasonal pattern, but even after adjustment for this factor the fluctuations are extremely sharp, as shown in figure 1. Data used in this chart are for non-acetate rayon deliveries only and it may be noted that the relative gain over the 1923-35 period is somewhat smaller than that shown in figure 2. This is due to the fact that the annual data on consumption include the figures for acetate rayon, which are not available on a monthly basis. Acetate rayon has become increasingly important in recent years; in 1935, 21.8 percent of all rayon was produced by the acetate process, as compared with 7.7 percent in 1930 and only 3.2 percent in 1925.

Distribution of Rayon Yarn

Census data indicating the trends of production of rayon textiles are not yet available for 1935. Earlier census data, together with certain estimates published in the Rayon Organon, give an indication of the distribution of rayon yarn and the position which it occupies in various textile industries producing articles of advanced manufacture.

Using a broad classification, rayon is consumed by three major trades—the hosiery industry, other knit-goods manufacturers, and the woven goods industry. Table 2 shows rayon shipments, according to this classification, together with the percentage of the total shipped to each group in the years from 1912 to 1935.

Here it is seen that in the early years the hosiery industry was the largest buyer of rayon. By 1921, however, the woven goods industry became the rayon producers best customer, with the "other" knit goods industry assuming second place. In the last 6 years the woven goods industry has consumed an increasingly large proportion of the total rayon output, the share taken by the "other" knit goods manufacturers has

remained fairly constant, and purchases by the hosiery manufacturers have declined, relative to the total. Consumption of rayon by the hosiery industry has also shown a tendency to decline on a poundage basis in the last few years. Rayon, however, continues as a major source of raw material in the hosiery industry; more than one-fourth of all hose manufactured in 1934 and 1935 were made either wholly or principally of rayon, according to data compiled by the National Association of Hosiery Manufacturers. Almost one-half of all men's hose manufactured in those years were either wholly or partly of rayon, while for women's hose these percentages were 10 percent in 1934 and 8 percent in 1935.

Table 2. Shipments of Rayon Yarn to Major Consumers, 1912-35

[In millions of pounds and percent]

Year	Knit goods manufacturers				Broad woven goods manufacturers		Miscellaneous ¹		Total shipments	
	Hosiery		Other knit		Quantity	Percent	Quantity	Percent	Quantity	Percent
	Quantity	Percent	Quantity	Percent						
1912.....	0.3	30	0.1	7	0.3	23	0.4	40	1.1	100
1913.....	.6	40	.1	5	.4	25	.5	30	1.6	100
1914.....	1.1	47	.1	3	.7	28	.5	22	2.4	100
1915.....	2.7	65	.2	5	.9	22	.3	8	4.1	100
1916.....	3.2	56	.6	11	1.3	22	.6	11	5.7	100
1917.....	3.0	45	1.0	15	1.9	29	.7	11	6.7	100
1918.....	1.8	40	.8	17	1.4	31	.6	12	4.6	100
1919.....	2.3	28	1.5	18	2.6	32	1.8	22	8.2	100
1920.....	2.0	25	1.7	22	1.9	24	2.3	29	7.9	100
1921.....	3.8	23	5.1	31	3.6	22	3.9	24	16.4	100
1922.....	5.8	26	6.5	29	5.3	24	4.8	21	22.4	100
1923.....	6.6	22	7.9	27	9.6	33	5.3	18	29.4	100
1924.....	8.3	21	11.0	27	15.8	39	5.1	13	40.2	100
1925.....	10.7	20	10.5	20	26.1	50	5.5	10	52.8	100
1926.....	10.3	20	15.0	29	21.2	42	4.8	9	51.3	100
1927.....	16.7	20	28.9	34	31.5	37	7.9	9	85.0	100
1928.....	14.7	17	32.9	37	32.5	37	7.9	9	88.0	100
1929.....	18.8	16	43.7	37	45.4	39	8.5	8	116.4	100
1930.....	16.5	15	38.0	34	49.5	44	7.6	7	111.6	100
1931.....	21.1	14	48.7	31	75.6	49	10.2	6	155.6	100
1932.....	19.0	13	38.0	25	84.6	56	10.2	6	151.8	100
1933.....	17.1	8	40.9	20	141.5	67	11.6	5	211.1	100
1934.....	14.1	7	41.2	22	130.6	67	8.8	4	194.7	100
1935.....	14.7	6	47.8	19	178.9	71	10.3	4	251.7	100

¹ Includes shipments to narrow goods weavers.

Source: Rayon Organon.

Of the shipments to "other" knit goods manufacturers, the knit underwear trade accounts for between 80 and 90 percent of the total, the remainder going to manufacturers of knit dress goods, neckties, sweaters, bathing suits, and knitted elastic goods. According to census data, roughly 30 percent of all underwear produced in 1934 and in 1935 was made wholly or chiefly from rayon yarn.

There are no detailed data on the consumption of rayon by the woven goods manufacturers, but according to the best estimates available, about 60 percent of all rayon consumed by the broad goods mills is taken by the dress goods and novelties manufacturers. Others using large quantities of rayon are manufacturers of taffetas and linings.

HOURS OF WORK AND WEEKLY AND HOURLY EARNINGS (25 INDUSTRIES) ¹

Month	1914	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936
Average Actual Hours, Per Week, Per Wage Earner, All Wage Earners (Number of Hours)																		
January.....			44.2		50.0	48.2	48.5	48.4	48.1	48.0	48.6	46.2	40.2	35.9	35.1	34.0	36.3	38.4
February.....			44.2		49.7	48.2	48.5	49.0	48.4	48.4	49.1	46.7	42.3	37.7	35.6	35.6	37.2	38.1
March.....			45.0		50.1	47.6	48.6	48.8	48.3	48.2	49.0	45.9	42.3	36.1	32.1	36.4	36.5	38.7
April.....			44.7		50.2	47.7	48.1	48.1	47.9	47.4	48.8	45.8	41.9	34.2	34.0	35.4	36.7	39.5
May.....			44.5		49.9	46.6	48.0	47.9	48.2	47.7	48.6	44.9	42.8	33.7	37.6	35.5	36.3	39.4
June.....		49.4	44.6		49.5	45.7	47.4	47.9	47.7	48.0	48.4	44.5	41.3	32.8	41.5	35.4	36.0	39.4
July.....	51.5	49.5	45.2	48.0	49.2	45.0	47.4	47.5	47.0	47.6	48.4	42.9	40.1	31.9	42.9	34.0	36.5	39.2
August.....		49.3	45.8	48.7	48.8	45.5	47.6	47.5	47.6	47.9	48.3	42.4	39.7	32.1	38.2	33.5	37.4	40.0
September.....		48.7	46.0	49.0	48.0	46.4	48.4	48.5	47.7	48.3	48.8	42.4	39.4	35.2	36.3	33.4	37.7	
October.....		48.3	47.7	49.6	48.5	47.5	48.4	48.7	47.4	47.9	49.3	42.6	38.1	36.5	36.1	33.9	38.5	
November.....		46.4	47.1	49.7	48.2	46.9	48.6	47.6	47.1	47.7	46.2	41.0	37.8	36.5	33.8	34.0	38.6	
December.....		45.8	47.6	49.9	48.2	48.0	49.0	47.7	47.3	48.0	46.6	41.4	38.4	35.1	33.8	35.0	38.7	
Monthly average.....		² 48.2	45.6	² 49.2	49.2	46.9	48.2	48.1	47.7	47.9	48.3	43.9	40.4	34.8	36.4	34.7	37.2	
Average Weekly Earnings All Wage Earners (Dollars)																		
January.....			25.53		25.15	27.03	27.20	27.12	27.50	27.53	28.76	27.33	23.20	18.91	16.23	18.77	21.59	23.40
February.....			25.03		25.26	27.14	27.15	27.63	27.90	27.81	28.84	27.68	24.15	19.63	16.23	19.86	22.14	23.14
March.....			24.91		25.67	26.88	27.32	27.67	27.76	27.88	28.79	27.15	24.13	18.59	14.53	20.54	21.79	23.67
April.....			24.41		26.64	26.88	27.18	27.33	27.66	27.57	28.86	27.28	23.93	17.33	15.49	20.90	21.94	24.33
May.....			23.65		27.33	26.22	27.10	27.33	27.83	27.62	28.81	26.60	24.26	17.02	16.83	20.80	21.73	24.41
June.....		29.93	23.37		27.21	25.61	26.63	27.38	27.62	27.81	28.59	26.27	23.25	16.16	18.58	20.71	21.51	24.45
July.....	12.68	29.94	23.04	22.91	26.97	25.27	26.53	27.08	27.11	27.48	28.41	25.26	22.45	15.39	19.34	19.90	21.85	24.23
August.....		30.05	23.12	23.52	26.87	25.49	26.62	27.02	27.54	27.82	28.49	25.03	22.32	15.26	19.34	19.58	22.46	24.66
September.....		29.90	22.86	24.22	26.90	26.33	27.17	27.85	27.69	28.32	29.01	24.95	21.90	16.44	19.41	19.55	22.54	
October.....		29.70	23.31	24.82	27.24	26.74	27.29	27.97	27.48	28.19	29.22	24.82	20.93	16.81	19.50	20.00	23.13	
November.....		28.45	22.97	25.00	27.05	26.49	27.21	27.40	27.04	27.77	27.33	23.80	20.34	16.91	18.44	20.12	23.32	
December.....		27.79	23.03	25.24	27.08	27.06	27.60	27.29	27.20	27.81	27.52	23.86	20.59	16.22	18.57	20.74	23.38	
Monthly average.....		² 29.39	23.77	² 24.29	26.61	26.43	27.08	27.42	27.53	27.80	28.55	25.84	22.62	17.05	17.71	20.12	22.28	
Average Weekly Earnings, Male, Skilled and Semiskilled (Dollars)																		
January.....			29.76		29.13	31.08	31.47	31.43	31.27	31.48	32.54	31.02	25.72	21.65	18.71	20.92	23.96	26.40
February.....			28.72		29.42	31.46	31.26	31.99	31.96	31.86	33.09	31.34	26.87	22.43	18.68	21.89	24.66	26.05
March.....			28.67		29.77	31.19	31.61	32.04	31.81	32.05	32.97	30.81	26.86	21.15	16.63	22.60	24.26	26.43
April.....			28.17		30.93	31.10	31.30	31.46	31.79	31.83	33.07	31.01	26.67	19.85	17.72	23.15	24.65	27.18
May.....			26.91		31.56	31.31	31.34	31.49	31.99	31.66	32.93	30.17	27.26	19.53	19.05	23.29	24.39	27.32
June.....		34.70	26.71		31.52	29.85	30.95	31.62	31.75	31.99	32.55	29.88	25.92	18.30	21.37	23.20	24.15	27.31
July.....	14.99	34.77	26.61	26.39	31.45	29.00	30.68	31.12	30.96	31.20	32.63	28.43	24.89	17.50	22.27	22.34	24.70	26.88
August.....		34.98	26.57	27.27	30.85	29.45	30.59	31.39	31.62	31.93	32.73	28.30	24.77	17.48	22.26	21.72	25.15	27.48
September.....		34.61	26.28	28.08	30.92	30.61	31.44	32.00	31.59	32.56	33.20	28.21	23.92	18.67	22.05	21.62	24.98	
October.....		34.37	26.88	28.79	31.42	30.83	31.60	32.10	31.33	32.52	33.36	27.74	23.05	19.17	22.35	22.48	25.83	
November.....		32.97	26.50	28.96	31.21	30.51	31.40	31.30	30.81	31.93	31.00	26.46	22.02	19.42	21.05	22.60	26.08	
December.....		32.28	26.58	29.15	31.48	31.25	31.88	31.39	31.35	32.30	31.11	26.71	22.60	18.60	21.10	23.03	26.32	
Monthly average.....		² 34.10	27.36	² 28.11	30.81	30.55	31.29	31.61	31.61	31.94	32.60	29.17	25.05	19.48	20.27	22.40	24.93	
Average Weekly Earnings, Male, Unskilled (Dollars)																		
January.....			22.80		20.88	22.71	22.90	23.10	23.73	23.68	24.46	23.10	19.71	15.93	13.94	15.47	17.49	19.01
February.....			21.84		20.93	22.83	22.91	23.62	23.84	24.18	24.71	23.43	20.79	16.75	13.86	16.24	18.10	18.68
March.....			21.80		21.32	22.00	22.99	23.52	23.86	24.03	24.83	23.23	20.88	15.60	12.28	16.70	17.86	19.14
April.....			21.14		22.16	22.81	23.09	23.19	23.74	23.49	24.64	23.13	20.47	14.66	13.32	17.19	17.86	19.60
May.....			20.60		23.00	22.42	23.00	22.99	23.73	23.87	24.46	22.43	20.77	14.58	14.51	16.91	17.54	19.67
June.....		26.10	20.02		22.80	21.78	22.59	23.18	23.60	24.12	24.43	22.34	19.54	13.78	15.87	17.06	17.57	19.74
July.....	10.71	26.48	19.17	19.24	22.35	21.56	22.32	22.87	23.33	23.66	24.34	21.24	18.83	13.16	16.48	16.43	17.74	19.56
August.....		26.71	19.47	19.60	22.68	21.80	22.77	23.02	23.34	23.97	24.35	21.08	19.01	13.10	16.14	15.92	18.30	20.04
September.....		26.69	19.11	20.24	22.61	22.27	22.91	23.22	23.47	24.27	24.94	21.11	18.26	13.92	16.02	15.98	18.68	
October.....		26.69	19.40	20.76	23.08	22.57	23.11	23.75	23.58	23.85	25.19	21.28	18.10	14.40	16.34	16.29	19.33	
November.....		25.40	18.95	20.78	22.78	22.38	23.13	23.13	23.03	23.64	23.16	20.14	16.84	14.21	14.87	16.23	19.46	
December.....		24.36	19.03	21.18	22.80	22.81	23.42	22.91	23.24	23.93	23.33	20.32	16.95	13.67	15.27	16.59	19.40	
Monthly average.....		² 26.06	20.28	² 20.30	22.28	22.41	22.93	23.21	23.54	23.89	24.40	21.90	19.18	14.48	14.91	16.42	18.28	
Average Weekly Earnings, Female (Dollars)																		
January.....			15.49		16.65	17.24	17.65	16.85	17.33	17.30	17.49	16.71	14.70	12.65	10.92	13.59	15.19	15.12
February.....			15.86		16.56	17.19	17.56	17.22	17.42	17.39	17.77	17.00	15.41	13.30	11.04	14.48	15.45	15.38
March.....			15.75		16.86	17.43	17.57	17.27	17.53	17.30	17.62	16.68	15.75	12.71	10.04	14.79	15.43	15.24
April.....			15.70		17.20	17.02	17.26	17.28	17.43	16.58	17.73	16.36	15.12	11.60	10.11	14.71	15.21	15.15
May.....			15.95		17.80	16.61	17.40	17.11	17.30	16.71	17.89	16.10	15.40	11.01	11.12	14.61	14.74	14.98
June.....		18.61	15.72		17.66	15.81	16.74	17.10	17.32	16.98	17.57	15.98	15.11	10.70	12.32	14.57	14.73	15.00
July.....	7.75	18.26	15.18	15.22	17.20	15.65	16.58	17.25	16.95	16.90	17.36	15.62	14.68	10.83	12.99	14.33	14.76	15.14
August.....		17.82	15.47	15.16	17.54	15.92	16.78	16.86	17.20	17.03	17.57	15.39	14.75	10.63	1			

HOURS OF WORK AND WEEKLY AND HOURLY EARNINGS (25 INDUSTRIES) ¹—Continued

Month	1914	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936
Average Weekly Earnings, All Wage Earners (1923=100)																		
January.....			95.9		94.5	101.6	102.2	101.9	103.3	103.5	108.1	102.7	87.2	71.1	61.0	70.5	81.1	87.9
February.....			94.1		94.9	102.0	102.0	103.8	104.8	104.5	108.4	104.0	90.8	73.8	61.0	74.6	83.2	87.0
March.....			93.6		96.5	101.0	102.7	104.0	104.3	104.8	108.2	102.0	90.7	69.9	54.6	77.2	81.9	89.0
April.....			91.7		100.1	101.0	102.1	102.7	103.9	103.6	108.5	102.5	89.9	65.1	58.2	78.5	82.5	91.4
May.....			88.9		102.7	98.5	101.8	102.7	104.6	103.8	108.3	100.0	91.2	64.0	63.2	78.2	81.7	91.7
June.....		112.5	87.8		102.3	96.2	100.1	102.9	103.8	104.5	107.4	98.7	87.4	60.7	69.8	77.8	80.8	91.9
July.....	47.7	112.5	86.6	86.1	101.4	95.0	99.7	101.8	101.9	103.3	106.8	94.9	84.4	57.7	72.7	74.8	82.1	91.9
August.....		112.9	86.9	88.4	101.0	95.8	100.0	101.5	103.5	104.5	107.1	94.1	83.9	57.3	72.7	73.6	84.4	92.7
September.....		112.4	85.9	91.0	101.1	98.9	102.1	104.7	104.1	106.4	109.0	93.8	82.3	61.8	72.9	73.5	84.7	
October.....		111.6	87.6	93.3	102.4	100.5	102.6	105.1	103.3	105.9	109.8	93.3	78.7	63.2	73.3	75.2	86.9	
November.....		106.9	86.3	93.9	101.3	99.5	102.3	103.0	101.6	104.4	102.7	89.4	76.4	63.5	69.3	75.6	87.6	
December.....		104.4	86.5	94.9	101.8	101.7	103.7	102.6	102.2	104.5	103.4	89.7	77.4	61.0	69.8	77.9	87.9	
Monthly average.....		² 110.4	89.3	² 91.3	100.0	99.3	101.8	103.0	103.5	104.5	107.3	97.1	85.0	64.1	66.6	75.6	83.7	
Average Weekly Earnings, Male, Skilled and Semi-skilled (1923=100)																		
January.....			96.6		94.5	100.9	102.1	102.0	101.5	102.2	105.6	100.7	83.5	70.3	60.7	67.9	77.8	85.7
February.....			93.2		95.5	102.1	101.5	103.8	103.7	103.4	107.4	101.7	87.2	72.8	60.6	71.0	80.0	84.6
March.....			93.1		96.6	101.2	102.6	104.0	103.2	104.0	107.0	100.0	87.2	68.6	54.0	73.4	78.7	85.8
April.....			91.4		100.4	100.9	101.6	102.1	103.2	103.3	107.3	100.6	86.6	64.4	57.5	75.1	80.0	88.2
May.....			87.3		102.4	98.4	101.7	102.2	103.8	102.8	106.9	97.9	88.5	63.4	61.8	75.6	79.2	88.7
June.....		112.6	86.7		102.3	96.9	100.5	102.6	103.1	103.8	105.6	97.0	84.1	59.4	69.4	75.3	78.4	88.6
July.....	48.7	112.9	86.4	85.7	102.1	94.1	99.6	101.0	100.5	101.3	105.9	92.3	80.8	56.8	72.3	72.5	80.2	87.8
August.....		113.5	86.2	88.5	100.1	95.6	99.3	101.9	102.3	103.6	106.2	91.9	80.4	56.7	72.2	70.5	81.6	89.2
September.....		112.3	85.3	91.1	100.4	99.4	102.0	102.9	102.5	105.7	107.8	91.6	77.6	60.6	71.6	70.2	81.1	
October.....		111.6	87.2	93.4	102.0	100.1	102.6	101.6	101.7	105.6	108.3	90.0	74.8	62.2	72.5	73.0	83.8	
November.....		107.0	86.0	94.0	101.3	99.0	101.9	101.7	100.0	103.6	100.6	85.9	71.5	63.0	68.3	73.4	84.6	
December.....		104.8	86.3	94.6	102.2	101.4	103.5	101.9	101.8	104.8	101.0	86.7	73.4	60.4	68.5	74.7	85.4	
Monthly average.....		² 110.7	88.8	² 91.2	100.0	99.2	101.6	102.6	102.3	103.7	105.8	94.7	81.3	62.2	65.8	72.7	80.9	
Average Weekly Earnings, Male, Unskilled (1923=100)																		
January.....			102.3		93.7	101.9	102.8	103.7	106.5	106.3	109.8	103.7	88.5	71.5	62.6	69.4	78.5	85.3
February.....			98.0		93.9	102.5	102.8	106.0	107.0	108.5	110.9	103.2	83.3	75.2	62.2	72.9	81.2	83.8
March.....			97.8		95.7	103.2	103.2	105.6	107.1	107.9	111.4	104.3	83.7	70.0	55.1	75.0	80.2	85.9
April.....			94.9		99.5	102.4	103.6	104.1	106.6	105.4	110.6	103.8	81.9	65.8	59.8	77.2	80.2	88.0
May.....			92.5		103.2	100.6	103.2	103.2	106.5	107.1	109.8	100.7	83.2	65.4	65.1	75.9	78.7	88.3
June.....		117.1	89.9		102.3	97.8	101.4	104.0	105.9	108.3	109.6	100.3	87.7	61.8	71.2	76.6	78.9	88.6
July.....	48.1	118.9	86.0	86.4	100.3	96.8	100.2	102.6	104.8	106.2	109.2	95.3	84.5	59.1	74.0	73.7	79.6	87.2
August.....		119.9	87.4	88.0	101.8	97.8	102.2	103.3	104.8	107.6	109.3	94.6	85.3	58.8	72.4	71.5	82.1	89.9
September.....		119.8	85.8	90.8	101.5	100.0	102.8	104.2	105.3	108.9	111.9	94.7	82.0	62.5	71.9	71.7	83.8	
October.....		119.8	87.1	93.2	103.6	101.3	103.7	106.6	105.8	107.6	113.1	95.5	81.2	64.6	73.3	73.1	86.8	
November.....		114.0	85.1	93.3	102.2	100.4	103.8	103.8	103.4	106.1	103.9	90.4	75.6	63.8	66.7	72.8	87.3	
December.....		109.3	85.4	95.1	102.3	102.4	105.1	102.8	104.3	107.4	104.7	91.2	76.1	61.4	68.5	74.5	87.1	
Monthly average.....		² 117.0	91.0	² 91.1	100.0	100.6	102.9	104.2	105.7	107.2	109.5	98.3	88.1	65.0	66.9	73.7	82.0	
Average Weekly Earnings, Female (1923=100)																		
January.....			89.8		96.6	100.0	102.4	97.7	100.5	100.3	101.5	96.9	85.3	73.4	63.3	78.8	88.1	87.7
February.....			92.0		96.1	99.7	101.9	99.9	101.0	100.9	103.1	98.6	89.3	77.1	64.0	84.0	89.6	89.2
March.....			91.4		97.8	101.1	101.9	100.2	101.7	100.3	102.2	96.8	91.4	73.7	58.2	85.8	89.5	88.4
April.....			91.1		98.8	98.7	100.1	100.2	101.1	96.2	102.8	94.9	87.7	97.3	58.6	85.3	88.2	87.9
May.....			92.5		103.2	96.3	100.9	99.2	100.3	96.9	103.8	93.4	89.3	63.9	64.5	84.7	85.5	86.9
June.....		107.9	91.2		102.4	91.7	97.1	99.2	100.5	98.5	101.9	92.7	87.6	62.1	71.5	84.5	85.4	87.0
July.....	45.0	105.9	88.1	88.3	99.8	90.8	96.2	100.1	98.3	98.0	100.7	90.6	85.2	62.8	75.3	83.1	85.6	87.8
August.....		103.4	89.7	87.9	101.7	92.3	97.3	97.8	99.8	98.8	101.9	89.3	85.6	61.7	80.7	82.5	89.1	92.4
September.....		104.8	90.3	91.0	101.5	98.3	98.1	101.3	101.4	100.2	104.1	88.5	84.5	67.9	83.0	81.8	90.2	
October.....		103.0	91.5	92.9	101.3	99.4	98.8	102.9	102.2	96.2	104.4	91.4	80.7	70.9	82.6	83.7	90.4	
November.....		98.0	89.9	94.8	100.9	98.2	99.2	102.0	101.2	100.2	99.5	88.7	76.9	68.7	79.7	83.5	90.4	
December.....		96.0	90.7	96.3	98.8	99.1	101.0	101.2	101.0	101.1	99.9	90.8	78.9	66.8	78.2	87.5	91.2	
Monthly average.....		² 102.7	90.7	² 91.9	100.0	87.2	99.6	100.2	100.8	99.5	102.1	92.7	85.2	68.0	71.8	83.8	88.6	
Average hourly earnings, all wage earners (dollars)																		
January.....			0.581		0.503	0.559	0.560	0.559	0.571	0.573	0.585	0.592	0.578	0.540	0.466	0.552	0.594	0.608
February.....			.566		.508	.561	.559	.562	.575	.573	.587	.592	.573	.527	.462	.558	.595	.608
March.....			.512		.512	.562	.562	.565	.573	.577	.586	.592	.574	.522	.459	.563	.597	.611
April.....			.545		.530	.562	.564	.563	.570	.579	.590	.595	.574	.513	.460	.581	.598	.613
May.....			.533		.548	.562	.564	.568	.577	.578	.592	.591	.571	.508	.453	.586	.598	.616
June.....		0.603	.526		.549	.558	.562	.570	.578	.578	.590	.590	.567	.495	.450	.586	.600	.617
July.....	0.247	.602	.512	0.478	.548	.561	.559	.568	.577	.577	.587	.590	.564	.490	.456	.588	.600	.617
August.....		.606	.507	.483	.551	.560	.559	.568	.578	.580	.590	.591	.568	.486	.507	.588	.603	.616
September.....		.611	.499	.495	.560	.567	.560	.573	.580	.585	.594	.589	.562	.480	.536	.591	.601	
October.....		.611	.492	.500	.561	.563	.562	.573	.580	.588	.593	.585	.554	.474	.542	.593	.602	
November.....		.608	.490	.503	.560	.564	.560	.575	.581	.582	.592	.582	.541	.469	.546	.594	.605	
December.....		.601	.486	.505	.561	.563	.562	.572	.575	.580	.590	.579	.540	.467	.550	.594	.604	
Monthly average.....		² .606	.524	² .494	.541	.562	.561	.568	.576	.579	.590	.589	.564	.498	.491	.581	.600	

See footnotes on p. 19.

HOURS OF WORK AND WEEKLY AND HOURLY EARNINGS (25 INDUSTRIES) ¹—Continued

Month	1914	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936
Average hourly earnings, male, skilled and semiskilled (dollars)																		
January.....			0.660		0.574	0.641	0.642	0.640	0.649	0.650	0.665	0.667	0.650	0.596	0.528	0.610	0.656	0.673
February.....			.644		.553	.645	.642	.647	.654	.652	.667	.667	.645	.592	.524	.616	.659	.674
March.....			.633		.558	.643	.641	.650	.653	.657	.666	.667	.646	.584	.520	.619	.658	.676
April.....			.625		.606	.642	.645	.649	.656	.659	.670	.669	.646	.573	.521	.639	.659	.680
May.....			.609		.625	.640	.645	.652	.656	.657	.670	.664	.642	.569	.514	.646	.660	.684
June.....		0.684	.598		.628	.641	.643	.653	.659	.658	.668	.665	.638	.557	.512	.649	.661	.685
July.....	0.291	.683	.583	.546	.624	.639	.641	.653	.659	.655	.664	.663	.633	.552	.515	.650	.662	.684
August.....		.688	.581	.553	.627	.641	.641	.656	.656	.659	.670	.666	.637	.546	.566	.650	.665	.683
September.....		.693	.571	.568	.640	.653	.642	.656	.660	.665	.673	.664	.626	.542	.593	.653	.665	
October.....		.694	.562	.573	.644	.643	.650	.654	.660	.672	.674	.660	.622	.537	.598	.656	.665	
November.....		.691	.560	.576	.644	.647	.647	.656	.655	.665	.668	.654	.609	.532	.604	.658	.667	
December.....		.677	.556	.577	.642	.651	.650	.653	.656	.663	.666	.651	.608	.529	.608	.656	.667	
Monthly average.....		2.687	.599	2.666	.619	.644	.644	.652	.656	.659	.668	.663	.634	.559	.550	.642	.662	
Average Hourly Earnings, Male, Unskilled (dollars)																		
January.....			0.500		0.410	0.455	0.456	0.457	0.469	0.469	0.481	0.481	0.473	0.425	0.385	0.458	0.490	0.492
February.....			.485		.414	.455	.453	.460	.468	.471	.482	.484	.470	.424	.379	.460	.490	.489
March.....			.470		.417	.459	.456	.460	.472	.473	.484	.485	.472	.420	.374	.465	.493	.493
April.....			.461		.435	.464	.458	.460	.473	.472	.484	.483	.468	.414	.373	.481	.492	.496
May.....			.452		.452	.463	.458	.460	.473	.477	.487	.478	.466	.409	.368	.485	.493	.498
June.....		0.522	.444		.450	.458	.456	.460	.475	.477	.487	.476	.463	.398	.369	.480	.494	.496
July.....	0.203	.525	.425	0.390	.452	.459	.456	.464	.474	.474	.487	.479	.462	.393	.374	.484	.489	.498
August.....		.531	.417	.392	.453	.459	.457	.460	.471	.478	.489	.478	.465	.392	.412	.481	.493	.495
September.....		.536	.408	.400	.457	.459	.454	.463	.472	.478	.491	.475	.458	.387	.439	.480	.492	
October.....		.534	.400	.407	.458	.458	.453	.467	.475	.475	.490	.472	.453	.381	.444	.487	.496	
November.....		.529	.397	.409	.455	.457	.454	.464	.468	.471	.488	.470	.438	.378	.445	.490	.501	
December.....		.523	.388	.413	.463	.455	.455	.462	.467	.470	.480	.472	.436	.380	.450	.487	.500	
Monthly average.....		2.529	.437	2.402	.443	.458	.455	.461	.471	.474	.486	.478	.460	.400	.401	.478	.494	
Average Hourly Earnings, Female (dollars)																		
January.....			0.387		0.365	0.396	0.393	0.391	0.400	0.399	0.398	0.398	0.379	0.347	0.302	0.413	0.430	0.431
February.....			.379		.365	.395	.391	.391	.398	.396	.400	.399	.378	.345	.298	.417	.430	.430
March.....			.373		.368	.399	.394	.396	.398	.397	.399	.400	.381	.340	.295	.422	.433	.429
April.....			.369		.374	.398	.396	.398	.397	.398	.400	.399	.377	.335	.299	.425	.434	.430
May.....			.365		.390	.394	.396	.398	.396	.392	.401	.401	.374	.333	.298	.428	.435	.432
June.....		0.415	.361		.390	.388	.390	.398	.399	.394	.397	.398	.373	.326	.299	.429	.436	.429
July.....	0.155	.411	.352	0.346	.388	.389	.384	.399	.395	.393	.395	.395	.370	.323	.304	.429	.435	.428
August.....		.408	.353	.345	.390	.388	.383	.398	.397	.393	.396	.397	.372	.320	.266	.425	.437	.429
September.....		.413	.353	.352	.392	.394	.386	.403	.400	.396	.401	.395	.368	.312	.401	.427	.435	
October.....		.416	.353	.352	.394	.394	.387	.402	.401	.398	.399	.390	.365	.310	.402	.428	.435	
November.....		.415	.350	.356	.392	.393	.386	.400	.399	.393	.398	.385	.356	.307	.404	.428	.435	
December.....		.418	.347	.362	.391	.391	.387	.400	.398	.397	.397	.383	.353	.305	.407	.428	.433	
Monthly average.....		2.414	.362	2.352	.383	.393	.389	.398	.398	.396	.398	.395	.371	.325	.340	.425	.434	

¹ Computed by the *National Industrial Conference Board* and represent a revision of data that were published in the 1932 Annual Supplement to the Survey of Current Business, p. 68; in the October 1932 monthly issue, p. 20; in the December 1932 monthly issue, p. 18; and in the monthly issues subsequent to the above dates until the August 1936 issue wherein data in the old series were last shown. The revision in the series was caused by some companies going out of business, some discontinuing reporting their data and the inclusion of data of new companies, and in various revisions in procedure from time to time. The method in computing the data was much the same as formerly employed; it was described in the annual report of the National Industrial Conference Board, Inc., entitled "Wages, hours, and employment in the United States, 1914-36". For information in greater detail regarding the revision see Wages in the United States, 1914-36, issued by the Board.

² Average of months shown.

ANNALIST INDEX OF BUSINESS ACTIVITY¹

YEAR AND MONTH	Com- bined index	Auto- mobile pro- duction	Foot and shoe pro- duction	Car- load- ings, freight	Cement pro- duction	Cotton con- sump- tion	Elec- tric power pro- duction	Lead pro- duction	Lum- ber pro- duction	Pig iron pro- duction	Rayon con- sump- tion	Silk con- sump- tion	Steel ingot pro- duction	Wool con- sump- tion	Zinc pro- duction
Computed normal=100															
1923 monthly average	108.4	131.0	108.0	104.2	109.9	106.3	102.5	-----	126.1	128.3	108.1	94.5	118.6	109.5	115.8
1924 monthly average	90.5	107.4	95.8	99.4	106.7	89.0	98.7	-----	121.5	98.0	92.8	89.0	96.5	93.1	112.9
1925 monthly average	106.2	116.9	99.9	103.9	121.4	102.4	100.7	-----	129.6	113.9	103.5	114.2	114.0	87.2	121.8
1926 monthly average	108.4	108.4	99.7	106.4	119.3	103.9	103.3	-----	131.2	120.8	82.8	106.8	118.3	95.2	127.7
1927 monthly average	105.7	82.9	105.4	103.9	122.8	114.9	102.3	-----	127.5	110.4	115.9	110.5	120.2	98.4	119.2
1928 monthly average	107.4	110.0	105.5	105.6	122.0	103.4	102.1	-----	133.9	113.9	99.3	107.8	109.4	93.0	117.0
1929 monthly average	112.6	128.3	110.7	109.6	117.2	113.3	105.2	-----	140.9	128.7	113.9	110.6	127.1	102.0	116.4
1930 monthly average	96.4	82.0	93.3	97.9	107.8	88.7	99.7	116.7	102.7	95.0	89.3	98.5	89.2	81.4	90.9
1931 monthly average	82.5	56.9	97.0	83.0	81.2	93.7	95.0	82.0	64.8	55.2	105.9	98.0	55.9	99.3	52.5
1932															
January	73.4	43.7	86.9	74.1	64.6	85.5	90.5	73.2	41.2	36.4	82.4	106.6	39.4	79.2	43.2
February	71.4	33.5	95.8	71.7	50.0	87.4	88.5	68.4	37.3	36.4	76.3	87.3	37.5	80.7	43.4
March	69.8	27.4	102.6	69.1	47.2	89.4	87.6	70.3	41.7	32.2	76.2	88.6	31.8	67.3	42.7
April	66.8	32.7	94.3	68.9	43.8	89.3	86.3	55.9	44.0	28.7	61.3	72.6	30.2	44.7	41.3
May	64.3	43.0	90.9	63.2	46.2	68.2	84.6	59.0	44.0	26.1	48.9	71.0	28.0	38.9	37.1
June	63.9	47.3	91.2	63.5	51.0	70.5	83.6	62.6	40.7	22.8	48.2	79.6	24.4	49.4	35.7
July	62.9	31.6	88.4	60.9	51.0	70.5	84.7	45.2	38.6	20.8	68.0	80.2	23.4	75.9	32.0
August	64.4	24.6	96.6	61.5	46.3	92.5	82.9	52.2	36.4	19.3	110.4	110.4	22.2	101.5	28.9
September	63.5	25.4	107.6	66.7	51.3	109.5	84.3	52.6	35.9	22.9	120.0	113.2	27.3	115.1	28.8
October	69.8	17.5	106.7	72.0	52.3	102.7	85.5	54.5	39.3	24.2	117.9	103.0	29.2	100.1	31.5
November	69.2	28.2	100.3	71.0	46.9	100.4	85.3	55.8	34.6	24.8	112.6	85.5	29.2	96.0	33.3
December	68.8	52.8	88.8	71.9	41.5	93.7	84.7	49.8	37.0	21.2	121.2	85.8	25.5	98.0	36.7
Monthly average	67.8	34.0	95.8	67.9	49.3	86.6	85.7	58.3	39.2	26.3	86.9	90.3	26.6	78.9	36.2
1933															
January	67.5	47.2	93.5	71.9	36.9	92.0	82.4	53.7	40.7	21.2	97.7	80.4	26.1	89.7	35.4
February	66.1	31.2	101.3	68.7	36.7	89.2	82.7	48.6	34.0	21.5	77.4	63.2	27.4	84.2	39.7
March	62.5	26.4	94.6	64.2	36.0	90.5	80.1	53.9	35.2	18.0	57.2	70.8	18.4	58.2	39.9
April	69.2	40.0	104.6	70.8	34.8	93.4	84.1	58.6	38.8	21.0	118.7	92.8	32.7	73.5	42.5
May	77.3	47.0	128.2	75.0	40.2	125.2	87.4	56.6	47.1	29.8	157.0	101.8	47.3	124.5	42.2
June	87.5	62.7	135.2	81.5	49.2	156.5	93.0	67.0	59.5	46.3	145.6	117.8	68.4	138.8	51.2
July	94.0	66.8	133.0	86.6	56.2	154.3	96.9	51.8	71.7	69.3	138.1	95.6	91.7	143.6	66.4
August	87.5	63.6	116.0	80.1	47.5	135.4	94.7	53.2	64.9	69.9	104.2	80.3	74.9	121.7	70.1
September	82.0	59.3	98.7	77.5	34.4	109.0	92.8	75.4	61.0	59.0	100.1	58.8	62.1	109.6	70.9
October	78.5	49.9	101.2	76.8	31.5	101.0	89.3	77.6	60.1	48.6	104.9	56.3	54.2	109.4	71.1
November	75.3	28.5	95.4	77.2	33.9	93.7	88.2	86.1	60.5	40.2	103.8	67.4	41.3	105.7	65.7
December	77.5	39.7	93.0	83.0	34.8	76.5	89.5	82.8	68.4	45.5	94.9	58.8	53.7	90.2	60.5
Monthly average	77.1	46.9	107.9	76.1	39.3	109.7	88.4	63.8	53.5	40.9	108.3	78.7	49.9	104.1	54.6
1934															
January	79.6	56.7	105.3	86.0	46.2	99.3	88.6	75.1	62.3	46.2	97.8	69.5	48.8	83.3	62.3
February	83.2	70.6	117.5	87.4	55.8	99.8	91.9	74.6	70.4	49.7	102.9	76.6	55.7	82.7	61.7
March	84.6	79.6	119.3	89.1	51.4	100.6	92.2	72.4	69.9	55.2	89.3	80.4	60.1	82.2	62.3
April	85.9	78.1	131.2	85.8	54.4	101.6	94.3	67.2	69.7	59.1	81.2	83.0	70.8	72.3	59.4
May	86.4	69.9	130.9	85.0	52.6	103.1	93.2	78.9	63.2	68.6	80.3	83.5	78.7	64.4	59.5
June	83.8	70.9	108.2	85.7	52.8	76.8	93.3	72.4	56.9	70.2	91.3	72.0	78.7	55.8	52.3
July	78.0	68.3	108.9	80.2	49.6	86.9	93.9	70.3	54.0	44.3	90.8	68.2	41.4	52.7	51.0
August	75.1	62.4	108.3	77.0	43.8	92.4	91.1	58.1	64.5	38.0	70.5	67.2	34.7	52.4	52.5
September	71.4	53.1	92.5	75.7	46.8	65.7	88.9	68.7	61.0	34.0	66.0	64.1	34.7	32.8	53.7
October	74.6	51.4	89.0	74.7	40.8	103.5	88.7	66.1	58.1	34.8	93.1	89.4	36.6	64.6	66.2
November	76.0	46.4	99.2	76.8	42.3	96.6	89.1	68.3	54.8	36.4	100.2	72.2	43.4	93.9	68.0
December	82.4	80.9	110.7	82.4	43.9	94.6	92.9	74.7	55.2	40.8	132.6	88.8	58.0	100.7	67.3
Monthly average	80.1	65.7	110.1	82.2	48.4	93.4	91.5	70.6	61.7	48.1	91.3	76.2	53.5	69.8	59.7
1935															
January	87.2	103.2	126.5	87.1	37.9	108.9	93.0	57.1	56.3	57.3	131.1	80.2	70.0	126.8	64.4
February	86.7	99.6	119.1	88.3	39.8	101.3	93.1	59.7	63.9	63.7	100.0	81.8	69.2	101.0	65.9
March	84.4	101.1	118.9	86.7	43.1	92.6	92.0	67.0	60.0	59.7	72.0	84.4	62.2	102.7	64.6
April	82.8	93.6	119.6	82.7	47.6	88.8	91.7	67.8	61.6	56.0	71.3	82.6	58.8	129.7	67.2
May	81.8	77.1	113.9	79.3	49.4	92.1	91.7	74.2	45.8	56.6	108.9	80.8	58.6	154.4	65.0
June	82.0	82.4	103.2	80.2	52.1	84.2	93.8	72.0	52.5	54.8	106.2	75.2	57.9	125.3	70.5
July	82.7	82.1	115.1	76.3	45.9	90.0	94.7	75.9	64.1	55.2	109.6	78.2	58.3	140.0	72.1
August	84.9	65.5	110.6	78.1	40.4	88.0	96.2	74.1	73.9	63.8	117.7	79.5	72.9	139.7	70.6
September	86.1	45.6	114.2	80.4	43.0	98.6	95.2	75.2	80.8	68.3	116.4	91.5	76.9	125.9	72.1
October	89.1	77.6	115.2	84.8	45.7	108.7	94.9	79.2	77.8	73.6	112.3	92.4	76.9	151.9	68.7
November	92.0	118.1	119.8	87.3	51.8	103.0	96.9	79.3	76.0	80.0	112.3	76.2	80.9	141.2	70.8
December	96.7	120.8	148.5	93.7	55.4	115.8	97.9	84.2	78.6	84.5	119.9	78.5	86.6	133.0	74.3
Monthly average	86.4	88.9	118.7	83.7	46.0	97.7	94.3	72.1	65.9	64.4	106.5	81.8	69.1	131.0	68.9
1936															
January	92.2	103.0	135.6	90.9	42.3	114.4	97.6	70.7	82.0	76.3	105.6	65.8	69.5	124.0	76.0
February	88.9	89.8	116.5	89.2	42.7	104.9	97.4	71.6	73.8	67.5	109.4	59.8	67.0	117.3	68.1
March	89.4	109.9	117.5	87.4	52.8	107.6	96.2	71.5	77.6	68.0	96.3	65.8	70.2	107.2	74.1
April	94.1	117.6	112.3	91.0	63.3	112.4	98.3	79.7	75.3	80.8	105.3	70.2	85.6	86.2	81.7
May	95.7	112.6	113.2	93.1	66.2	105.4	100.0	82.6	82.8	85.7	104.5	68.6	91.3	89.3	84.3
June	97.6	112.5	105.7	92.3	62.6	118.8	99.7	84.7	82.7	91.3	129.8	70.3	97.0	108.4	88.0
July	102.0	118.9	126.3	95.1	64.2	141.5	101.3	87.3	84.6	95.5	145.4	77.2	100.3	112.9	89.8
August	101.2	107.3	113.4	93.0	71.8	133.3	102.6	71.3	86.6	100.0	126.7	83.2	108.9	-----	83.4

¹ Compiled by the *Annalist* (published by the New York Times Co.) and represents a revision of data on this subject shown in previous issues of the Survey of Current Business. The revision consisted of the recalculation of trend lines, the determination of new weights, the addition of series on lead production and rayon deliveries, and a breakdown of total freight-car loadings into miscellaneous loadings and "all other" loadings. A more detailed description of the index will appear in the 1936 Supplement to the Survey of Current Business now in press. A complete description appeared in the *Annalist* dated June 26, 1936. Therein, monthly figures back to the beginning of 1923 are given.

WEEKLY BUSINESS INDICATORS*

[Weekly average, 1923-25=100]

ITEM	1936					1935					1934				
	Sept. 26	Sept. 19	Sept. 12	Sept. 5	Aug. 29	Sept. 28	Sept. 21	Sept. 14	Sept. 7	Aug. 31	Sept. 24	Sept. 17	Sept. 10	Sept. 3	Aug. 27
Business activity:															
New York Times*.....	102.7	102.2	101.7	101.9	102.8	85.7	87.7	76.8	75.5						
Business week*.....	76.8	76.7	76.0	77.1	77.7	64.5	67.1	57.4	57.7						
Commodity prices, wholesale:															
Dept. of Labor, 1926=100:															
Combined index (784).....	81.0	81.4	81.5	80.9	81.2	81.0	81.0	77.2	77.5						
Farm products (67).....	83.1	84.8	84.6	82.1	83.3	80.9	81.3	72.8	73.6						
Food (122).....	82.5	83.1	83.5	82.2	82.5	86.6	86.2	76.0	76.7						
All other (595).....	79.7	79.6	79.6	79.6	79.7	78.2	78.2	78.4	78.4						
Fisher's index, 1926=100:															
Combined index (120).....	84.0	84.1	84.2	83.7	83.8	85.5	85.2	80.1	80.2						
Copper, electrolytic.....	68.8	68.8	68.8	68.8	68.8	63.8	60.9	63.8	63.8						
Cotton, middling, spot.....	45.2	45.6	46.3	44.1	43.4	39.7	40.4	46.3	47.8						
Construction contracts†.....		68.7	61.9		80.6	41.9	65.5	25.8	29.7						
Distribution: Carloadings.....	84.2	82.3	73.0	79.8	78.6	65.7	73.7	67.4	67.2						
Employment: Detroit, factory.....			75.7		78.0	82.7		64.2							
Finance:															
Failures, commercial.....	32.9	31.9	27.0	40.0	33.9	48.9	44.0	49.9	44.7						
Security prices:															
Bond prices†.....	117.2	116.9	116.8	116.5	116.0	107.7	107.7	102.7	101.6						
Stock prices†.....	137.0	135.9	137.8	135.6	134.2	108.7	109.5	83.0	80.0						
Finance—Continued.															
Banking:															
Debits, outside N. Y. C.†.....	87.6	99.1	81.4	87.3	77.1	75.8	85.5	66.0	71.9						
Federal Reserve reporting member banks:†															
Loans, total.....	69.2	69.3	69.0	67.6	67.4	63.9	63.5	66.1	66.2						
Interest rates:															
Call loans†.....	24.2	24.2	24.2	24.2	24.2	6.1	6.1	24.2	24.2						
Time loans†.....	28.6	28.6	28.6	28.6	28.6	5.7	5.7	22.9	22.9						
Money in circulation.....	128.6	129.0	129.1	128.7	127.7	116.3	116.3	111.8	111.8						
Production:															
Automobiles.....	20.7	44.0	35.2	41.5	70.7	21.0	16.5	55.4	56.9						
Bituminous coal†.....	85.0	83.3	91.8	80.4	78.3	16.6	75.6	71.9	68.5						
Cotton, consumption.....		121.7	121.7	117.1	121.7	92.8	92.8	73.5	54.7						
Electric power†.....	129.5	130.3	121.8	126.0	128.2	111.5	111.2	99.0	97.9						
Lumber.....	56.5	55.3	49.1	51.7	56.6	54.2	52.7	35.6	35.8						
Petroleum.....	145.5	145.8	145.0	144.5	145.6	132.6	133.2	115.3	117.5						
Steel ingots.....	98.7	97.4	98.4	90.8	96.1	68.4	67.1	32.9	30.3						
Receipts, primary markets:															
Cattle and calves.....	104.2	107.3	103.3	103.4	101.5	98.9	113.5	152.1	172.6						
Hogs.....	43.4	41.1	35.9	40.7	36.9	27.1	24.6	59.2	50.4						
Cotton.....	234.6	236.2	187.3	133.8	70.0	263.5	203.1	169.6	150.4						
Wheat.....	32.3	27.9	26.8	32.5	48.8	112.1	153.4	46.0	61.5						

* Data do not cover calendar weeks in all cases.

*Computed normal=100.

† Daily average.

† Weekly average, 1928-30=100.

WEEKLY BUSINESS STATISTICS*

ITEM	1936						1935		1934		1933	
	Septem-ber 26	Septem-ber 19	Septem-ber 12	Septem-ber 5	August 29	August 22	Septem-ber 28	Septem-ber 21	Septem-ber 14	Septem-ber 7	Septem-ber 30	Septem-ber 23
COMMODITY PRICES, WHOLESALE												
Copper, electrolytic, New York.....dol. per lb.	0.095	0.095	0.095	0.095	0.095	0.095	0.088	0.084	0.088	0.088	0.088	0.088
Cotton, middling, spot, New York.....dol. per lb.	.123	.124	.126	.120	.118	.120	.108	.110	.126	.130	.109	.099
Food Index (<i>Bradstreet's</i>).....dol. per lb.	2.78	2.82	2.84	2.81	2.82	2.85	2.77	2.77	2.43	2.41	1.92	1.92
Iron and steel, composite.....dol. per ton	34.19	34.22	34.10	34.10	34.03	33.94	32.84	32.83	32.13	32.13	30.65	30.65
Wheat, No. 2, hard winter (K. C.).....dol. per bu.	1.26	1.22	1.23	1.19	1.20	1.26	1.18	1.17	1.06	1.07	.88	.88
FINANCE												
Banking:												
Debits, New York City.....mills. of dol.	2,997	4,468	2,905	4,056	3,158	3,067	3,105	3,907	2,517	3,092	2,914	2,914
Debits, outside New York City.....mills. of dol.	4,062	4,594	3,133	4,052	3,577	4,119	3,518	3,966	3,057	3,333	2,850	2,850
Federal Reserve banks:												
Reserve bank credit, total.....mills. of dol.	2,473	2,495	2,482	2,463	2,465	2,457	2,474	2,472	2,463	2,466	2,421	2,421
Bills bought.....mills. of dol.	3	3	3	3	3	3	5	5	6	5	7	7
Bills discounted.....mills. of dol.	7	8	8	9	7	6	10	10	20	22	133	133
U. S. Government securities.....mills. of dol.	2,430	2,430	2,430	2,430	2,430	2,430	2,430	2,430	2,430	2,431	2,274	2,274
Member bank reserve balances.....mills. of dol.	6,225	6,206	6,471	6,441	6,332	6,229	5,236	5,136	3,970	3,889	2,596	2,596
Excess reserves, estimated.....mills. of dol.	1,743	1,707	1,997	1,958	1,892	1,813	2,592	2,527	1,768	1,692	774	774
Federal Reserve reporting member banks:												
Deposits, net demand, adjusted.....mills. of dol.	14,999	14,910	14,918	14,867	14,911	14,794	13,438	13,237	11,043	10,862	10,974	10,974
Deposits, time.....mills. of dol.	5,018	5,031	5,036	5,032	5,028	5,014	4,870	4,866	4,875	4,876	4,930	4,930
Investments, total.....mills. of dol.	13,962	13,955	13,806	13,809	13,839	13,887	12,471	12,473	10,733	10,690	8,382	8,382
U. S. Government direct obligations.....mills. of dol.	9,377	9,376	9,250	9,263	9,274	9,332	8,227	8,249	7,103	7,159	5,328	5,328
Obligations fully guaranteed by U. S. Government.....mills. of dol.	1,252	1,247	1,237	1,236	1,233	1,232	1,093	1,100	599	598	-----	-----
Loans, total.....mills. of dol.	8,648	8,659	8,627	8,454	8,425	8,369	7,985	7,937	8,265	8,271	9,066	9,066
On securities.....mills. of dol.	3,213	3,241	3,280	3,177	3,174	3,132	3,060	3,064	3,189	3,207	3,887	3,887
All other.....mills. of dol.	5,435	5,418	5,347	5,277	5,251	5,237	4,925	4,873	5,076	5,064	5,179	5,179
Interest rates, call loans.....percent.	1.00	1.00	1.00	1.00	1.00	1.00	.25	.25	1.00	1.00	.75	.75
Interest rates, time loans.....percent.	1.25	1.25	1.25	1.25	1.25	1.25	.25	.25	1.00	1.00	.75	.75
Exchange rates:												
French franc (daily av.).....cents.	6.583	6.583	6.583	6.583	6.584	6.584	6.591	6.588	6.655	6.675	5.957	5.957
Pound sterling (daily av.).....dollars.	5.04	5.06	5.06	5.03	5.03	5.03	4.92	4.93	4.97	5.00	4.75	4.75
Failures, commercial.....number.	134	130	110	163	138	135	199	179	203	182	251	251
Money in circulation.....mills. of dol.	6,245	6,264	6,271	6,248	6,200	6,196	5,645	5,646	5,429	5,430	5,022	5,022
Security markets:												
Bond sales (N. Y. S. E.).....thous. of dol. par value.	84,190	59,440	64,110	63,250	47,620	42,590	47,050	71,839	58,320	72,440	52,200	52,200
Bond prices, 40 corporate issues.....dollars.	104.96	104.64	104.58	104.35	103.91	103.74	96.41	96.44	92.00	90.94	84.16	84.16
Stock sales (N. Y. S. E.).....thous. of shares.	8,407	6,116	6,732	6,582	5,843	5,504	5,844	9,579	3,687	3,223	9,159	9,159
Stock prices (N. Y. Times).....dol. per share.	113.02	132.01	133.84	131.70	130.29	130.08	105.57	106.36	80.57	77.70	82.49	82.49
Stock prices (Standard Statistics) (419).....1926=100.	115.1	112.7	115.2	113.6	111.0	113.2	84.5	85.9	67.9	65.6	68.7	68.7
Industrial (347).....1926=100.	131.7	128.7	131.1	129.2	126.4	128.7	97.1	98.7	76.7	74.3	74.5	74.5
Public utilities (40).....1926=100.	106.8	105.9	109.5	108.6	106.3	108.6	80.9	81.9	64.9	62.1	73.9	73.9
Railroads (32).....1926=100.	55.9	54.5	55.9	52.6	52.6	54.3	36.1	37.6	35.7	34.0	41.3	41.3
PRODUCTION, CONSTRUCTION, AND DISTRIBUTION												
Production:												
Automobiles (<i>Cram's</i> estimate).....number.	15,764	33,600	26,850	31,628	53,937	75,082	15,994	12,600	42,294	43,429	43,900	43,900
Bituminous coal (daily av.).....thous. of short tons.	1,447	1,419	1,563	1,369	1,333	1,272	283	1,288	1,224	1,167	1,154	1,154
Electric power.....mills. of kw.-hr.	2,157	2,171	2,029	2,099	2,136	2,126	1,857	1,852	1,649	1,631	1,653	1,653
Petroleum.....thous. of bbl.	3,030	3,037	3,021	3,009	3,032	3,070	2,763	2,775	2,402	2,448	2,447	2,447
Steel ingots (<i>Dow-Jones</i> , est.).....pct. of capacity.	75	74	71	69	73	73	52	51	25	23	38	38
Construction—contract awards (da. av.).....thous. of dol.	11,025	9,940	-----	12,941	11,601	6,730	10,524	4,140	4,773	5,101	-----	-----
Distribution:												
Freight-car loadings, total.....cars.	807,070	789,510	699,859	764,680	753,742	734,973	629,935	706,820	646,084	644,498	669,186	669,186

Monthly Business Statistics

The following summary shows the trend of industrial, commercial, and financial statistics for the past 13 months. Statistics through December 1931 for all series **except those marked with an asterisk (*)** will be found in the 1932 Annual Supplement to the Survey of Current Business, together with an explanation of the sources and basis of the figures quoted. Series so marked represent additions since the Annual was issued and similar information, if published, will be found in the places noted at the bottom of each page. Note, however, that many revisions have occurred since the last Annual Supplement was published. **A special supplement was included in the April 1935 issue, pages 57 to 72, inclusive. This supplement gave the monthly averages of all current series for the years 1932, 1933, and 1934.**

The terms "unadjusted" and "adjusted" used to designate index numbers refer to the adjustment for seasonal variation.

Data subsequent to August will be found in the Weekly Supplement to the Survey.

Monthly statistics through December 1931, together with explanatory footnotes and references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	September	October	November	December	January	February	March	April	May	June	July

BUSINESS INDEXES

BUSINESS ACTIVITY (Annalist)†													
Combined index.....normal=100..	102.2	84.9	86.1	89.1	92.0	96.7	*92.2	88.9	89.4	*94.1	95.8	*97.6	*102.1
Automobile production.....normal=100..	107.3	65.5	45.6	77.6	118.1	120.8	103.0	89.8	109.9	117.6	112.6	112.5	*118.9
Boot and shoe production.....normal=100..	126.2	110.6	114.2	115.2	119.8	148.5	135.6	116.5	117.5	112.3	113.2	105.7	*127.5
Carloadings, freight.....normal=100..	93.0	78.1	80.4	84.8	87.3	93.7	90.9	89.2	87.4	91.0	93.1	92.3	95.1
Cement production.....normal=100..	71.8	40.4	43.0	45.7	51.8	55.4	42.3	42.7	52.8	63.3	66.2	62.6	64.2
Cotton consumption.....normal=100..	133.3	88.0	98.6	108.7	103.0	115.8	114.4	104.9	107.6	112.4	105.4	118.8	141.5
Electric power production.....normal=100..	104.2	96.2	95.2	94.9	96.9	97.9	97.6	97.4	96.2	98.3	100.0	*99.7	*101.6
Lead production.....normal=100..	71.3	74.1	75.2	79.2	79.3	84.2	70.7	71.6	71.5	79.7	82.6	84.7	87.3
Lumber production.....normal=100..	86.6	73.9	80.8	77.8	76.0	78.6	82.0	73.8	77.6	75.3	*82.8	82.7	84.6
Pig-iron production.....normal=100..	100.0	63.8	68.3	73.6	80.0	84.5	76.3	67.5	68.0	80.8	85.7	91.3	95.5
Rayon consumption.....normal=100..	126.7	117.7	116.4	112.3	112.3	119.9	105.6	109.4	96.3	105.3	104.5	129.8	145.4
Silk consumption.....normal=100..	83.2	79.5	91.5	92.4	76.2	78.5	65.8	59.8	65.8	70.2	68.6	70.3	77.2
Steel-ingot production.....normal=100..	108.9	72.9	76.9	76.9	80.9	86.6	69.5	67.0	70.2	95.6	91.3	97.0	100.3
Wool consumption.....normal=100..	112.1	139.7	125.9	151.9	141.2	133.0	124.0	117.3	107.2	86.2	89.3	108.4	112.9
Zinc production.....normal=100..	83.4	70.6	72.1	68.7	70.8	74.3	76.0	68.1	74.1	81.7	84.3	88.0	89.8
INDUSTRIAL PRODUCTION (F.R.B.)													
Total, unadjusted.....1923-25=100..	*105	87	90	97	97	96	95	95	96	103	105	104	104
Manufactures, unadjusted.....1923-25=100..	*106	87	89	96	98	95	95	93	97	105	105	105	105
Automobiles.....1923-25=100..	82	69	28	77	124	125	108	93	124	149	142	134	128
Cement.....1923-25=100..	99	57	59	59	58	46	29	29	42	70	87	92	91
Food products.....1923-25=100..	87	74	81	86	86	82	92	82	86	85	82	87	90
Glass, plate.....1923-25=100..	226	169	181	193	192	202	201	174	194	235	231	196	198
Iron and steel.....1923-25=100..	118	79	83	85	89	90	83	87	94	111	114	113	111
Leather and shoes.....1923-25=100..	*126	116	120	115	104	106	109	113	110	108	103	97	*111
Lumber.....1923-25=100..													
Paper and printing.....1923-25=100..													
Petroleum refining.....1923-25=100..		169	173	176	176	174	170	172	168	178	179	181	182
Rubber tires and tubes.....1923-25=100..		91	97	91	99	99	107	89	85	113	121	130	
Shipbuilding.....1923-25=100..		51	64	35	105	138	92	100	107	116	118	97	76
Textiles.....1923-25=100..	113	99	106	116	111	105	110	108	102	103	100	101	*107
Tobacco manufactures.....1923-25=100..	158	139	143	148	140	119	141	135	132	140	147	161	167
Minerals, unadjusted.....1923-25=100..	*103	85	92	100	95	96	99	106	89	94	100	100	*101
Anthracite.....1923-25=100..	47	36	65	62	50	69	75	99	40	65	69	57	*53
Bituminous coal.....1923-25=100..	74	67	61	82	80	83	88	98	70	71	66	66	72
Iron-ore shipments.....1923-25=100..	177	109	119	105	37						120	157	164
Lead.....1923-25=100..	58	57	56	70	70	70	63	64	60	69	73	70	68
Petroleum, crude.....1923-25=100..	*151	136	139	141	143	142	142	140	145	150	150	149	*147
Silver.....1923-25=100..		59	68	74	73	68	81	100	99	97	88	101	85
Zinc.....1923-25=100..	93	75	79	78	82	86	89	82	90	95	95	99	97
Total, adjusted.....1923-25=100..	*107	87	90	95	97	104	98	94	93	100	101	103	*107
Manufactures, adjusted.....1923-25=100..	*108	88	91	95	98	104	97	91	93	99	100	104	*108
Automobiles.....1923-25=100..	96	77	69	93	114	125	110	90	109	124	118	118	123
Cement.....1923-25=100..	77	44	47	52	59	59	47	49	58	71	74	74	74
Food products.....1923-25=100..	91	76	78	83	82	83	92	84	87	90	84	88	92
Glass, plate.....1923-25=100..	223	167	179	193	200	209	225	161	178	211	212	192	200
Iron and steel.....1923-25=100..	121	81	83	88	96	103	86	83	83	100	105	113	119
Leather and shoes.....1923-25=100..	*113	105	104	105	109	124	118	111	107	110	112	101	*113
Lumber.....1923-25=100..													
Paper and printing.....1923-25=100..													
Petroleum refining.....1923-25=100..		169	172	176	176	173	169	172	168	178	180	181	183
Rubber tires and tubes.....1923-25=100..		92	102	104	133	142	116	82	77	96	95	107	
Shipbuilding.....1923-25=100..		35	64	48	119	179	129	141	138	120	94	77	52
Textiles.....1923-25=100..	120	104	106	113	106	111	105	102	100	100	100	107	115
Tobacco manufactures.....1923-25=100..	147	130	129	138	137	147	148	148	140	152	145	147	154
Minerals, adjusted.....1923-25=100..	*98	81	87	93	92	101	103	110	95	105	101	99	*101
Anthracite.....1923-25=100..	*47	36	65	48	48	71	70	93	48	63	69	66	*65
Bituminous coal.....1923-25=100..	*76	58	58	75	71	78	80	92	70	84	76	74	80
Iron-ore shipments.....1923-25=100..	87	54	62	62	44						80	80	81
Lead.....1923-25=100..	60	60	59	68	67	70	63	62	59	70	75	69	71
Petroleum, crude.....1923-25=100..	*148	133	135	140	144	146	148	143	146	150	149	146	*144
Silver.....1923-25=100..		59	71	75	68	68	80	93	90	96	91	103	101
Zinc.....1923-25=100..	100	81	84	80	82	84	84	77	85	91	94	103	104

* Revised.

† Preliminary.

† Revised series, refer to the indicated pages of the monthly issues for revisions. The Annalist indexes of business activity have been revised for the period 1923-36. For revisions see p. 20 of this issue. Federal Reserve Board indexes, leather and shoe production, January 1919-October 1933, January 1934, p. 19; automobile and steel production for 1933, September 1934, p. 22; leather and shoe production, 1935, p. 22, April 1936.

Monthly statistics through December 1931, together with explanatory footnotes and references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey

1936	1935					1936						
August	August	Septem-ber	October	Novem-ber	Decem-ber	Janu-ary	Febru-ary	March	April	May	June	July

BUSINESS INDEXES—Continued

MARKETINGS													
Agricultural products * (quantity)													
Animal products.....1923-25=100..	80	78	106	124	98	78	68	57	67	65	68	74	89
Dairy products.....1923-25=100..	81	75	76	82	77	76	74	61	77	80	84	94	90
Livestock.....1923-25=100..	94	109	100	89	72	74	85	85	95	98	114	142	113
Poultry and eggs.....1923-25=100..	75	65	72	84	69	68	57	65	64	64	60	66	70
Wool.....1923-25=100..	80	63	65	69	106	106	70	59	108	120	125	114	89
Crops.....1923-25=100..	152	256	146	89	83	40	48	35	37	46	104	380	485
Cotton.....1923-25=100..	78	80	136	167	119	70	61	53	56	50	51	53	88
Fruits.....1923-25=100..	71	63	200	280	202	119	72	57	41	35	31	25	16
Grains.....1923-25=100..	78	85	85	126	66	65	58	65	72	70	82	64	87
Vegetables.....1923-25=100..	93	109	107	85	66	49	46	34	51	43	48	93	172
Agricultural products, cash income received from marketings of:†	57	45	73	103	71	59	74	85	98	84	94	99	66
Crops and livestock:													
Unadjusted.....1924-29=100..	75.5	* 67.0	* 76.5	* 95.0	* 79.0	* 72.5	* 65.0	* 53.0	59.5	* 58.5	* 64.0	69.5	84.0
Adjusted.....1924-29=100..	74.5	* 64.5	* 66.0	* 69.0	* 69.5	* 67.0	* 68.5	* 63.0	* 67.5	69.5	72.5	80.0	* 88.0
Crops, adjusted.....1924-29=100..	61.5	* 55.0	* 56.0	58.5	* 58.5	* 54.0	* 48.5	* 48.5	* 55.5	* 56.5	* 67.0	* 77.0	* 89.5
Livestock and products, adjusted													
Dairy products, adjusted.....1924-29=100..	88.0	* 74.5	* 76.5	* 80.5	* 81.0	* 81.0	* 84.5	* 78.0	* 80.0	* 83.0	* 78.5	* 83.0	* 86.0
Meat animals, adjusted.....1924-29=100..	87.0	* 73.5	* 76.0	* 76.0	* 79.0	* 84.5	* 87.5	* 85.0	* 84.5	* 88.5	* 79.0	* 81.5	* 81.5
Poultry and eggs, adjusted.....1924-29=100..	90.5	* 76.0	* 74.0	* 83.0	* 78.5	* 79.5	* 88.5	* 79.0	* 79.5	* 87.0	* 77.0	* 84.0	* 88.5
	89.0	* 71.0	* 81.5	* 83.0	* 95.0	* 84.0	* 70.0	* 63.5	* 79.5	* 75.0	* 80.5	* 86.5	* 86.5
STOCKS													
Domestic stocks.....1923-25=100..	108	115	127	136	136	133	127	122	115	109	106	103	* 104
Manufactured goods.....1923-25=100..	101	106	106	104	101	103	104	105	104	102	102	104	* 100
Chemicals and allied prod.....1923-25=100..	115	114	120	117	118	121	124	132	133	128	125	77	* 118
Food products.....1923-25=100..	85	89	87	77	63	60	70	65	62	62	60	77	* 82
Forest products.....1923-25=100..	114	113	114	114	115	117	114	112	109	108	107	119	118
Iron and steel products.....1923-25=100..	119	105	107	108	109	109	110	122	115	110	116	80	80
Leather.....1923-25=100..	79	78	79	79	81	79	83	81	80	82	81	125	130
Metals, nonferrous.....1923-25=100..	127	155	148	136	124	122	119	115	119	121	122	80	* 76
Paper, newsprint.....1923-25=100..	82	70	63	55	47	39	54	61	70	65	61	112	114
Rubber products.....1923-25=100..	114	112	114	114	115	115	115	113	115	115	115	143	141
Stone, clay, and glass.....1923-25=100..	144	165	162	154	161	170	166	167	156	152	150	102	* 92
Textiles.....1923-25=100..	95	103	99	101	103	105	104	104	100	100	102	102	* 106
Raw materials.....1923-25=100..	113	121	141	160	161	154	144	134	123	115	108	71	69
Chemicals and allied prod.....1923-25=100..	75	79	98	115	111	107	98	88	81	76	73	94	* 120
Foodstuffs.....1923-25=100..	128	120	136	144	141	127	112	103	96	93	95	84	83
Metals.....1923-25=100..	93	92	96	88	86	86	86	84	84	72	73	84	83
Textile materials.....1923-25=100..	126	167	186	225	233	233	225	213	194	177	156	137	119
World stocks—foodstuffs and raw materials:													
Total.....1923-25=100..	196	209	212	213	215	213	212	207	206	205	200	193	190
Coffee—adj. for seasonal.....1923-25=100..	400	367	370	378	399	419	394	400	413	403	387	404	420
Cotton—adj. for seasonal.....1923-25=100..	165	147	159	169	169	170	165	154	161	170	160	160	156
Rubber—adj. for seasonal.....1923-25=100..	277	394	370	355	328	322	319	319	306	300	281	285	290
Silk—adj. for seasonal.....1923-25=100..	155	179	194	176	166	163	185	197	187	173	173	181	156
Sugar—adj. for seasonal.....1923-25=100..	246	226	228	259	248	256	263	284	268	256	235	209	209
Tea—adj. for seasonal.....1923-25=100..	125	139	136	133	128	128	124	123	133	139	138	126	126
Tin—unadjusted.....1923-25=100..	73	64	67	64	72	66	64	75	77	64	77	68	66
Wheat—adj. for seasonal.....1923-25=100..	174	188	188	188	176	186	172	152	137	134	124	116	139

COMMODITY PRICES

COST OF LIVING (N. I. C. B.) †													
Total, all groups.....1923=100..	85.6	* 82.4	* 82.7	* 83.0	* 83.4	* 83.9	* 83.9	* 83.5	* 83.2	* 83.4	* 83.8	85.1	85.2
Clothing.....1923=100..	73.2	74.2	74.3	74.4	74.5	74.6	74.5	74.1	74.0	73.8	73.6	73.3	73.0
Food.....1923=100..	85.8	* 81.3	* 81.7	* 81.9	* 82.7	* 83.8	* 83.5	* 82.3	* 81.0	* 81.0	* 81.7	85.6	85.8
Fuel and light.....1923=100..	85.0	* 84.1	* 84.8	* 86.3	* 86.7	* 86.8	* 86.9	* 87.1	* 87.1	* 86.7	* 84.7	84.5	84.7
Housing.....1923=100..	79.3	71.5	72.1	72.7	73.0	73.4	73.9	74.1	74.7	75.9	77.1	77.6	78.1
Sundries.....1923=100..	94.5	* 93.8	* 93.8	* 94.1	* 94.2	* 94.2	* 94.3	* 94.4	* 94.4	* 94.4	* 94.4	94.3	94.4
FARM PRICES (Dept. of Agri.) ‡													
Total, all groups.....1909-14=100..	124	106	107	109	108	110	109	109	104	105	103	107	115
Chickens and eggs.....1909-14=100..	112	111	126	132	140	135	117	121	99	97	101	103	106
Cotton and cottonseed.....1909-14=100..	103	97	90	94	99	98	95	94	93	96	96	96	105
Dairy products.....1909-14=100..	125	98	102	104	111	118	120	123	118	114	106	106	116
Fruits.....1909-14=100..	108	87	82	82	83	92	89	92	94	89	103	115	117
Grains.....1909-14=100..	129	96	97	101	90	89	92	92	92	89	88	87	109
Meat animals.....1909-14=100..	123	129	131	125	117	120	122	125	122	125	118	120	119
Truck crops.....1909-14=100..	134	92	101	120	136	136	118	117	77	107	105	99	115
Miscellaneous.....1909-14=100..	152	102	96	103	103	108	112	94	91	94	97	120	131
RETAIL PRICES													
Department of Labor indexes:													
Coal.....1913=100..	153			162			158			164			157
Food.....1923-25=100..	84.0	79.6	80.1	80.5	81.5	82.0	81.7	80.6	79.5	79.7	79.9	83.8	84.0
Fairchild's index.....Dec. 1930=100..	88.5	85.7	86.6	87.6	88.0	88.2	88.3	88.3	88.1	88.1	88.1	87.9	88.1
Apparel:													
Infants' wear.....Dec. 1930=100..	94.4	93.4	93.4	92.6	92.7	92.7	92.7	92.7	92.9	92.8	92.8	92.6	92.6
Men's.....Dec. 1930=100..	87.6	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.4	87.5	87.4	87.5
Women's.....Dec. 1930=100..	90.4	88.4	88.8	89.1	89.4	89.4	89.5	89.5	89.5	89.6	89.9	90.2	90.4
Home furnishings.....Dec. 1930=100..	89.4	87.8	88.5	89.0	89.1	89.2	89.2	89.3	89.2	89.2	89.3	89.2	89.4
Piece goods.....Dec. 1930=100..	85.2	84.8	84.9	84.8	84.9	84.7	84.7	84.6	84.5	84.5	84.6	84.9	85.0

* Revised.

† New series. See pp. 16-19 of the May 1934 issue, cash income from marketings of agricultural products, p. 19 of the December 1932 issue, Fairchild's price index, and pp. 19 and 20 of the March 1933 issue, quantity marketings.

‡ Data for Sept. 15, 1936: Total 124, chickens and eggs 119, cotton and cottonseed 106, dairy products 128, fruits 105, grains 130, meat animals 123, truck crops 153, miscellaneous 141.

† Index of farm prices has been completely revised. For earlier data see p. 20 of the November 1934 issue. World stocks—revised total, rubber adjusted and sugar adjusted indexes for January 1927-June 1932, appeared on p. 20 of the September 1932 issue. Cash income from marketings of agricultural products revised from January 1933-June 1935. For revisions see p. 19 of the September 1935 issue. World stocks—total revised for period 1920-35 see p. 20 of the May 1936 issue. Data revised for Agricultural products, cash income received for January 1934-July 1935. Cost of living for 1914-36. Revisions not shown above will appear in a subsequent issue.

• Monthly retail prices of coal were discontinued with the month of August 1935. Subsequent to that date the price is reported quarterly.

† This series has been completely revised. Revised indexes for months not shown in the December 1935 issue will appear in subsequent issue. Index computed every 2 weeks; monthly index is figure taken nearest the middle of the month; prior to Aug. 15, 1933, index computed once a month.

▲ See footnote on p. 24 marked, "d".

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
COMMODITY PRICES—Continued													
WHOLESALE PRICES													
Department of Labor index:													
Combined index (784).....1926=100..	81.6	80.5	80.7	80.5	80.6	80.9	80.6	80.6	79.6	79.7	78.6	79.2	80.5
Economic classes:													
Finished products.....1926=100..	82.4	83.0	83.1	82.7	82.7	83.1	82.4	82.2	81.3	81.6	80.5	80.7	81.6
Raw materials.....1926=100..	81.5	77.1	77.3	77.1	77.2	77.7	78.1	79.1	77.4	77.0	75.8	77.6	79.8
Semimanufactures.....1926=100..	75.6	73.2	74.4	76.3	76.2	75.2	74.8	74.6	74.4	74.5	74.1	73.9	75.2
Farm products.....1926=100..	83.8	79.3	79.5	78.2	77.5	78.3	78.2	79.5	76.5	76.9	75.2	78.1	81.3
Grains.....1926=100..	102.4	79.3	83.5	86.4	77.9	76.6	78.9	78.3	75.6	73.9	70.6	73.0	88.9
Livestock and poultry.....1926=100..	84.5	91.6	92.0	86.6	83.1	87.4	89.1	90.3	88.3	88.3	82.5	83.2	82.0
Foods.....1926=100..	83.1	84.9	86.1	85.0	85.1	85.7	83.5	83.2	80.1	80.2	78.0	79.9	81.4
Dairy products.....1926=100..	87.6	75.7	76.0	76.9	81.1	83.7	84.2	85.7	80.3	78.8	75.0	77.6	83.8
Fruits and vegetables.....1926=100..	76.1	60.5	60.0	59.1	63.2	63.7	62.2	62.4	65.1	67.8	72.3	82.0	79.7
Meats.....1926=100..	86.4	102.0	102.9	97.1	94.3	97.5	94.9	92.1	89.7	91.0	85.1	85.1	84.9
Other products.....1926=100..	79.7	77.9	77.8	78.3	78.8	78.7	78.8	79.0	78.9	78.9	78.8	78.8	79.5
Building materials.....1926=100..	86.9	85.4	85.9	86.1	85.8	85.5	85.7	85.5	85.3	85.7	85.8	85.8	86.7
Brick and tile.....1926=100..	89.1	89.0	88.8	88.3	88.3	88.9	88.4	88.4	88.9	89.0	88.8	89.2	89.2
Cement.....1926=100..	95.5	94.9	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
Lumber.....1926=100..	83.8	82.0	82.1	82.0	81.8	81.5	82.2	82.3	82.6	83.2	83.0	82.1	83.7
Chemicals and drugs.....1926=100..	79.8	78.6	80.2	81.1	81.2	80.6	80.5	80.1	79.3	78.5	77.7	78.0	79.4
Chemicals.....1926=100..	86.2	84.3	86.9	88.3	88.4	87.7	87.6	87.0	85.9	85.5	84.1	84.3	85.9
Drugs and pharmaceuticals.....1926=100..	73.3	73.8	73.8	74.2	74.7	74.7	70.4	73.2	73.0	73.2	73.2	73.2	73.0
Fertilizer materials.....1926=100..	66.7	66.8	67.2	67.2	67.5	64.5	64.4	64.5	64.8	64.6	64.7	64.0	65.2
Fuel and lighting.....1926=100..	76.3	74.1	73.0	73.4	74.5	74.6	75.1	76.2	76.2	76.4	76.0	76.1	76.2
Electricity.....1926=100..	86.7	87.5	86.3	86.2	84.9	83.1	86.2	84.4	82.8	84.2	83.4	83.4	83.4
Gas.....1926=100..	91.8	91.9	89.0	86.6	84.5	83.2	82.1	84.4	84.8	87.3	88.0	87.9	87.9
Petroleum products.....1926=100..	57.9	52.4	50.6	50.1	52.5	52.8	54.4	55.7	56.0	57.9	58.2	57.7	58.1
Hides and leather.....1926=100..	93.6	89.6	90.9	93.6	95.0	95.4	97.1	96.1	94.9	94.6	94.0	93.8	93.4
Boots and shoes.....1926=100..	99.3	98.3	98.3	98.8	99.6	100.1	100.5	100.5	100.4	100.3	100.2	99.7	99.3
Hides and skins.....1926=100..	90.0	80.4	83.8	92.9	96.0	96.5	100.5	96.7	91.0	90.1	87.3	89.0	87.8
Leather.....1926=100..	82.4	80.2	83.0	86.6	88.1	87.6	87.3	86.0	85.0	84.5	84.4	83.2	83.0
House-furnishing goods.....1926=100..	81.4	80.5	80.5	80.6	81.0	81.0	81.4	81.5	81.4	81.5	81.5	81.4	81.2
Furniture.....1926=100..	77.6	77.0	76.9	76.9	77.1	77.1	77.9	77.9	77.9	78.0	77.9	77.5	77.2
Furnishings.....1926=100..	85.2	84.0	84.0	84.2	84.7	84.7	84.8	85.0	84.9	85.0	85.0	85.2	85.1
Metals and metal products.....1926=100..	87.1	86.6	86.6	86.5	86.9	86.8	86.7	86.7	86.6	86.6	86.3	86.2	86.9
Iron and steel.....1926=100..	87.9	87.1	86.8	86.9	87.0	86.9	87.1	86.9	86.3	86.3	86.3	86.3	87.6
Metals, nonferrous.....1926=100..	70.8	66.9	68.6	70.9	71.3	70.6	69.7	69.7	69.9	70.4	70.7	70.0	70.4
Plumbing and heating equipment.....1926=100..	76.5	71.1	71.1	71.1	71.1	71.1	71.7	73.8	73.8	73.8	73.8	73.8	76.5
Textile products.....1926=100..	70.9	70.9	71.8	72.9	73.4	73.2	71.7	71.0	70.8	70.2	69.8	69.7	70.5
Clothing.....1926=100..	80.8	80.5	80.8	80.8	80.7	81.0	80.8	80.7	80.7	80.8	81.1	80.9	80.7
Cotton goods.....1926=100..	79.5	82.5	83.2	84.5	85.8	86.0	80.4	78.1	77.1	76.2	75.5	75.4	78.7
Knit goods.....1926=100..	60.3	60.2	61.6	63.2	63.2	62.2	61.8	62.0	62.1	62.0	60.6	60.3	59.3
Silk and rayon.....1926=100..	31.6	31.0	32.9	35.1	35.0	33.7	33.5	31.6	30.9	30.1	29.1	29.3	30.7
Woolens and worsted.....1926=100..	81.2	76.4	76.9	79.1	80.7	81.0	81.4	82.8	83.8	82.2	82.2	82.6	82.0
Miscellaneous.....1926=100..	71.5	67.3	67.1	67.5	67.4	67.5	67.8	68.1	68.3	68.6	69.2	69.7	71.0
Auto tires and tubes.....1926=100..	47.5	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	47.5	47.5	47.5
Paper and pulp.....1926=100..	80.6	79.7	79.7	79.7	79.4	79.2	79.8	79.9	80.3	80.5	80.5	80.6	80.6
Other wholesale price indexes:													
Bradstreet's (96).....1926=100..	78.9	77.5	78.8	79.6	80.5	80.2	77.6	76.8	76.3	76.0	75.4	76.3	78.5
Dun's (300).....1926=100..	96.8	90.6	94.1	94.7	94.2	94.4	94.9	95.2	92.1	92.0	91.3	94.5	96.4
World prices foodstuffs and raw materials:†													
Combined index.....1923-25=100..	55.9	48.2	49.6	52.2	50.3	49.5	* 51.1	50.5	51.3	52.1	51.3	* 54.7	54.8
Coffee.....1923-25=100..	47.9	40.0	42.5	43.5	42.0	42.0	45.0	47.0	44.5	43.0	42.5	43.5	46.0
Cotton.....1923-25=100..	45.2	42.3	39.7	41.2	44.1	44.5	43.8	42.6	41.9	43.0	43.0	44.1	48.5
Rubber.....1923-25=100..	38.2	28.0	26.9	29.7	30.7	30.8	33.6	36.3	37.2	37.4	36.5	37.1	38.6
Silk.....1923-25=100..	25.0	23.8	26.1	29.1	29.2	27.4	27.2	24.9	24.2	23.5	22.4	22.3	23.9
Sugar.....1923-25=100..	69.3	59.6	64.8	67.8	62.8	55.6	59.1	61.1	65.8	71.0	70.3	71.1	69.8
Tea.....1923-25=100..	68.6	66.3	77.1	77.0	67.9	66.0	67.8	69.5	70.1	70.9	68.0	64.1	* 64.8
Tin.....1923-25=100..	84.7	100.3	97.6	101.9	103.2	99.0	94.0	95.3	95.5	93.4	92.1	* 84.0	* 85.5
Wheat.....1923-25=100..	73.3	54.7	58.0	62.7	54.9	59.2	63.1	68.1	68.7	66.0	55.2	54.6	* 63.5
Wholesale prices, actual. (See under respec- tive commodities.)													
PURCHASING POWER OF THE DOLLAR *													
Wholesale prices.....1923-25=100..	123.4	125.1	124.8	125.1	125.0	124.5	125.0	125.0	126.5	126.4	128.1	127.2	125.1
Retail food prices†.....1923-25=100..	119.0	125.6	124.8	124.2	122.7	122.0	122.4	124.1	125.8	125.8	125.2	119.3	119.0
Farm prices†.....1923-25=100..	118.5	138.7	137.4	135.0	136.1	133.7	135.0	135.0	141.4	140.1	142.7	137.4	127.9
Cost of living†.....1923-25=100..	118.8	* 123.5	* 123.0	* 122.5	* 122.0	* 121.2	* 121.2	* 121.8	* 122.2	* 122.0	* 121.4	* 119.5	* 119.3

CONSTRUCTION AND REAL ESTATE

CONSTRUCTION CONTRACTS AWARDED													
Contracts awarded, F. R. B.:‡													
Total, unadjusted.....1923-25=100..	68	40	44	45	53	53	50	44	47	53	56	60	* 65
Residential.....1923-25=100..	48	24	25	25	25	22	21	22	28	35	38	39	* 45
Total, adjusted.....1923-25=100..	65	38	43	48	60	67	61	52	47	46	46	52	* 59
Residential.....1923-25=100..	48	24	25	25	26	26	25	25	26	30	32	36	* 44
F. W. Dodge Corporation (37 States):▲													
Total, all types:													
Projects.....number.....	12,912	10,655	9,978	11,385	9,256	8,249	7,724	6,442	10,514	13,338	13,242	13,352	13,890
Valuation.....thous. of dol..	275,281	168,557	167,876	200,596	188,115	264,137	204,793	142,050	198,978	234,632	216,071	233,055	294,735
Nonresidential buildings:†													
Projects.....number.....	3,504	3,307	2,778	3,318	2,753	2,796	2,761	2,355	3,106	3,792	3,436	3,411	3,626
Floor space.....thous. of sq. ft..	15,504	9,632	8,602	10,813	11,680	20,680	16,047	11,384	15,098	17,343	15,629	15,916	17,543
Valuation.....thous. of dol..	80,380	58,489	49,420	59,180	68,080	124,506	90,480	62,611	81,460	94,068	82,252	79,079	96,125

* Revised

* New series. For earlier data on the following subjects refer to indicated pages of the monthly issues as follows: World prices, p. 20, September 1932; Purchasing Power of the Dollar (except for farm prices), p. 18, August 1933.

† Revised series. For revisions of construction contracts awarded on nonresidential buildings for years 1930, 1931, and 1932, refer to p. 20 of the September 1933 issue. Farm prices (purchasing power) are on p. 20 of the April 1935 issue. Cost of living (purchasing power) revised for 1914-36. Revisions not shown above will appear in a subsequent issue.

▲ A continuation of the statistics shown on pp. 30 and 32, of the 1932 annual supplement, by classes, for the years 1932 and 1933 was published on p. 19 of the August 1934 issue and for 1934 on p. 19 of the October 1935 issue. Series also revised for 1935. See p. 19 of the May 1936 issue.

‡ Indexes are based on 3-month moving average of F. W. Dodge data centered at second month.

§ See footnote on p. 23 marked "†".

* Index revised to exclude copper prices, since data on copper stocks have not been available subsequent to October 1931. Both stock and price series now cover 8 commodities as listed. For revised data for period 1920-35 see p. 19 of the May 1936 issue.

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
CONSTRUCTION AND REAL ESTATE—Continued													
CONSTRUCTION CONTRACTS AWARDED—Continued													
F. W. Dodge Corporation (37 States)—Con.													
Public utilities:†													
Projects.....number.....	188	182	176	223	207	260	221	136	205	221	176	167	229
Valuation.....thous. of dol.....	17,945	4,422	12,493	11,198	10,094	18,104	17,926	11,939	18,106	23,753	12,773	9,264	27,512
Public works:†													
Projects.....number.....	1,238	1,358	1,422	1,614	1,540	1,328	1,048	702	1,123	1,092	1,102	1,330	1,782
Valuation.....thous. of dol.....	70,435	65,118	63,653	75,117	69,645	70,387	58,948	36,325	44,191	49,660	50,792	71,107	99,103
Residential buildings:‡													
Projects.....number.....	7,982	5,808	5,602	6,230	4,756	3,853	3,694	3,249	6,080	8,233	8,528	8,444	8,253
Floor space.....thous. of sq. ft.....	24,393	11,753	12,002	16,784	12,253	11,599	10,306	9,115	15,604	19,736	20,547	20,624	20,501
Valuation.....thous. of dol.....	100,523	40,528	41,811	55,100	39,695	45,149	37,440	31,176	55,221	67,151	70,253	73,605	71,994
Engineering construction:†													
Total contracts awarded (E. N. R.)													
thous. of dol.....	192,317	158,057	114,840	182,631	154,973	235,506	288,547	164,499	147,697	195,458	141,257	183,917	226,595
HIGHWAY CONSTRUCTION													
Concrete-pavement contract awards:													
Total.....thous. of sq. yd.....	5,903	3,052	4,663	6,816	4,496	6,869	2,250	2,068	2,662	3,835	5,235	4,188	7,913
Roads only.....thous. of sq. yd.....	4,648	2,395	3,766	5,888	3,327	3,591	1,217	1,396	1,579	2,767	3,621	2,942	6,208
Highways:													
Approved for construction (N. I. R. A.):*													
Mileage.....number of miles.....	146	559	402	295	290	241	267	308	261	296	252	169	144
Public works funds allotted.....thous. of dol.....	4,248	14,221	11,984	10,109	8,740	8,092	7,279	7,607	7,653	7,382	5,975	4,631	4,345
Under construction (N. I. R. A.):*													
Estimated total cost.....thous. of dol.....	28,523	149,047	126,211	102,246	88,776	74,700	65,390	61,015	50,593	56,484	50,197	42,500	37,100
Public works funds allotted													
Federal aid funds allotted.....thous. of dol.....	26,680	136,399	114,867	92,885	80,810	68,965	60,877	55,653	55,085	52,005	45,693	38,975	33,397
Mileage.....number of miles.....	147	2,334	2,620	1,328	1,189	982	667	601	569	467	248	195	195
Building costs—factory (Aberthaw)	832	6,386	5,931	3,700	2,968	2,371	1,988	1,734	1,679	1,527	1,339	1,152	971
CONSTRUCTION COSTS													
Building costs—all types (American Appraisal Co.):*	193=100.....	163	157	157	157	158	158	158	159	159	161	162	163
Building costs—all types (A. O. C.)	1913=100.....	178	175	174	173	173	178	178	178	178	178	178	178
Building costs—all types (E. N. R.):§	1913=100.....	203.1	195.1	195.1	195.1	194.9	194.9	199.5	201.2	201.2	202.2	203.4	204.6
Building costs—factory (Aberthaw)	1914=100.....			177		177			178			183	
MISCELLANEOUS DATA													
Fire losses, United States.....thous. of dol.....	21,714	18,137	16,542	19,786	20,872	27,969	27,730	30,910	29,177	25,787	21,479	20,407	22,357
Foreclosures*.....number.....		14,964	14,470	14,398	12,826	13,221	12,560	11,794	13,245	13,126			
Real estate:													
Home loan bank, loans outstanding*†													
thous. of dol.....	125,211	86,025	90,432	95,595	97,089	102,795	102,745	102,887	103,354	105,969	110,922	118,580	122,094
Home Owners' Loan Corp.*													
Applications received.....number.....													
Loans closed:													
Number.....		14,623	12,892	16,259	15,654	16,002	14,192	9,392	8,356	6,305	6,073		
Amount.....thous. of dol.....		44,775	41,181	49,883	47,927	58,541	44,469	29,984	25,715	19,891	21,865		
Loans outstanding*.....thous. of dol.....		2,747,022	2,788,203	2,838,086	2,886,013	2,940,029	2,984,438	3,014,423	3,040,137	3,060,029	3,083,312		

DOMESTIC TRADE

ADVERTISING													
Printer's Ink indexes (adjusted for seasonal variation):*													
Combined index.....1928-32=100.....	79.8	76.6	79.0	83.2	84.1	80.2	78.0	84.8	87.7	88.5	90.9	90.6	
Farm papers.....1928-32=100.....	80.2	65.5	69.8	61.5	62.6	74.4	67.1	66.0	66.6	72.8	76.5	73.5	73.4
Magazines.....1928-32=100.....	87.2	77.1	74.4	75.1	81.0	82.4	82.2	82.5	86.8	89.2	87.6	88.2	90.3
Newspapers.....1928-32=100.....	84.9	78.6	75.5	77.9	82.9	84.7	79.1	75.5	81.5	86.5	88.9	87.1	87.1
Outdoor.....1928-32=100.....		58.9	52.4	59.5	58.0	47.0	50.0	52.3	71.1	70.6	73.5	74.3	
Radio.....1928-32=100.....	230.0	182.5	184.5	185.2	177.5	195.0	187.0	189.7	192.8	185.2	184.4	202.1	224.7
Radio broadcasting:▲													
Cost of facilities, total.....thous. of dol.....	2,900	2,250	4,710	4,377	4,780	4,583	4,623	5,210	4,693	4,311	3,840	3,723	
Automotive.....thous. of dol.....	189	244	721	400	487	432	460	539	453	450	394	241	
Drugs and toilet goods.....thous. of dol.....	967	1,095	1,283	1,296	1,406	1,382	1,428	1,555	1,405	1,227	1,058	966	
Foods.....thous. of dol.....	876	911	1,154	1,072	1,171	1,150	1,111	1,260	1,182	1,106	1,056	1,147	
Petroleum products.....thous. of dol.....	302	313	384	382	398	402	390	417	344	329	292	301	
Tobacco manufactures.....thous. of dol.....	183	184	367	368	384	352	331	370	395	393	393	421	
All other*.....thous. of dol.....	386	503	802	861	934	882	895	1,069	913	805	655	647	
Magazine advertising:†													
Cost, total.....thous. of dol.....	8,488	7,074	8,852	10,248	11,747	9,360	7,435	11,166	13,431	14,516	14,920	12,268	8,917
Automotive.....thous. of dol.....	1,221	1,023	832	686	1,654	979	1,157	1,655	2,044	2,146	2,332	1,811	1,196
Drugs and toilet goods.....thous. of dol.....	1,756	1,404	1,454	1,957	2,203	1,609	1,241	2,323	2,477	2,506	2,359	2,137	1,767
Foods.....thous. of dol.....	1,211	1,100	1,296	1,690	1,986	1,630	1,230	1,837	2,195	1,784	1,742	1,657	1,493
Petroleum products.....thous. of dol.....	347	284	220	192	263	110	148	191	214	459	468	366	365
Tobacco manufactures.....thous. of dol.....	540	484	525	526	559	565	580	494	538	591	619	586	494
All other*.....thous. of dol.....	3,414	2,719	4,523	5,197	5,052	4,467	3,079	4,665	5,932	7,031	7,419	5,710	3,603
Lineage, total†.....thous. of lines.....	1,695	1,497	1,812	2,181	2,201	2,334	1,696	2,128	2,511	2,860	2,852	2,637	1,967

* Revised.

† New series. For earlier data on building costs, American Appraisal Co., refer to p. 20 of the August 1933 issue. N. I. R. A. highway work started in September 1933, see November 1934 issue for beginning of series. For Home Loan Bank loans outstanding for period December 1932-January 1936 see p. 19 of the April 1936 issue. Home Owners' Loan Corporation data from September 1933 to April 1934 will be shown in a subsequent issue. Total loans closed to June 12, 1936, \$3,092,870,784. Printers' Ink indexes from January 1922 to May 1934 appear on p. 19 of July 1935 issue. Data prior to May 1934 on "all other" radio and magazine advertising not published. See special note below on foreclosures. Data on H. O. L. C. loans outstanding for period September 1933-January 1936 are shown on p. 19 of the April 1936 issue.

† Revised series. See p. 20 of the October 1933 issue, magazine lineage. For revised data on magazine advertising cost for the years 1933 and 1934, see p. 19 of the February 1936 issue.

§ Index as of September 1, 1935, 298.1.

▲ Compiled by the Federal Home Loan Bank Board and represent the number of foreclosures on all types of properties in 1,013 identical communities in 48 States, having 53 percent of the population of the United States. Data prior to October 1933 not published. Comparable annual totals for 1926, 65,857; 1932, 210,821; and 1933, 209,003. Data were not compiled for other years. Months subsequent to September 1934 were computed by means of a link relative to keep series comparable since the figures for these months are from a slightly different number of communities.

† These series represent a break-down of the combined total shown in the Survey previous to September 1933. For earlier data see p. 20 of the September 1933 issue.

† Months of August and October 1935; January, April, and July 1936 include 5 weeks; other months include 4 weeks.

† For the period October 1933-February 1935, inter-bank loans that were formerly included have been removed.

▲ Data for 1935 revised. See p. 25 of the May 1936 issue.

● Beginning January 1934 data includes Home Owners' Loan Corporation improvements.

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July
DOMESTIC TRADE—Continued													
ADVERTISING—Continued													
Newspaper advertising:													
Lineage, total (52 cities).....thous. of lines..	99,166	89,997	101,347	117,427	117,704	118,684	94,810	91,334	116,443	121,887	127,182	117,029	98,499
Classified.....thous. of lines..	22,546	19,286	20,155	20,658	19,753	20,171	18,499	17,546	21,991	22,548	24,172	24,843	21,232
Display.....thous. of lines..	76,620	70,731	81,192	96,769	97,952	98,513	76,311	73,788	94,452	99,339	103,010	92,186	77,266
Automotive.....thous. of lines..	4,908	5,281	2,910	5,714	7,677	4,058	3,787	3,632	5,453	7,813	8,493	7,645	6,593
Financial.....thous. of lines..	1,646	1,280	1,454	1,983	2,096	1,835	2,536	1,942	2,773	2,488	1,933	1,988	2,219
General.....thous. of lines..	16,186	14,459	16,629	20,775	20,980	16,269	17,686	19,464	22,899	21,812	23,498	20,802	18,287
Retail.....thous. of lines..	53,880	49,712	60,200	68,297	67,198	76,351	52,301	48,751	63,327	67,227	69,086	61,751	50,167
GOODS IN WAREHOUSES													
Space occupied, public merchandise in ware- houses.....percent of total.....		63.1	62.5	61.9	62.3	62.2	62.4	60.7	61.8	61.2	61.2	* 61.3	61.0
NEW INCORPORATIONS													
Business incorporations (4 States).....number..	1,910	2,057	1,994	2,272	2,053	2,409	2,655	2,218	2,506	2,297	2,273	2,285	2,182
POSTAL BUSINESS													
Air mail, pound-mile performance* thous. of lb.....		761,385	732,875	807,400	717,264	858,100	761,833	745,845	902,749	885,274	920,629	949,828	-----
Money orders:													
Domestic, issued (50 cities):													
Number.....thousands..	3,633	3,428	3,359	3,809	3,740	4,346	3,952	3,953	4,123	3,950	3,834	4,091	3,764
Value.....thous. of dol..	36,655	33,812	33,417	37,327	35,850	39,651	37,528	36,611	38,676	37,884	36,405	40,994	38,354
Domestic, paid (50 cities):													
Number.....thousands..	11,573	11,071	10,915	13,631	12,561	14,341	12,449	11,523	13,291	13,122	12,735	13,153	12,598
Value.....thous. of dol..	94,696	88,997	88,793	108,905	99,403	107,701	92,882	85,855	99,739	99,510	96,032	102,447	103,085
Foreign, issued—value.....thous. of dol..		2,479	2,416	2,038	2,733	5,281	2,294	2,254	3,055	2,450	2,048	2,385	-----
Receipts, postal:†													
50 selected cities.....thous. of dol..	26,637	24,162	25,635	29,354	27,580	35,935	27,434	26,103	28,839	28,944	27,874	28,286	26,673
50 industrial cities.....thous. of dol..	3,022	2,091	2,815	3,292	2,976	4,248	3,257	3,060	3,318	3,320	3,124	3,214	3,192
RETAIL TRADE													
Automobiles:*													
New passenger car sales:													
Unadjusted.....1929-31=100..	92.3	80.2	50.1	53.3	96.6	90.6	69.3	65.5	117.8	142.3	* 138.6	* 139.3	* 117.3
Adjusted.....1929-31=100..	91.4	75.0	79.0	82.0	113.5	106.5	102.0	89.5	101.0	93.5	* 93.5	* 109.5	* 104.3
Chain-store sales:													
Chain Store Age index:†‡													
Combined index †													
av. same month 1929-31=100.....		98	98	100	100	103	97	99	101	102	103	108	110
Apparel index†													
av. same month 1929-31=100.....		101	107	119	108	114	100	105	119	115	117	118	125
Grocery†													
av. same month 1929-31=100.....		92	94	93	92	93	93	93	94	94	93	96	100
Five-and-ten (variety) stores:*													
Unadjusted.....1929-31=100..	* 86.5	79.3	87.7	93.4	95.1	178.4	67.7	73.5	80.3	95.7	96.8	98.8	97.2
Adjusted.....1929-31=100..	* 97.7	89.6	91.8	92.0	93.7	96.7	90.8	88.0	93.3	95.2	96.8	104.0	109.2
H. L. Green Co., Inc.:*													
Sales.....thous. of dol..	2,430	2,157	2,088	2,476	2,084	4,041	1,753	1,868	2,043	2,522	2,514	2,625	2,412
Stores operated.....number..	132	132	133	134	134	133	132	130	130	131	130	130	130
S. S. Kresge Co.:													
Sales.....thous. of dol..	11,353	10,758	10,148	11,925	12,269	21,551	8,597	9,571	10,643	12,011	11,925	12,182	11,169
Stores operated.....number..	729	737	737	741	744	745	743	740	739	737	726	725	729
S. H. Kress & Co.:													
Sales.....thous. of dol..	6,652	5,946	6,138	6,556	6,858	13,789	5,204	5,459	6,314	6,873	6,552	7,027	6,525
Stores operated.....number..	235	233	233	234	235	234	234	234	235	235	235	235	235
McCrary Stores Corp.:▲													
Sales.....thous. of dol..	3,010	2,822	2,626	3,153	3,262	6,268	2,324	2,691	2,893	3,284	3,057	3,443	3,002
Stores operated.....number..	195	* 204	202	201	203	203	201	200	200	200	199	197	195
G. C. Murphy Co.:													
Sales.....thous. of dol..	2,922	2,513	2,351	2,865	2,979	5,005	2,603	2,311	2,320	3,001	3,089	3,183	2,974
Stores operated.....number..	192	188	188	189	189	189	189	190	190	190	190	191	191
F. W. Woolworth Co.:													
Sales.....thous. of dol..	23,186	21,556	20,243	23,383	23,407	29,590	16,983	19,016	19,677	23,072	22,622	23,398	22,861
Stores operated.....number..	1,991	1,974	1,974	1,978	1,978	1,980	1,979	1,979	1,980	1,983	1,986	1,989	1,990
Restaurant chains (3 companies):													
Sales.....thous. of dol..		3,335	3,369	3,565	3,395	3,662	3,384	3,229	3,509	3,495	3,442	3,363	-----
Stores operated.....number..		358	355	353	351	352	353	350	350	348	349	350	-----
Other chains:													
W. T. Grant & Co.:													
Sales.....thous. of dol..	6,925	6,767	6,726	8,365	8,581	14,818	5,175	5,754	6,475	7,649	8,328	8,371	7,075
Stores operated.....number..	472	468	470	470	471	471	471	472	472	472	472	473	473
J. C. Penney Co.:													
Sales.....thous. of dol..	19,369	17,885	18,806	24,023	24,962	31,332	13,964	13,692	16,282	19,759	20,640	21,475	18,475
Stores operated.....number..	1,489	1,479	1,480	1,481	1,483	1,481	1,481	1,481	1,481	1,483	1,483	1,484	1,488
Department stores:													
Collections:*													
Installment account													
percent of accounts receivable.....		16.3	16.2	17.4	17.4	16.7	16.7	17.1	17.6	17.4	16.9	18.0	16.2
Open account													
percent of accounts receivable.....		41.1	40.6	45.5	46.8	44.0	46.9	44.4	43.0	45.1	45.8	47.6	45.6

* Revised.

* New series. For description of Chain Store Age indexes see p. 19 of the December 1932 issue. Data of H. L. Green Co., Inc., prior to July 1933 will be shown in a subsequent issue. For earlier data on automobiles see p. 19 of the April 1934 issue and variety-store sales, p. 13 of the March 1934 issue. Data prior to October 1933 on collections not published. Data are currently being received from about 400 stores on open accounts and about 250 on installment accounts. Series on air mail not available prior to May 1934. Series on basis of weight carried was published in the *Survey* for the period February 1936 to December 1933.

† Revised series. For revisions refer to the indicated pages of the monthly issues as follows: Apparel sales index of Chain Store Age, p. 28, October 1933. Combined index and grocery index of Chain Store Age were revised for period January 1932 through August 1934. See footnote on p. 26 of the November 1934 issue.

‡ Monthly data from January 1932 through June 1935 are on page 20 of the July 1935 issue.

▲ The *New York Evening Post* series on newspaper advertising in 22 cities is available for the period 1916 through January 1934. See the 1932 annual supplement and monthly issues prior to December 1934.

▲ Data for 1935 revised. See p. 26 of the May 1936 issue.

§ Chain Store Age combined index for the period 1932-35 included 18 companies. Beginning 1936 it was increased to 20 caused by the addition of 1 apparel and 1 shoe company.

Monthly statistics through December 1931, together with explanatory footnotes and references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey

	1936	1935					1936						
	August	August	September	October	November	December	January	February	March	April	May	June	July
DOMESTIC TRADE—Continued													
RETAIL TRADE—Continued													
Department stores—Continued.													
Sales, total value, unadjusted [▲]													
1923-25=100.....	70	61	86	86	91	145	63	66	77	85	89	84	64
Atlanta*.....	77	77	91	98	103	158	71	86	100	103	103	92	78
Boston.....	54	52	72	82	78	124	63	54	66	74	74	76	54
Chicago*†.....	76	68	81	86	89	137	64	69	82	89	89	87	65
Cleveland*.....	72	61	78	79	83	133	58	70	63	89	93	84	63
Dallas*.....	77	64	97	92	97	155	69	77	87	90	95	92	71
Kansas City.....	70	70	85	90	84	133	60	63	80	80	82	77	59
Minneapolis*.....	75	70	84	94	85	123	65	58	79	88	87	85	81
New York*.....	63	58	83	87	93	146	63	64	71	78	80	80	62
Philadelphia*.....	56	49	65	74	80	122	47	51	66	70	74	71	52
Richmond.....	80	78	98	117	114	185	73	72	95	103	110	104	79
St. Louis.....	59	71	80	87	81	120	56	59	73	78	76	72	55
San Francisco*.....	88	80	87	88	92	152	70	71	78	86	85	83	77
Sales, total value, adjusted [▲]	87	77	81	78	82	83	81	83	84	84	87	87	91
Atlanta*.....	123	98	97	82	90	93	90	98	103	96	102	103	111
Chicago*†.....	95	85	79	78	81	81	80	87	90	84	88	89	91
Cleveland*.....	85	73	75	75	79	81	77	86	78	79	87	86	83
Dallas*.....	107	88	92	80	84	95	82	91	91	92	91	100	102
Minneapolis*.....	86	80	77	79	86	83	73	77	84	82	86	88	61
New York*.....	81	76	81	77	79	83	81	77	83	80	85	83	82
Philadelphia*.....	73	65	72	65	66	69	57	62	73	70	76	74	70
San Francisco*.....	92	82	84	86	91	88	84	85	85	89	88	94	94
Installment sales, New England dept. stores, ratio to total sales..... percent.	14.9	14.5	10.7	10.2	8.8	6.2	10.1	11.0	9.7	8.5	8.9	7.5	9.5
Stocks, value, end of month:													
Unadjusted.....	65	60	67	72	75	61	58	62	67	68	67	62	59
Adjusted.....	67	62	64	66	67	65	66	65	65	65	65	64	63
Mail-order and store sales:													
Total sales, 2 companies..... thous. of dol.	66,325	52,402	59,474	79,945	71,777	90,813	46,181	45,435	60,926	69,413	75,219	76,689	65,270
Montgomery Ward & Co. thous. of dol.	27,422	22,849	25,173	35,897	30,910	39,475	18,508	17,855	24,845	30,403	30,295	30,330	25,636
Sears, Roebuck & Co. thous. of dol.	38,903	29,553	34,301	44,048	40,867	51,338	27,672	27,580	36,081	39,011	44,923	46,359	39,634
Rural sales of general merchandise:													
Unadjusted.....	96.2	79.8	103.7	127.6	127.6	155.9	79.9	84.2	99.2	105.5	106.5	106.2	88.3
Adjusted.....	111.9	92.8	104.8	104.6	103.7	109.8	96.3	93.0	106.7	109.9	113.3	112.4	111.7

EMPLOYMENT CONDITIONS AND WAGES

EMPLOYMENT													
Factory, unadj. (B. L. S.)*§.....	1923-25=100.....	88.9	82.0	83.7	85.3	85.0	84.6	82.0	83.1	85.1	85.7	86.0	86.8
Durable goods group*§.....	1923-25=100.....	79.9	70.5	71.2	74.9	76.1	75.7	74.4	75.7	77.6	79.2	79.9	79.7
Iron and steel and products.....	1923-25=100.....	85.4	73.2	74.7	76.4	76.8	76.6	75.8	76.0	77.1	79.1	81.1	82.4
Blast furnaces and steel works	1923-25=100.....	87.0	73.7	74.4	75.6	76.2	77.0	77.1	76.6	77.4	79.7	82.1	83.2
Structural and metal work	1923-25=100.....	80.0	57.9	58.6	59.0	58.6	56.6	57.4	57.7	60.9	64.5	69.1	72.6
Tin cans, etc.....	1923-25=100.....	110.3	104.0	105.4	100.5	95.3	92.9	91.6	91.4	93.9	95.8	98.6	102.7
Lumber and products.....	1923-25=100.....	59.4	55.3	57.0	57.5	56.0	54.5	52.9	53.1	54.5	55.6	56.7	57.5
Furniture.....	1923-25=100.....	82.7	73.4	76.3	77.9	77.0	74.8	71.7	72.6	72.4	73.0	74.4	77.7
Millwork.....	1923-25=100.....	54.4	47.5	50.1	49.5	48.7	46.9	45.5	45.7	47.0	48.5	49.8	51.7
Sawmills.....	1923-25=100.....	37.6	36.6	37.4	37.6	36.0	35.1	34.4	34.3	36.1	37.5	38.4	38.5
Turpentine and rosin.....	1923-25=100.....	101.8	90.1	100.5	100.3	100.7	99.7	98.0	98.1	97.1	99.0	97.8	99.0
Machinery.....	1923-25=100.....	101.1	87.3	91.1	93.1	93.8	93.1	92.5	92.6	93.6	96.2	99.1	100.3
Agricultural implements.....	1923-25=100.....	104.0	117.8	118.5	116.6	123.8	128.9	133.9	136.3	138.7	140.4	138.3	132.6
Electrical machinery, etc.....	1923-25=100.....	81.6	70.4	73.3	75.3	75.4	74.0	72.1	71.4	72.3	75.3	77.1	79.1
Foundry and machine-shop products	1923-25=100.....	89.4	74.0	76.0	76.8	77.6	79.0	79.1	80.0	81.5	83.8	86.1	87.0
Radio and phonographs.....	1923-25=100.....	254.8	213.8	254.9	279.1	271.6	230.0	213.1	196.0	186.1	188.6	215.4	242.5
Metals, nonferrous.....	1923-25=100.....	92.5	82.0	86.9	91.9	93.1	92.3	80.4	89.3	88.9	88.7	89.0	89.7
Aluminum manufactures§.....	1923-25=100.....	90.6	75.5	79.1	82.7	83.0	82.1	81.2	82.0	85.2	84.3	84.6	87.5
Brass, bronze, copper products	1923-25=100.....	90.4	78.2	81.8	86.8	89.0	88.5	87.6	87.2	86.9	86.8	87.7	87.9
Stamped and enameled ware§.....	1923-25=100.....	112.0	101.9	106.2	112.7	116.2	117.0	110.5	109.2	109.1	112.8	110.8	112.3
Railroad repair shops.....	1923-25=100.....	60.0	52.8	52.6	55.1	55.7	55.8	55.9	58.2	60.1	59.9	60.1	60.6
Electric railroad.....	1923-25=100.....	65.9	63.3	64.6	64.5	65.1	64.8	65.0	65.5	65.8	66.0	65.9	65.6
Steam railroad.....	1923-25=100.....	59.6	51.9	51.7	54.4	55.0	55.1	55.2	57.6	59.7	59.4	59.7	60.2
Stone, clay, and glass products	1923-25=100.....	61.9	55.9	55.8	56.7	56.4	55.2	50.8	51.0	54.1	57.7	59.8	60.7
Brick, tile, and terracotta.....	1923-25=100.....	43.3	33.8	34.0	35.3	34.6	33.9	31.0	30.0	32.5	36.7	39.9	42.3
Cement.....	1923-25=100.....	61.1	53.8	51.9	52.9	49.6	45.0	38.0	38.0	44.3	52.3	58.4	58.9
Glass.....	1923-25=100.....	98.0	95.7	95.8	97.5	98.4	97.8	92.0	93.8	94.9	97.1	97.3	97.0
Transportation equipment.....	1923-25=100.....	92.2	83.6	75.9	92.3	101.0	103.2	101.7	99.0	100.3	104.3	105.5	104.6
Automobiles.....	1923-25=100.....	96.6	93.1	84.0	105.0	115.5	118.2	116.3	112.0	111.1	114.1	115.6	114.3
Cars, electric and steam.....	1923-25=100.....	67.3	32.0	32.5	37.9	43.4	47.4	45.4	48.6	55.0	60.9	61.1	63.3
Shipbuilding.....	1923-25=100.....	97.3	72.4	76.1	79.8	82.3	82.9	83.9	82.0	90.7	99.8	98.7	95.8
Nondurable goods group*§.....	1923-25=100.....	98.5	94.3	97.1	96.4	94.6	94.2	92.1	92.6	93.2	93.1	92.7	92.6
Chemicals and products.....	1923-25=100.....	112.2	107.9	110.7	113.1	112.4	111.1	108.7	108.9	112.1	110.7	110.0	108.3
Chemicals.....	1923-25=100.....	115.9	107.7	108.0	108.9	109.5	108.8	107.4	107.1	108.1	109.0	110.3	111.7
Druggists' prep.....	1923-25=100.....	96.4	97.3	99.5	101.6	100.3	98.8	97.6	97.7	99.0	98.4	96.8	96.5
Paints and varnishes.....	1923-25=100.....	111.9	105.5	106.7	109.2	109.3	107.9	107.1	107.2	108.1	111.9	114.5	115.3

* Revised.

† New series. For earlier data on department store sales by Federal Reserve districts, see p. 20 of the February 1935 issue excepting Chicago, for which see note below. Note that the combined index of department-store sales is computed by the Federal Reserve Board and the district indexes are computed by the Federal Reserve banks. For districts not marked with an asterisk the series are as published in the 1932 Annual Supplement and subsequent issues. See p. 20 of the December 1934 issue for rural sales for period January 1929 to October 1934. For earlier data on factory employment unadjusted in detail, see p. 16 of the June 1934 issue. See p. 19 of the July 1934 issue for factory employment unadjusted total. Data on employment in the durable and nondurable goods groups for the period January 1923-June 1935 were shown on p. 19 of the August 1935 issue.

‡ Revised series. See p. 19 of the April 1935 issue, department-store sales, Chicago.

▲ This series was shown on p. 20 of the June 1935 issue from 1919 through April 1935. For a subsequent revision see p. 19 of the September 1936 issue.

• The adjusted index of department-store sales (total value) was revised by the Federal Reserve Board for the years 1929 through 1934. Revised indexes for this period were shown on p. 20 of the June 1935 issue. For a subsequent revision see p. 19 of the September 1936 issue.

§ Data have been revised for the period January 1933-September 1935. Revisions not shown in the November 1935 issue appeared on p. 16 of the January 1936 issue.

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July
EMPLOYMENT CONDITIONS AND WAGES—Continued													
EMPLOYMENT—Continued													
Factory unadjusted—Continued.													
Nondurable goods group—Continued.													
Chemicals and products—Continued.													
Petroleum refining.....1923-25=100..	113.8	112.2	110.1	110.9	110.3	109.6	108.7	108.0	107.5	109.4	109.4	110.7	* 114.1
Rayon and products.....1923-25=100..	362.9	340.3	353.6	358.8	356.1	357.9	353.6	347.2	352.0	331.1	341.4	342.0	353.3
Food and products.....1923-25=100..	115.8	111.8	118.2	108.5	100.5	96.8	92.6	91.1	92.0	94.1	96.3	100.4	107.7
Baking.....1923-25=100..	117.4	111.7	114.6	114.6	113.6	112.4	111.2	111.7	112.9	113.5	114.8	115.9	116.6
Beverages.....1923-25=100..	199.3	179.0	171.9	162.9	153.0	150.1	149.7	148.0	158.6	163.9	178.9	184.9	204.2
Slaughtering, meat pack- ing.....1923-25=100..	89.8	79.4	78.9	79.7	82.8	84.3	84.9	81.7	80.5	80.7	82.8	84.2	89.2
Leather and products.....1923-25=100..	89.7	90.1	88.8	86.6	82.3	86.3	88.4	89.7	89.0	86.4	83.9	82.4	85.9
Boots and shoes.....1923-25=100..	88.1	89.1	87.3	84.0	77.8	82.8	85.1	88.1	87.4	84.3	81.4	79.7	85.1
Leather.....1923-25=100..	96.2	94.4	95.2	97.0	100.3	100.4	97.7	96.3	95.6	94.9	94.3	93.5	94.5
Paper and printing.....1923-25=100..	99.4	95.9	97.3	98.3	98.7	99.7	97.5	98.2	98.2	98.6	99.0	98.3	97.9
Paper and pulp.....1923-25=100..	110.6	108.8	109.2	109.1	109.0	110.0	108.7	109.2	109.6	110.3	111.0	110.3	109.8
Rubber products §.....1923-25=100..	85.6	79.1	81.1	82.8	82.7	83.0	82.0	81.7	72.7	82.1	83.0	83.7	84.5
Rubber tires and tubes.....1923-25=100..	75.3	69.7	70.3	70.7	69.8	70.5	70.5	69.9	53.2	68.1	70.0	72.6	73.6
Textiles and products.....1923-25=100..	98.2	92.9	95.9	97.7	97.0	96.9	95.1	96.1	97.2	96.1	94.2	93.2	93.4
Fabrics.....1923-25=100..	94.8	89.9	92.1	94.6	96.1	96.4	94.0	93.5	93.3	91.9	90.7	90.6	92.0
Wearing apparel.....1923-25=100..	101.8	95.0	100.5	100.5	94.8	93.8	93.4	97.9	101.9	101.7	97.9	95.2	92.5
Tobacco manufactures.....1923-25=100..	59.4	57.9	58.9	60.0	59.7	58.2	52.2	55.5	55.9	55.4	56.7	56.9	* 57.2
Factory adjusted (F. R. B.)* §.....1923-25=100..	83.6	81.8	81.9	83.7	84.8	85.6	84.8	83.8	84.2	84.9	85.8	86.3	* 87.6
Chemicals and products.....1923-25=100..	115.4	111.4	110.3	111.3	110.8	110.3	109.8	108.2	110.3	107.6	111.2	111.8	114.2
Chemicals.....1923-25=100..	120.1	111.6	108.5	107.7	107.2	106.6	105.9	105.4	106.9	108.3	112.2	113.9	118.1
Druggists' preparations.....1923-25=100..	98.4	99.3	97.4	97.1	96.8	97.3	95.4	96.8	96.9	100.2	100.4	101.0	101.7
Paints and varnishes.....1923-25=100..	115.0	105.4	108.0	108.9	110.2	109.7	109.6	107.3	107.3	111.4	110.4	111.1	113.1
Petroleum refining.....1923-25=100..	111.7	110.1	108.2	111.1	111.4	110.9	109.4	108.6	109.4	109.6	109.7	* 111.6	
Rayon and products.....1923-25=100..	362.9	340.3	353.6	358.8	356.1	357.9	353.6	347.2	352.0	331.1	341.4	342.0	353.3
Food and products.....1923-25=100..	105.0	100.3	99.8	98.1	98.4	100.7	103.1	101.7	102.2	100.5	102.9	102.4	103.9
Baking.....1923-25=100..	117.0	111.4	112.6	112.8	111.8	112.4	113.6	114.2	115.2	115.3	114.8	114.6	114.9
Slaughtering, meat packing.....1923-25=100..	91.6	81.0	79.7	79.1	82.0	80.7	82.4	80.3	82.4	83.4	83.8	84.6	89.7
Iron and steel and products.....1923-25=100..	85.6	73.4	74.1	75.9	77.1	77.9	77.6	75.9	76.1	77.9	80.1	82.2	85.1
Blast furnaces and steel works.....1923-25=100..	87.7	74.3	74.4	76.1	77.1	78.3	77.6	75.8	75.7	78.1	80.9	83.4	87.0
Structural and metal work.....1923-25=100..	78.1	56.5	57.0	57.7	58.4	57.1	58.9	59.4	62.3	65.3	69.5	72.2	73.8
Tin cans, etc.....1923-25=100..	102.9	97.0	99.4	100.7	99.6	96.6	97.9	95.5	96.9	95.4	97.6	99.2	100.3
Leather and products.....1923-25=100..	86.7	87.0	85.4	84.5	84.1	90.3	89.2	87.8	86.9	87.0	86.2	85.9	86.4
Boots and shoes.....1923-25=100..	83.9	84.9	83.1	81.4	80.2	83.0	87.5	86.4	85.4	84.0	83.4	83.8	87.5
Leather.....1923-25=100..	97.7	95.8	95.1	97.1	99.6	100.0	96.0	93.9	93.4	94.7	95.6	95.8	97.2
Lumber and products.....1923-25=100..	58.7	54.6	55.0	55.4	54.4	54.5	54.8	55.9	56.3	57.1	57.3	58.2	
Furniture.....1923-25=100..	82.3	73.3	73.9	71.7	71.6	72.4	74.4	73.3	73.7	74.7	76.8	77.2	81.4
Millwork.....1923-25=100..	53.6	46.8	49.7	49.1	48.7	47.6	46.9	47.8	48.2	49.2	51.1	51.0	
Sawmills.....1923-25=100..	35.6	35.6	36.2	37.0	35.7	35.8	36.0	35.8	37.3	37.7	37.8	37.5	37.6
Machinery.....1923-25=100..	100.7	87.1	88.8	90.6	93.0	93.9	94.6	93.6	94.9	97.0	99.6	100.7	* 101.1
Agricultural implements.....1923-25=100..	109.8	124.4	126.6	122.4	127.8	129.3	129.4	128.1	129.6	132.6	134.1	133.5	125.0
Electrical machinery, etc.....1923-25=100..	81.6	70.4	73.3	75.3	75.4	74.0	72.1	71.4	72.3	75.3	77.1	79.1	80.9
Foundry and machine-shop products.....1923-25=100..	89.2	73.9	75.8	77.4	79.1	80.9	80.3	79.6	80.4	82.4	84.8	86.1	88.2
Radio and phonographs.....1923-25=100..	231.6	194.4	190.9	196.8	222.3	225.4	253.1	239.0	248.8	239.0	256.4	267.7	244.0
Metals, nonferrous.....1923-25=100..	94.3	83.7	87.4	90.8	91.9	91.4	90.4	88.3	87.2	87.6	89.4	90.8	90.9
Brass, bronze, copper prod.....1923-25=100..	91.1	78.8	82.7	87.9	90.0	89.1	88.0	85.6	84.6	85.3	87.2	88.4	89.0
Stamped and enameled ware §.....1923-25=100..	114.5	104.2	107.9	112.6	116.3	118.3	114.2	107.9	105.1	109.7	109.3	112.2	110.7
Paper and printing.....1923-25=100..	100.6	97.1	97.6	97.8	97.4	98.0	96.8	97.9	99.0	99.0	96.6	99.2	98.9
Paper and pulp.....1923-25=100..	110.6	108.8	109.2	109.1	109.0	110.0	108.7	109.2	109.6	110.3	111.0	110.3	109.8
Railroad repair shops.....1923-25=100..	59.9	52.7	52.4	54.8	55.8	55.9	56.7	59.0	60.4	59.4	59.7	60.1	58.6
Electric railroads.....1923-25=100..	63.9	65.3	64.6	64.5	65.1	64.8	65.0	65.5	65.8	66.0	65.9	65.6	65.8
Steam railroads.....1923-25=100..	59.4	51.7	51.4	54.1	55.2	55.2	56.1	58.4	60.0	59.0	59.3	59.7	58.1
Rubber products.....1923-25=100..	87.0	80.4	81.7	83.4	83.0	83.4	83.4	82.2	73.7	82.1	81.8	81.7	83.6
Rubber tires and tubes.....1923-25=100..	75.2	69.6	71.6	73.2	72.1	72.9	72.7	70.6	54.3	67.0	66.8	68.2	70.4
Stone, clay, and glass products.....1923-25=100..	60.4	54.8	53.9	54.6	56.1	56.4	55.8	54.0	55.2	57.1	58.2	58.3	60.5
Brick, tile, and terra cotta.....1923-25=100..	40.0	31.2	32.1	34.4	34.7	35.8	35.3	34.5	35.2	36.4	37.7	39.4	39.7
Cement.....1923-25=100..	57.4	50.5	48.9	50.9	49.2	47.4	42.8	42.7	47.3	52.6	56.7	55.3	55.8
Glass.....1923-25=100..	99.7	97.4	93.6	92.5	97.2	98.2	100.0	96.2	94.1	94.6	94.9	94.1	101.0
Textiles and products.....1923-25=100..	101.7	96.1	96.0	96.0	96.2	96.2	95.0	94.4	94.6	94.9	94.2	94.5	98.2
Fabrics.....1923-25=100..	98.5	93.3	93.2	93.6	94.4	94.7	93.0	92.0	91.6	91.3	90.7	91.8	95.9
Wearing apparel.....1923-25=100..	104.6	98.4	98.3	97.3	96.0	95.3	95.3	95.8	97.4	99.1	98.1	96.7	99.3
Tobacco manufactures.....1923-25=100..	59.6	58.1	57.3	57.4	57.0	58.0	56.0	55.2	56.4	56.2	57.0	57.2	* 57.8
Transportation equipment.....1923-25=100..	92.2	83.7	81.6	99.5	109.0	110.0	103.0	96.6	98.3	98.7	96.7	99.1	98.2
Automobiles.....1923-25=100..	96.4	94.9	91.0	113.8	125.1	128.0	117.4	108.7	108.3	108.0	105.2	108.2	106.4
Cars, electric and steam.....1923-25=100..	61.1	30.4	31.8	39.5	48.1	51.6	50.9	52.3	55.4	56.4	55.6	58.3	56.0
Shipbuilding.....1923-25=100..	102.9	76.5	81.1	85.3	85.6	82.9	81.4	78.0	86.1	93.7	95.7	94.7	99.0
Factory, by cities and States:													
Cities:													
Baltimore*.....1929-31=100..	91.1	80.9	84.5	84.4	82.9	81.9	80.8	82.0	83.3	86.2	87.7	88.2	88.9
Chicago*.....1925-27=100..	76.0	65.3	67.3	68.5	68.9	69.1	68.7	69.2	69.3	70.0	71.7	72.6	73.6
Cleveland*.....1923-25=100..	91.1	84.8	89.3	95.5	94.9	94.7	94.9	94.2	94.4	95.1	96.2	96.2	96.4
Detroit.....1923-25=100..	78.0	71.7	82.7	100.9	107.8	108.8	103.8	100.0	101.5	105.8	105.0	103.5	101.0
Milwaukee*.....1925-27=100..	97.4	91.9	93.2	94.4	96.2	96.0	95.2	94.2	96.1	97.6	99.5	99.2	98.1
New York.....1925-27=100..	77.1	72.2	75.9	77.7	76.3	75.2	73.7	74.5	77.2	75.9	74.3	72.2	72.5
Philadelphia†.....1923-25=100..	96.0	89.1	91.0	92.2	92.2	92.7	90.5	90.8	91.8	91.7	91.5	92.2	* 93.6
Pittsburgh*†.....1923-25=100..	82.6	68.3	69.7	71.5	72.2	72.0	69.7	71.3	71.8	74.4	76.0	78.7	80.9
States:													
Delaware†.....1923-25=100..	113.1	102.8	96.1	92.6	88.4	89.5	89.7	89.1	88.7	88.3	90.4	94.6	* 99.1
Illinois.....1925-27=100..	81.7	73.6	75.7	75.8	76.0	76.6	75.8	76.7	77.8	79.0	80.3	81.6	82.1
Iowa.....1923=100..	78.2	118.8	122.2	122.3	122.7	124.7	123.9	122.7	125.9	127.6	130.6	132.1	129.7

Monthly statistics through December, 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July

EMPLOYMENT CONDITIONS AND WAGES—Continued

EMPLOYMENT—Continued													
Factory, by cities and States—Continued.													
States—Continued.													
Maryland*.....1929-31=100..	98.2	88.8	92.3	92.1	90.4	89.7	88.4	88.3	90.5	93.1	94.2	93.9	95.5
New Jersey.....1923-25=100..	80.8	75.9	78.0	80.0	80.6	79.1	76.3	76.1	76.4	77.0	77.7	79.3	78.7
New York.....1925-27=100..	79.7	73.8	76.8	77.8	76.9	76.2	75.2	75.3	77.2	77.4	77.5	76.8	77.4
Ohio.....1926=100..	(1)	91.1	93.1	93.8	96.0	94.2	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pennsylvania.....1923-25=100..	84.5	76.6	78.1	79.4	79.0	78.9	76.9	77.3	77.6	79.1	79.5	* 80.7	* 82.3
Wisconsin.....1925-27=100..	91.9	90.4	89.5	89.1	88.2	87.2	85.9	87.1	88.7	89.3	90.7	91.8	95.6
Nonmanufacturing (B. L. S.):													
Mining:													
Anthracite.....1929=100..	41.1	38.7	46.0	58.8	46.6	57.3	59.1	61.2	52.5	49.8	54.9	51.2	48.4
Bituminous coal.....1929=100..	76.8	73.4	77.1	74.3	76.1	79.1	79.8	80.2	80.4	77.5	76.2	75.7	75.5
Metalliferous.....1929=100..	61.6	46.3	48.9	61.6	52.6	53.5	54.2	55.5	55.9	57.5	60.8	61.9	61.3
Petroleum, crude production.....1929=100..	75.7	76.3	75.1	74.7	73.0	71.9	71.1	70.4	70.7	71.2	72.5	73.0	75.4
Quarrying and nonmetallic.....1929=100..	55.3	51.0	50.0	50.0	46.7	43.1	39.4	36.9	42.2	48.4	52.0	53.4	54.4
Public utilities:													
Electric light and power, and manufac- tured gas.....1929=100..	93.5	86.8	86.9	87.4	87.6	86.8	86.1	86.1	86.8	88.0	88.9	90.3	91.7
Electric railroads.....1929=100..	72.4	71.2	71.0	71.1	71.1	70.5	70.7	71.7	71.2	71.3	71.5	71.7	72.4
Telephone and telegraph.....1929=100..	73.5	70.5	70.4	70.0	69.8	69.6	70.1	69.9	70.2	70.8	71.6	72.1	73.1
Trade:													
Retail.....1929=100..	82.4	78.0	81.8	83.8	84.6	92.9	80.4	79.7	81.9	85.2	85.1	85.3	83.2
Wholesale.....1929=100..	86.2	82.7	83.7	85.7	86.4	86.8	85.6	85.0	85.6	85.7	84.6	84.6	85.4
Miscellaneous:													
Dyeing and cleaning*†.....1929=100..	83.0	79.4	82.1	80.4	76.3	73.4	71.5	70.3	74.7	81.8	87.3	87.5	85.5
Hotels†.....1929=100..	83.0	80.7	81.1	81.6	81.5	80.8	81.9	82.8	82.8	83.2	84.1	83.9	83.3
Laundries*†.....1929=100..	89.0	84.2	83.0	81.9	81.3	81.1	81.5	81.2	82.1	82.2	85.5	87.2	90.5
Miscellaneous data:													
Construction employment, Ohio 1926=100..	(1)	31.5	27.1	30.9	28.1	27.9	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Farm employees, average per farm* number.....	1.10	.98	.98	(2)	.85	.62	.71	.74	.89	.90	1.00	1.01	.99
Federal and State highway employment, total*.....number.....	433,533	382,846	340,073	323,374	290,823	252,229	202,884	200,451	227,586	287,478	374,191	423,466	435,971
Construction*.....number.....	274,631	218,896	183,886	176,050	151,388	130,539	97,089	80,674	94,200	144,173	209,835	258,103	271,015
Maintenance*.....number.....	168,882	163,950	156,187	147,324	139,435	121,690	105,795	119,777	133,386	143,305	164,356	165,363	164,956
Federal civilian employees: United States*.....number.....	869,796	805,286	829,605	831,453	835,236	850,342	840,183	835,087	841,197	846,279	853,439	859,836	866,141
Washington.....number.....	115,563	105,679	108,952	110,009	110,748	111,692	111,954	112,304	112,370	115,075	116,857	117,103	116,022
Railroad employees, class I.....thousands.....	1,112	1,027	1,025	1,034	1,013	999	1,003	1,054	1,044	1,073	1,092	1,101	* 1,110
Trades-union members employed:													
All trades.....percent of total.....	84	77	80	80	83	77	78	78	79	82	83	83	83
Building trades*.....percent of total.....	74	52	55	53	54	52	50	48	51	59	66	72	73
Metal trades*.....percent of total.....	89	78	80	81	81	82	83	83	83	85	86	88	89
Printing trades*.....percent of total.....	88	85	85	87	87	86	85	87	87	88	89	88	88
All other trades*.....percent of total.....	85	81	84	87	84	81	82	83	83	83	86	85	84
On full time, all trades, percent of total.....	62	54	59	55	58	55	56	57	58	61	61	60	64
LABOR CONDITIONS													
Hours of work per week in factories*††	40.6	37.4	37.7	38.1	38.6	38.7	38.4	38.1	38.7	39.5	39.4	39.4	39.2
Actual, average per wage earner.....hours.....													
Industrial disputes in progress during month:†													
Number of disputes.....	* 340	377	311	332	274	210	* 247	* 245	* 301	* 297	* 315	* 275	* 304
Man-days lost.....number.....	* 925,000	1,191,863	3,027,040	1,562,505	1,903,852	660,911	* 632,705	* 747,745	* 1,330,788	* 691,661	* 979,627	* 1,283,570	* 1,103,000
Workers involved.....number.....	* 112,900	150,835	514,427	134,773	100,732	61,782	* 58,583	89,715	* 122,361	* 94,192	* 121,188	* 129,721	* 123,000
Employment Service (United States):*													
Applications:													
In active file.....number.....	6,504,922	8,275,129	8,696,943	8,735,783	8,387,179	8,943,099	9,001,192	9,184,982	9,252,979	9,096,955	8,780,638	6,456,216	* 6,702,280
New.....number.....	381,264	862,798	681,122	629,930	535,280	481,900	425,591	343,142	333,251	295,683	291,833	361,938	360,831
Placements:													
Number.....	433,588	363,135	394,420	559,748	682,640	797,802	521,353	355,947	440,154	451,617	466,374	476,682	* 435,702
Per active applicant.....number.....	.065	.037	.045	.064	.081	.089	.058	.042	.048	.050	.053	.073	* .065
Labor turn-over:†													
Accessions.....percent of no. on pay roll.....	4.72	4.60	4.95	5.23	3.63	3.30	3.65	2.95	3.97	4.46	4.05	4.49	4.94
Separations:													
Discharged.....percent of no. on pay roll.....	.27	.21	.16	.21	.20	.18	.20	.17	.19	.21	.20	.23	.23
Laid off.....percent of no. on pay roll.....	3.23	2.70	1.95	2.03	2.58	2.89	2.69	2.21	1.83	1.92	2.06	1.92	1.81
Voluntary quits.....percent of no. on pay roll.....	1.23	.86	1.05	.89	.77	.69	.71	.68	.86	1.16	1.06	1.13	1.15
PAY ROLLS													
Factory unadj. (B. L. S.) *§.....1923-25=100..	81.6	69.1	71.7	74.3	73.7	75.6	71.9	72.0	75.5	77.2	78.5	78.7	77.8
Durable goods group*§.....1923-25=100..	73.6	58.9	60.6	66.8	68.1	69.7	65.1	64.7	69.7	73.8	76.1	75.1	72.1
Iron and steel and products.....1923-25=100..	79.8	59.4	62.7	65.5	65.1	68.8	64.4	65.2	69.9	73.9	76.9	78.5	75.8
Blast furnaces and steel works.....1923-25=100..	85.5	61.6	64.2	66.1	66.4	72.0	68.0	68.2	73.8	79.2	82.5	84.0	82.1
Structural and metal work.....1923-25=100..	71.4	43.9	45.6	46.0	44.7	45.0	45.3	44.8	49.9	54.7	60.7	65.1	66.1
Tin cans, etc.....1923-25=100..	111.7	103.6	105.7	100.2	91.5	91.5	90.9	86.1	94.5	94.3	98.6	102.1	102.4
Lumber and products.....1923-25=100..	32.6	44.4	47.3	48.6	45.0	44.2	41.1	41.1	44.6	46.3	48.1	49.4	48.5
Furniture.....1923-25=100..	69.1	56.0	60.2	63.0	59.3	58.4	51.8	54.3	55.7	56.2	56.7	59.3	60.5
Millwork.....1923-25=100..	48.0	37.7	40.8	41.9	39.6	39.0	36.1	35.9	39.2	41.2	43.9	45.9	46.2
Sawmills.....1923-25=100..	30.8	27.9	29.4	29.5	28.5	25.9	25.2	24.4	28.0	29.7	31.3	31.4	30.0
Turpentine and rosin.....1923-25=100..	59.7	59.3	59.3	64.6	65.8	64.4	60.5	55.2	59.2	57.0	58.1	58.6	58.8

* Revised.

† Preliminary.

‡ Temporarily discontinued by the reporting source.

§ Data not available.

* For earlier data see the following references: Employment in Maryland, and Federal civilian employment, total, United States, p. 18, December 1932; Federal and State highway employment, dyeing and cleaning establishments, and laundries, p. 19, June 1933; trades-union members employed, p. 18, December 1932, and hours of work, p. 20, October 1932. Pay rolls in the durable group for the period January 1923-June 1935 are shown on p. 19 of the August 1935 issue. Data for factory pay rolls by classes are shown on p. 18 of the June 1934 issue. See also p. 19, July 1934 issue. Data on the U. S. Employment Service for the period July 1933-June 1935 were shown on p. 19 of the September 1935 issue.

† For revised data refer to the indicated pages as follows: Employment in New Jersey and Pennsylvania, p. 19, September 1933; employment in laundries, and dyeing and cleaning establishments, p. 20, August 1934; hotels revised for the period January 1929-July 1935, inclusive, see p. 20 of the September 1935 issue. For revised data on employment in wholesale and retail trade for 1930-34, see p. 20 of the March 1935 issue. For labor turn-over see p. 20 of the April 1935 issue. Industrial disputes revised for 1935. See p. 29 of the April 1936 and p. 23 of the May 1936 issues.

‡ Figures represent the condition as of the end of the month shown. This method has been followed since September 1932. Figures shown previous to that date in the Survey are as of the first of the month. They were published as of the first of the following month by the Department of Agriculture.

§ Data have been revised for the period January 1933-September 1935. Revisions not shown in the November 1935 issue appeared on p. 16 of the January 1936 issue.

▲ The revised series on dyeing and cleaning and laundry employment shown in the August 1935 issue have been dropped by the B. L. S. and the publication of the original series resumed in the September 1935 issue.

⊙ Changes in procedures affecting the organization of the active file resulted in the decline during June 1936.

⊙ Data revised for the period 1924 to date. For revisions see p. 17 of this issue.

Monthly statistics through December, 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936		1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	
EMPLOYMENT CONDITIONS AND WAGES—Continued														
PAY ROLLS—Continued														
Factory unadjusted—Continued.														
Durable goods group—Continued.														
Machinery.....1923-25=100..	88.6	71.2	75.2	78.4	78.9	80.7	78.3	79.2	82.2	86.3	89.6	90.6	* 87.6	
Agricultural implements.....1923-25=100..	112.1	137.5	136.8	138.1	145.0	155.2	162.0	165.3	171.0	172.5	168.8	156.5	130.5	
Electrical machinery, etc.....1923-25=100..	72.4	57.8	62.1	65.2	64.6	65.1	61.3	61.0	63.7	68.6	71.1	73.0	72.6	
Foundry and machine shop products.....1923-25=100..	79.7	60.0	62.2	64.6	65.3	68.5	66.7	68.3	71.6	75.4	78.4	79.6	77.4	
Radios and phonographs.....1923-25=100..	173.6	136.9	166.3	185.8	179.8	143.7	126.2	114.0	109.7	118.0	141.9	162.0	149.9	
Metals, nonferrous.....1923-25=100..	73.0	64.7	70.9	78.4	78.5	79.4	72.7	72.4	73.9	74.0	75.2	76.1	73.6	
Aluminum manufactures.....1923-25=100..	86.1	65.8	69.6	76.0	77.0	76.7	74.6	76.7	79.9	78.7	78.8	80.9	82.5	
Brass, bronze, copper products.....1923-25=100..	78.1	61.1	65.8	72.5	72.9	73.4	71.3	70.3	69.9	70.8	73.3	73.2	72.3	
Stamped and enameled ware.....1923-25=100..	97.9	82.3	89.8	99.9	101.0	102.8	90.8	90.7	96.4	101.1	97.3	98.8	91.9	
Railroad repair shops.....1923-25=100..	59.5	49.0	49.1	53.1	54.5	57.1	52.2	57.8	63.1	60.6	61.6	62.3	58.0	
Electric railroads.....1923-25=100..	61.0	59.6	59.1	60.0	59.3	61.8	60.8	62.5	63.6	62.5	62.7	61.9	61.7	
Steam railroads.....1923-25=100..	59.5	48.3	48.5	52.7	54.2	56.9	51.7	57.6	63.2	60.6	61.6	62.4	57.8	
Stone, clay, and glass products.....1923-25=100..	51.6	40.9	42.2	44.5	43.9	44.6	38.0	38.7	43.5	46.9	49.3	49.5	48.8	
Brick, tile, and terra cotta.....1923-25=100..	32.1	21.2	22.5	24.0	23.4	23.3	20.0	19.4	22.4	25.8	29.5	31.4	31.3	
Cement.....1923-25=100..	48.8	35.8	35.2	35.1	33.3	31.1	23.4	23.8	31.8	38.3	44.0	45.5	46.9	
Glass.....1923-25=100..	94.6	82.3	85.6	90.9	91.2	94.2	82.3	83.8	89.1	92.1	93.0	91.9	89.1	
Transportation equipment.....1923-25=100..	83.5	65.4	60.0	73.9	92.1	92.9	80.2	77.8	87.7	100.5	102.4	99.5	93.3	
Automobiles.....1923-25=100..	85.2	72.2	64.6	87.5	104.5	103.8	95.7	83.9	94.4	109.1	111.1	107.1	99.5	
Cars, electric and steam.....1923-25=100..	74.2	30.7	31.0	38.7	44.6	51.0	47.9	51.7	59.8	68.1	67.2	70.2	65.7	
Shipbuilding.....1923-25=100..	93.1	61.5	65.6	70.4	73.5	77.2	77.2	75.3	85.0	95.6	95.6	91.8	92.5	
Nondurable goods group*.....1923-25=100..	91.3	83.4	87.1	86.2	82.7	85.0	82.4	82.8	84.9	83.3	83.4	83.3	85.2	
Chemicals and products.....1923-25=100..	105.8	97.0	99.0	100.6	99.1	100.8	97.9	97.5	102.4	101.3	102.9	102.6	* 103.5	
Chemicals.....1923-25=100..	113.0	100.8	98.8	100.1	101.9	102.1	99.7	99.9	103.0	104.9	107.0	108.9	110.5	
Druggists' preparations.....1923-25=100..	98.8	92.0	97.3	99.9	94.7	97.2	95.3	94.2	100.0	95.0	95.9	93.3	91.6	
Paints and varnishes.....1923-25=100..	99.7	87.8	89.5	94.8	94.0	93.7	91.8	93.5	95.9	100.7	106.0	106.6	100.4	
Petroleum refining.....1923-25=100..	107.5	102.5	102.8	102.2	98.8	104.0	99.5	98.5	103.0	101.7	103.4	105.6	* 107.8	
Rayon and products.....1923-25=100..	264.6	253.4	264.1	263.5	263.3	263.0	264.4	260.8	267.3	254.9	259.0	262.4	272.8	
Food and products.....1923-25=100..	110.1	100.9	105.5	98.0	91.9	90.5	87.3	84.7	87.5	87.7	92.7	95.8	103.6	
Baking.....1923-25=100..	106.9	95.7	101.6	100.8	99.7	99.4	99.0	99.8	100.9	100.4	104.1	106.0	106.9	
Beverages.....1923-25=100..	213.7	189.8	171.0	157.7	151.2	147.4	147.0	143.3	162.4	168.0	192.9	198.6	239.7	
Slaughtering, meat packing.....1923-25=100..	86.4	73.2	74.1	75.6	77.7	79.7	81.6	73.8	74.1	73.6	77.6	80.2	85.6	
Leather and products.....1923-25=100..	82.7	81.7	76.9	73.8	66.6	75.4	79.1	78.8	75.5	69.9	65.9	66.7	76.5	
Boots and shoes.....1923-25=100..	77.4	77.7	71.1	65.9	56.1	66.7	72.7	74.5	69.7	62.4	56.8	58.2	70.8	
Leather.....1923-25=100..	99.5	94.2	95.2	99.4	101.4	103.7	99.7	96.6	93.8	94.5	95.9	94.6	91.7	
Paper and printing.....1923-25=100..	90.7	83.0	86.2	88.2	88.0	91.8	83.2	88.9	90.5	91.1	91.9	90.5	87.7	
Paper and pulp.....1923-25=100..	97.7	87.2	90.7	93.3	91.7	94.4	91.7	93.4	94.9	96.2	97.0	95.8	93.2	
Rubber products.....1923-25=100..	80.3	64.3	68.8	70.8	70.3	73.5	70.2	69.8	63.0	74.0	76.8	79.0	77.0	
Rubber tires and tubes.....1923-25=100..	72.6	55.8	59.0	59.0	59.9	63.8	59.9	60.2	47.4	63.2	68.2	70.9	70.0	
Textiles and products.....1923-25=100..	85.8	78.9	84.6	84.5	79.7	81.9	79.1	81.1	84.3	80.0	77.0	75.7	* 76.2	
Fabrics.....1923-25=100..	84.3	76.5	80.4	83.3	82.6	85.3	80.0	79.9	80.0	78.3	76.4	76.5	* 78.4	
Wearing apparel.....1923-25=100..	83.7	78.8	87.8	81.8	69.2	79.5	72.6	78.6	87.6	78.7	73.8	69.6	67.4	
Tobacco manufactures.....1923-25=100..	51.5	46.6	49.4	50.5	48.9	49.6	41.7	43.4	44.9	42.6	46.8	48.3	49.2	
Factory by cities:														
Baltimore.....1929-31=100..	93.5	77.1	81.6	80.4	79.3	80.0	78.1	80.3	80.9	85.4	91.3	92.9	92.7	
Chicago.....1925-27=100..	58.5	46.7	48.8	49.6	48.9	50.6	51.2	51.1	52.2	52.3	54.2	55.7	56.4	
Milwaukee.....1925-27=100..	89.5	77.5	82.6	82.7	84.5	86.7	84.5	81.2	87.0	89.3	89.5	91.5	87.6	
New York.....1925-27=100..	68.1	62.3	67.1	66.7	62.4	64.5	63.6	63.9	69.1	65.0	63.4	61.2	62.4	
Philadelphia*.....1923-25=100..	88.2	76.4	79.6	81.0	79.7	80.4	78.2	78.2	80.0	76.8	79.8	81.1	* 82.1	
Pittsburgh*.....1923-25=100..	96.8	65.8	67.0	76.2	74.5	71.5	71.4	73.9	73.5	88.7	99.3	94.4	* 93.3	
Factory by States:														
Delaware.....1923-25=100..	87.6	70.8	79.5	70.4	69.2	72.3	71.9	70.5	69.9	70.8	73.5	76.9	* 79.4	
Illinois.....1925-27=100..	66.4	53.5	55.6	56.0	56.5	58.4	57.4	58.3	60.8	61.3	62.8	61.4	63.8	
Maryland.....1929-31=100..	96.4	80.6	85.5	84.9	82.5	83.0	81.9	83.3	84.4	88.4	93.2	94.2	94.2	
Massachusetts*.....1925-27=100..	70.1	61.5	61.8	65.9	62.4	66.8	64.8	65.9	65.3	66.0	65.4	61.0	66.6	
New Jersey.....1923-25=100..	72.0	63.3	64.8	67.6	68.1	68.1	65.2	65.0	66.4	67.4	68.8	70.0	69.4	
New York.....1925-27=100..	71.0	62.5	65.9	66.3	64.3	65.9	64.4	61.5	67.2	66.4	66.6	66.3	67.5	
Pennsylvania.....1923-25=100..	81.1	63.9	65.0	70.3	68.5	68.8	66.0	67.2	69.0	72.8	74.4	* 76.2	* 76.2	
Wisconsin.....1925-27=100..	82.6	74.3	78.1	77.1	75.8	77.3	75.2	74.0	79.2	79.0	80.4	81.8	79.7	
Nonmanufacturing (B. L. S.):														
Mining:														
Anthracite.....1929=100..	31.3	28.3	38.2	55.9	28.4	55.4	54.4	76.7	42.6	28.6	56.3	42.0	37.2	
Bituminous coal.....1929=100..	63.8	45.8	60.1	69.8	65.5	69.5	70.6	78.4	70.2	62.6	62.2	61.6	62.6	
Metalliferous.....1929=100..	48.1	33.4	35.4	33.7	39.6	43.2	41.7	42.8	45.1	45.5	47.7	48.2	46.1	
Petroleum, crude production.....1929=100..	60.6	58.9	60.9	57.9	57.2	59.9	55.7	55.7	55.9	56.9	58.0	58.5	60.7	
Quarrying and nonmetallic.....1929=100..	46.2	36.3	35.4	36.5	32.1	29.7	25.5	23.9	30.9	36.1	42.1	43.9	43.9	
Public utilities:														
Electric light and power and manu- factured gas.....1929=100..	89.9	82.8	84.5	84.4	83.4	86.0	84.8	84.7	85.9	86.2	87.0	88.1	89.8	
Electric railroads.....1929=100..	66.4	63.3	64.0	64.1	63.8	66.1	65.0	68.3	67.8	65.9	66.1	66.8	66.5	
Telephone and telegraph.....1929=100..	62.0	75.5	73.8	74.9	74.9	75.6	75.0	76.2	77.2	76.0	78.5	77.4	79.9	
Trade:														
Retail.....1929=100..	64.4	59.3	62.5	63.2	63.4	69.3	62.1	61.6	63.5	65.3	65.8	66.4	65.1	
Wholesale.....1929=100..	69.6	61.8	67.2	66.8	66.9	68.6	66.6	66.6	69.0	67.9	68.2	68.4	69.6	
Miscellaneous:														
Dyeing and cleaning*.....1929=100..	63.2	58.2	63.1	61.1	55.4	52.9	51.6	49.0	56.4	64.2	72.2	69.2	61.8	
Hotels.....1929=100..	66.0	62.0	63.1	64.3	64.8	64.2	61.9	66.5	66.0	66.3	67.0	66.6	66.0	
Laundries*.....1929=100..	76.5	69.2	67.9	67.1	66.7	67.5	68.3	67.8	69.9	70.9	75.6	75.8	79.0	

* Revised.

* For earlier data on the following subjects, refer to the indicated pages of the monthly issues as follows: Pay rolls, Baltimore, p. 18, December 1932; pay rolls, Chicago, p. 20, June 1933; pay rolls, Milwaukee, p. 18, December 1932; pay rolls, New York, p. 29, June 1933; pay rolls, Philadelphia, p. 18, December 1932; pay rolls, Pittsburgh, p. 18, January 1934; pay rolls, Maryland and Massachusetts, p. 18, December 1932; pay rolls in dyeing and cleaning establishments and laundries, p. 19, June 1933. Data on pay rolls for nondurable goods industries for the period January 1923-June 1935 are shown on p. 19 of the August 1935 issue.

† Revised series. For revisions on

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July

EMPLOYMENT CONDITIONS AND WAGES—Continued

WAGES—EARNINGS AND RATES													
Factory, weekly earnings (25 industries):*†													
All wage earners.....dollars..	24.66	22.46	22.54	23.13	23.32	23.38	23.40	23.14	23.67	24.33	24.41	24.45	24.23
Male:													
Skilled and semiskilled.....dollars..	27.48	25.15	24.98	25.83	26.08	26.32	26.40	26.05	26.43	27.18	27.32	27.31	26.88
Unskilled.....dollars..	20.04	18.30	18.68	19.33	19.46	19.40	19.01	18.68	19.14	19.60	19.67	19.74	19.56
Female.....dollars..	15.93	15.36	15.55	15.57	15.59	15.72	15.12	15.38	15.24	15.15	14.98	15.00	15.14
All wage earners.....1923=100..	92.7	84.4	84.7	86.9	87.6	87.9	87.9	87.0	89.0	91.4	91.7	91.9	91.1
Male:													
Skilled and semiskilled.....1923=100..	89.2	81.6	81.1	83.8	84.6	85.4	85.7	84.6	85.8	88.2	88.7	88.6	87.8
Unskilled.....1923=100..	89.9	82.1	83.8	86.8	87.3	87.1	85.3	83.8	85.9	88.0	88.3	88.6	87.2
Female.....1923=100..	92.4	89.1	90.2	90.4	90.4	91.2	87.7	89.2	88.4	87.9	86.9	87.0	87.8
Factory, av. hourly earnings (25 indus- tries):*†													
All wage earners.....dollars..	.616	.603	.601	.602	.605	.604	.608	.608	.611	.613	.616	.617	.617
Male:													
Skilled and semiskilled.....dollars..	.683	.665	.665	.665	.667	.667	.673	.671	.676	.680	.684	.685	.684
Unskilled.....dollars..	.495	.493	.492	.496	.501	.500	.492	.489	.493	.496	.498	.496	.498
Female.....dollars..	.429	.437	.435	.435	.435	.433	.431	.430	.429	.430	.432	.429	.428
Factory, weekly earnings, by States:													
Delaware.....1923-25=100..	81.6	72.6	77.3	80.1	82.5	85.1	84.4	83.4	83.1	84.6	85.8	85.8	* 84.4
Illinois.....1925-27=100..	84.4	78.3	79.2	80.9	80.0	82.2	81.7	81.9	84.2	83.5	84.2	85.0	84.1
Massachusetts†.....1925-27=100..	89.6	85.9	86.8	86.1	81.8	87.4	87.1	87.4	87.2	88.5	88.3	87.2	88.3
New Jersey.....1923-25=100..	99.5	93.1	92.7	94.2	94.4	96.2	95.4	95.4	97.1	97.9	99.0	98.6	98.5
New York.....1925-27=100..	89.0	84.7	85.7	85.2	83.7	86.4	85.7	85.6	87.0	85.7	85.9	86.3	87.2
Pennsylvania.....1923-25=100..	95.0	83.0	82.9	87.1	86.0	86.3	85.0	85.9	87.7	91.9	92.6	93.2	* 91.5
Wisconsin.....1925-27=100..	88.4	81.2	85.9	84.8	84.5	87.9	86.2	83.4	88.4	87.9	87.7	88.0	83.2
Miscellaneous data:													
Construction wage rates:‡													
Common labor (E. N. R.)...dol. per hour..	.569	.529	.529	.529	.528	.528	.547	.547	.547	.552	.558	.561	.554
Skilled labor (E. N. R.)...dol. per hour..	1.16	1.08	1.08	1.10	1.10	1.10	1.12	1.12	1.13	1.13	1.14	1.14	1.15
Farm wages, without board (quarterly) dol. per month.....			30.38			28.63			30.87			32.21	
Railroads, wages.....dol. per hour.....		.658	.669	.667	.682	.685	.680	.692	.692	.669	.669	.663	
Road-building wages, common labor:§													
United States.....dol. per hour.....	.41	.42	.42	.42	.42	.41	.40	.38	.37	.38	.42	.42	.42
East North Central.....dol. per hour.....	.54	.54	.54	.54	.55	.55	.58	.60	.62	.57	.56	.54	.56
East South Central.....dol. per hour.....	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30
Middle Atlantic.....dol. per hour.....	.47	.43	.43	.44	.44	.44	.44	.46	.48	.46	.45	.46	.46
Mountain States.....dol. per hour.....	.57	.57	.57	.57	.57	.56	.55	.54	.55	.55	.57	.56	.56
New England.....dol. per hour.....	.49	.44	.46	.46	.47	.48	.48	.50	.50	.52	.48	.47	.50
Pacific States.....dol. per hour.....	.51	.57	.57	.58	.59	.60	.60	.57	.59	.57	.55	.55	.54
South Atlantic.....dol. per hour.....	.32	.31	.31	.32	.32	.33	.31	.33	.32	.33	.34	.33	.33
West North Central.....dol. per hour.....	.50	.47	.47	.47	.48	.48	.48	.49	.47	.46	.48	.49	.49
West South Central.....dol. per hour.....	.34	.36	.36	.36	.36	.36	.37	.36	.36	.37	.36	.36	.36
Steel industry:													
U. S. Steel Corporation.....dol. per hour..	.485	.485	.485	.485	.485	.485	.485	.485	.485	.485	.485	.485	.485
Youngstown district....percent base scale..	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0

FINANCE

BANKING													
Acceptances and com'l paper outstanding:													
Bankers' acceptances, total.....mills. of dol..	308	322	328	363	387	397	384	377	359	344	331	316	316
Held by Federal Reserve banks:													
For own account.....mills. of dol..													
For foreign correspondents.....mills. of dol..													
Held by group of accepting banks, total.....mills. of dol..	279	292	301	339	358	368	353	340	321	310	297	276	278
Own bills.....mills. of dol..	140	145	148	178	182	183	181	172	150	143	155	129	131
Purchased bills.....mills. of dol..	139	147	154	161	175	185	172	168	171	167	142	147	147
Held by others.....mills. of dol..	29	30	27	24	29	29	31	37	38	34	34	40	37
Com'l paper outstanding.....mills. of dol..	205	177	183	180	178	172	178	176	180	174	184	169	188
Agricultural loans outstanding:													
Farm mortgages:													
Federal land banks.....mills. of dol..	2,067	2,036	2,047	2,059	2,056	2,072	2,066	2,059	2,050	2,062	2,063	2,064	2,055
Joint stock-land banks.....mills. of dol..	145	195	190	184	180	176	170	166	162	158	154	151	147
Land-bank commissioner*.....mills. of dol..	832	755	765	777	786	795	803	811	818	823	827	827	829
Federal intermediate credit bank loans to and discounts for:▲													
Regional agricultural credit corp's and production credit ass'ns.....mills. of dol..	144	125	115	101	100	105	105	111	123	133	140	144	146
All other institutions.....mills. of dol..	53	64	60	53	60	49	48	49	50	52	53	53	53
Other loans:													
Agricultural marketing act revolving fund loans to cooperatives†.....mills. of dol..	44	46	47	46	45	44	44	44	44	44	42	45	44
Banks for cooperatives, incl. Central Bank*.....mills. of dol..	44	31	43	48	51	50	47	43	41	40	40	40	43
Emergency crop loans*.....mills. of dol..	111	125	122	114	109	107	105	104	104	112	114	114	112
Prod. cred. ass'ns*.....mills. of dol..	136	109	101	93	92	94	96	103	116	128	135	139	141
Regional ag. credit corp.*.....mills. of dol..	33	65	59	52	46	43	41	41	40	39	38	36	35

* Revised.

† Revised series. For revisions on the following subjects, refer to the indicated pages of the monthly issues: Massachusetts weekly earnings for 1931, p. 19, August 1933; and for 1932-34, p. 20, September 1935. Certain classes of loans included in the figures shown through May 1934 have been reclassified and removed from the agricultural category.

§ Construction wage rates as of September 1, 1936—common labor, \$0.569; skilled labor, \$1.16.

* Beginning with March 1932 data are based on Federal-aid and State projects; before that time the data are based on Federal-aid projects.

† Joint-stock land banks in liquidation.

* New series. For earlier data on the following subjects, refer to the indicated pages of the monthly issues as follows: Factory weekly earnings for period of January 1927 through August 1932, p. 20, October 1932; factory hourly earnings for January 1926-December 1931, p. 18, December 1932; weekly earnings Massachusetts for January 1926-December 1931, p. 18, December 1932; construction wage rates for January 1922-July 1933, p. 19, September 1933. Additional series on agricultural loans were first included in the June 1934 issue for land-bank commissioner for period July 1933-April 1934. Additional series were also included in this issue for banks for cooperatives including central bank and production credit associations for the period October 1923-April 1934, and emergency crop loans and regional agricultural credit corporations for April 1933-April 1934. Data for emergency crop loans for fiscal years from June 1922-June 1931 and monthly periods January 1932-March 1933 and regional credit corporations for October 1932-March 1933 will be shown in a subsequent issue.

▲ Break-down of figures shown in issues up to November 1934.

* Data revised for the period 1924 to date. For revisions see pp. 17, 18, and 19 of this issue.

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936		1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	
FINANCE—Continued														
BANKING—Continued														
Bank debits, total.....mills. of dol.	31,469	30,268	29,031	32,577	32,227	36,360	35,424	31,572	37,496	34,783	33,225	37,505	34,816	
New York City.....mills. of dol.	14,362	14,732	14,014	15,733	15,542	17,684	17,925	15,806	19,629	17,286	16,227	18,623	16,199	
Outside New York City.....mills. of dol.	17,106	15,536	15,016	16,844	16,685	18,676	17,499	15,766	17,867	17,497	16,998	18,882	18,617	
Brokers' loans:														
Reported by N. Y. Stock Exchange														
Ratio to market value.....percent.	1.79	1.94	1.93	1.84	1.88	2.00	1.84	1.81	1.93	2.23	1.94	1.94	1.79	
By reporting member banks:														
To brokers and dealers in N. Y.*														
To brokers and dealers outside N. Y.*														
Federal Reserve banks:														
Assets, total.....mills. of dol.	11,621	9,749	9,872	10,416	10,780	11,026	11,088	11,094	11,127	11,184	11,266	11,571	11,629	
Reserve bank credit outstanding														
Bills bought.....mills. of dol.	2,470	2,485	2,477	2,482	2,480	2,486	2,479	2,482	2,473	2,475	2,474	2,472	2,462	
Bills discounted.....mills. of dol.	3	5	5	5	5	5	5	5	5	5	3	3	3	
United States securities.....mills. of dol.	8	11	10	6	6	6	9	7	8	5	5	4	4	
Reserves, total.....mills. of dol.	2,430	2,432	2,430	2,430	2,430	2,431	2,430	2,430	2,430	2,430	2,430	2,430	2,430	
Gold reserves\$.....mills. of dol.	8,579	6,716	6,838	7,285	7,566	7,835	8,006	8,021	8,027	8,049	8,132	8,385	8,593	
Liabilities, total.....mills. of dol.	8,321	6,502	6,633	7,053	7,347	7,571	7,668	7,685	7,680	7,717	7,837	8,119	8,210	
Deposits, total.....mills. of dol.	11,621	9,749	9,872	10,416	10,780	11,026	11,088	11,094	11,127	11,184	11,266	11,572	11,629	
Member bank reserves.....mills. of dol.	6,809	5,562	5,613	5,999	6,166	6,386	6,617	6,535	6,497	6,524	6,574	6,585	6,758	
Excess reserves (est.)*.....mills. of dol.	6,410	5,305	5,254	5,648	5,833	5,587	5,860	5,784	5,687	5,486	5,719	5,933	6,065	
Notes in circulation.....mills. of dol.	1,950	2,708	2,600	2,970	3,100	2,844	3,084	2,986	2,365	2,664	2,866	2,717	2,020	
Reserve ratio.....percent.	4.018	3.399	3.474	3.532	3.647	3.709	3.633	3.732	3.764	3.762	3.795	4.034	3.978	
Federal Reserve reporting member banks:	79.3	74.9	75.3	76.4	77.1	77.6	78.1	78.1	78.2	78.3	78.4	79.0	79.2	
Deposits:														
Demand, adjusted†.....mills. of dol.	14,867	13,263	13,246	13,598	14,018	13,887	14,017	14,090	13,578	14,258	14,580	14,679	14,850	
Time.....mills. of dol.	5,032	4,839	4,890	4,890	4,872	4,911	4,888	4,900	4,909	5,047	5,035	5,011	5,015	
Investments.....mills. of dol.	13,509	12,022	12,390	12,476	12,480	12,646	12,996	13,047	13,229	13,452	13,522	14,139	14,684	
U. S. Gov., total direct obligations*														
U. S. Gov. guaranteed issues*														
Other securities*.....mills. of dol.	1,236	1,035	1,094	1,133	1,137	1,126	1,172	1,201	1,265	1,281	1,305	1,289	1,272	
Loans, total.....mills. of dol.	3,310	3,110	3,113	3,166	3,042	3,052	3,169	3,156	3,321	3,369	3,368	3,366	3,355	
Acceptances and commercial paper*	8,454	7,817	8,030	7,902	8,152	8,249	7,999	7,959	8,362	8,343	8,626	8,460	8,294	
On real estate*.....mills. of dol.	318	310	324	329	353	362	360	349	352	346	315	315	319	
To banks.....mills. of dol.	1,145	1,135	1,144	1,146	1,140	1,136	1,142	1,146	1,144	1,141	1,147	1,143	1,144	
On securities.....mills. of dol.	65	75	87	81	150	76	65	66	68	67	92	62	58	
Other loans*.....mills. of dol.	3,177	3,099	3,095	3,006	3,108	3,274	3,128	3,117	3,313	3,304	3,486	3,319	2,775	
Interest rates:														
Acceptances, bankers' prime.....percent.	3 1/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3 1/8-3 1/4	
Bank rates to customers*:														
In New York City.....percent.	2.42	2.67	2.72	2.72	2.77	2.61	2.64	2.56	2.61	2.54	2.51	2.44	2.44	
In eight other northern and eastern cities.....percent.	3.47	3.79	3.75	3.75	3.63	3.67	3.62	3.63	3.60	3.47	3.45	3.51	3.61	
In twenty-seven southern and western cities.....percent.	4.25	4.63	4.51	4.55	4.51	4.55	4.47	4.51	4.44	4.40	4.43	4.29	4.35	
Call loans, renewal.....percent.	1.00	.25	.25	.29	.75	.75	.75	.75	.75	.75	.93	1.00	1.00	
Com'l paper, prime (4-6 mos.).....percent.	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	
Discount rate, N. Y. F. R. Bank.....percent.	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
Federal Land bank loans*.....percent.	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	
Intermediate credit bank loans.....percent.	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	
Time loans, 90 days.....percent.	1 1/4	1 1/4	1 1/4	1 1/4	1	1	1	1	1	1	1-1 1/4	1 1/4	1 1/4	
Savings deposits:														
New York State Savings banks														
U. S. Postal Savings:														
Bal. to credit of depositors.....thous. of dol.	1,249,214	1,191,754	1,191,677	1,196,427	1,198,966	1,201,304	1,207,971	1,213,765	1,215,811	1,215,173	*1,214,095	*1,231,616	1,214,232	
Bal. on deposit in banks.....thous. of dol.	149,132	347,870	318,513	305,778	293,598	286,588	243,702	224,467	220,578	216,124	*211,251	*203,010	155,628	
FAILURES														
Commercial failures:														
Grand total.....number..	655	884	787	1,056	898	910	1,077	856	946	830	832	773	639	
Commercial service, total.....number..	37	48	46	58	47	53	59	41	47	38	35	43	34	
Construction, total.....number..	36	53	38	74	58	54	51	36	51	32	46	36	42	
Manufacturing, total.....number..	164	132	143	210	169	180	174	137	158	161	149	143	131	
Chemicals and drugs.....number..	6	1	9	6	8	10	10	3	2	5	5	11	4	
Food products.....number..	20	43	45	57	38	35	40	34	50	37	33	35	37	
Forest products.....number..	6	9	6	16	12	11	18	13	11	12	11	11	6	
Fuels.....number..	1	2	5	6	1	7	-----	3	3	4	2	3	6	
Iron and steel.....number..	6	6	5	13	9	8	8	6	5	7	9	5	6	
Leather and leather products.....number..	2	-----	8	10	10	7	8	4	4	9	7	8	8	
Machinery.....number..	7	6	3	12	11	8	5	12	6	2	6	7	5	
Paper, printing, and publishing.....number..	10	10	12	13	10	12	12	8	17	13	17	13	7	

* Revised.

*New series. For earlier data on the following subjects, refer to the indicated pages of the monthly issues. New series on "Brokers' Loans" for the period January 1929-December 1935 are shown on p. 19 of the March 1936 issue. For new series on bank rates to customers see p. 19 of the March 1936 issue. For new series on interest rates of Federal land banks see p. 20 of the April 1935 issue. Data on excess reserves for the period Sept. 1, 1931-April 1936 are shown on p. 20 of the July 1936 issue. See footnote below on break-down of investments and total loans. Monthly data previous to October 1931 not available. Data on acceptances and commercial paper, on real estate, to banks and other loans represent a break-down of the "All other" loans total which was published prior to Oct. 1, 1935.

†Figures subsequent to December 1933 represent gold certificates on hand and due from Treasury, plus redemption fund.

‡Method of computing net demand deposits subject to reserve was changed by the "Banking Act of 1933" approved Aug. 23, 1935. Consequently figures since that date are not comparable with those for earlier periods. Data for months August 1934-August 1935 were incorrectly shown in the October 1935 issue.

§Data on Federal Reserve Reporting Member Banks represent operations in 101 leading cities. These series, according to a statement in the Federal Reserve Bulletin for November 1935, in the main, represent a continuation of the 101 city series published prior to the bank holiday. It is pointed out that although the banking crisis and subsequent developments affected these series considerably, the data reflect the course of banking developments during the disturbed period. Data on 101 cities were last shown in the May 1933 Survey for February 1933. Figures on the new basis not shown on p. 32 of the December, 1935 issue will appear in a subsequent issue.

¶Classifications have been changed and revised data prepared beginning with January 1934. These data are shown on p. 20 of the May 1936 issue.

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July

FINANCE—Continued

FAILURES†—Continued														
Commercial failures—Continued.														
Grand total—Continued.														
Manufacturing, total—Continued.														
Stone, clay, and glass products														
	number..	2	10	1	5	5	6	5	1	7	4	1	2	6
Textiles	number..	18	32	30	48	39	47	39	30	27	48	26	27	22
Transportation equipment	number..	3	3	2	6	3	1	4	2	3	2	8	1	2
Miscellaneous	number..	13	10	17	18	23	28	25	21	23	18	21	20	22
Wholesale trade, total	number..	70	94	71	81	65	75	89	98	88	93	72	72	67
Retail trade, total	number..	408	557	489	633	559	548	704	544	602	566	533	479	365
Liabilities:														
Grand total	thous. of dol.	8,271	13,266	17,662	17,185	14,384	15,686	13,104	14,089	16,271	14,157	15,375	9,177	9,904
Commercial service, total	thous. of dol.	502	469	2,602	1,187	731	2,339	1,867	404	650	567	494	638	1,314
Construction, total	thous. of dol.	1,498	1,471	1,185	2,792	2,948	1,971	2,435	1,819	4,484	1,570	4,816	1,050	1,873
Manufacturing, total	thous. of dol.	1,852	4,297	2,810	4,984	3,954	4,358	5,534	3,360	4,371	4,959	2,709	2,541	2,347
Chemicals and drugs	thous. of dol.	255	8	260	122	442	196	184	12	21	108	90	95	51
Food	thous. of dol.	316	802	1,029	1,638	967	645	1,588	1,164	707	762	389	569	329
Forest products	thous. of dol.	269	322	71	1,026	195	905	925	340	248	169	264	394	62
Fuels	thous. of dol.	45	587	58	77	4	831	99	21	122	94	78	84	84
Iron and steel	thous. of dol.	112	891	65	210	52	198	95	227	90	164	124	162	586
Leather and leather products	thous. of dol.	33	275	275	175	143	71	403	49	51	140	108	244	128
Machinery	thous. of dol.	265	275	30	103	404	128	61	125	218	93	128	228	129
Paper, printing, and publishing	thous. of dol.	173	110	94	463	129	186	102	246	322	1,020	374	147	112
Stone, clay, and glass products	thous. of dol.	12	385	8	268	63	103	265	4	146	808	4	7	94
Textiles	thous. of dol.	253	856	617	1,171	715	763	1,779	828	568	625	406	356	373
Transportation equipment	thous. of dol.	161	36	132	68	353	10	72	12	47	110	517	8	83
Miscellaneous	thous. of dol.	151	115	201	195	487	316	360	254	407	848	211	313	316
Retail trade, total	thous. of dol.	3,255	5,220	8,539	5,904	5,371	4,777	6,245	6,651	5,503	5,581	5,933	3,535	3,197
Wholesale trade, total	thous. of dol.	1,104	1,809	1,836	2,313	1,380	1,611	1,723	1,855	1,263	1,480	1,423	1,413	1,173
LIFE INSURANCE														
(Association of Life Insurance Presidents)														
Assets, admitted, total	mills. of dol.	18,786	18,827	18,690	19,109	19,196	19,328	19,423	19,545	19,627	19,732	19,835	19,835	19,835
Mortgage loans	mills. of dol.	4,552	4,517	4,502	4,480	4,448	4,420	4,383	4,348	4,325	4,304	4,288	4,288	4,288
Farm	mills. of dol.	831	821	820	812	807	799	789	776	768	762	754	754	754
Other	mills. of dol.	3,721	3,696	3,682	3,608	3,641	3,621	3,594	3,572	3,557	3,542	3,534	3,534	3,534
Bonds and stocks held (book value)	mills. of dol.	8,639	8,693	8,854	8,945	9,161	9,242	9,265	9,468	9,565	9,697	9,855	9,855	9,855
Government	mills. of dol.	3,318	3,385	3,515	3,599	3,891	3,889	3,807	4,039	4,099	4,193	4,317	4,317	4,317
Public utility	mills. of dol.	1,998	1,979	1,997	2,015	2,015	1,992	1,987	2,041	2,061	2,067	2,079	2,079	2,079
Railroad	mills. of dol.	2,627	2,633	2,635	2,622	2,596	2,604	2,604	2,614	2,636	2,659	2,664	2,664	2,664
Other	mills. of dol.	696	696	707	709	749	751	767	774	769	778	795	795	795
Policy loans and premium notes	mills. of dol.	2,813	2,807	2,797	2,786	2,777	2,766	2,756	2,748	2,741	2,734	2,726	2,726	2,726
Insurance written:†	mills. of dol.	1,003	1,020	941	1,228	1,046	1,033	948	995	1,149	1,113	1,096	1,080	1,045
Policies and certificates*	thousands.	29	24	20	26	25	65	30	24	32	30	47	37	55
Group	thousands.	771	764	716	934	775	692	703	769	890	868	821	805	767
Industrial	thousands.	202	233	204	267	246	276	215	202	227	216	220	238	224
Ordinary*	thousands.	669,685	646,371	569,418	724,413	696,074	782,259	678,006	661,473	772,355	739,807	749,374	767,978	748,389
Value, total*	thous. of dol.	29,540	26,524	22,501	31,338	36,981	74,606	40,981	56,213	37,214	59,130	42,095	79,323	79,323
Group	thous. of dol.	221,692	208,508	193,044	235,988	207,408	187,874	193,344	212,055	246,010	244,356	230,465	233,333	220,672
Industrial	thous. of dol.	468,483	411,338	356,873	459,687	451,685	519,770	443,681	418,920	470,132	458,237	450,779	402,550	448,394
Ordinary*	thous. of dol.	240,321	225,617	248,754	251,726	349,963	286,015	252,542	262,080	250,149	252,626	254,041	254,041	254,041
Premium collections†	thous. of dol.	32,501	24,716	31,413	33,624	64,656	52,382	26,254	31,136	30,837	30,638	27,871	27,871	27,871
Annuities	thous. of dol.	9,281	8,537	8,546	8,515	10,681	10,836	9,452	9,791	10,679	9,365	9,700	9,700	9,700
Group	thous. of dol.	51,561	53,441	49,789	54,002	94,212	53,805	50,245	58,223	47,959	55,009	58,926	58,926	58,926
Industrial	thous. of dol.	146,888	138,423	157,003	155,585	180,354	168,992	160,591	162,880	160,674	157,614	157,544	157,544	157,544
Ordinary	thous. of dol.	240,321	225,617	248,754	251,726	349,963	286,015	252,542	262,080	250,149	252,626	254,041	254,041	254,041
(Life Insurance Sales Research Bureau)														
Insurance written, ordinary, total	mills. of dol.	452	456	414	502	495	576	479	460	525	506	504	533	513
Eastern district	mills. of dol.	175	183	168	215	208	233	203	198	222	210	211	224	208
Far Western district	mills. of dol.	56	50	44	51	51	64	49	47	56	56	54	58	57
Southern district	mills. of dol.	57	57	53	60	60	69	54	52	62	62	60	62	63
Western district	mills. of dol.	164	166	149	176	176	210	173	163	185	178	179	189	185
Lapse rates—1925-26=100..		797	805	801	802	802	802	802	803	798	798	797	797	798
MONETARY STATISTICS														
Foreign exchange rates:‡														
Argentina*	dol. per paper peso..	.335	.331	.329	.327	.328	.329	.331	.333	.331	.330	.331	.334	.335
Belgium	dol. per belga..	.169	.169	.169	.168	.169	.169	.169	.170	.170	.169	.169	.169	.169
Brazil	dol. per milreis..	.085	.084	.083	.084	.084	.084	.084	.084	.085	.086	.086	.086	.085
Canada	dol. per Canadian dol.	1.000	.998	.993	.986	.989	.990	.990	1.001	.998	.995	.998	.997	.999
Chile†	dol. per peso..	.052	.051	.051	.051	.051	.051	.051	.051	.051	.051	.051	.051	.051
England	dol. per £..	5.03	4.97	4.93	4.91	4.92	4.93	4.96	5.00	4.97	4.94	4.97	5.02	5.02
France	dol. per franc..	.066	.066	.066	.066	.066	.066	.066	.066	.066	.066	.066	.066	.066
Germany	dol. per reichsmark..	.402	.403	.402	.402	.402	.402	.404	.407	.404	.402	.403	.403	.403
India	dol. per rupee..	.379	.375	.372	.370	.371	.372	.375	.377	.375	.373	.375	.379	.379
Italy	dol. per lira..	.079	.082	.081	.081	.081	.081	.083	.084	.080	.079	.079	.079	.079
Japan	dol. per yen..	.294	.293	.289	.287	.287	.287	.290	.291	.289	.289	.291	.294	.293
Netherlands	dol. per florin..	.679	.678	.676	.677	.678	.678	.682	.687	.684	.679	.676	.677	.681
Spain	dol. per peseta..	.136	.137	.137	.137	.136	.137	.137	.138	.137	.137	.136	.137	.137
Sweden	dol. per krona..	.259	.256	.254	.253	.254	.254	.256	.258	.256	.255	.256	.259	.259
Uruguay	dol. per peso..	.797	.805	.801	.802	.802	.802	.803	.803	.798	.798	.797	.797	.798

† See footnote on p. 32 marked "†."

† Revised series. For earlier data see pp. 18, 19, and 20 of the July 1933 issue, insurance written and admitted assets; p. 18 of the June 1933 issue, premium collections. data on insurance written revised. Revisions not shown in the September 1936 issue will appear in a subsequent issue.

‡ The nominal official gold value of the Chilean peso was changed from 3 pence gold to 1½ pence gold as of Jan. 2, 1935.

* Par values of foreign currencies as given on pp. 56 and 57 of the 1932 annual supplement were changed with the reduction in gold content of the United States dollar.

• Quotation based on paper peso since Dec. 10, 1933, instead of gold peso as formerly. Former equivalent to 44 percent of latter. See note on p. 56 of the March 1934 issue.

† The figures for "other" bonds and stocks held (book value) for the months of January and February 1934 shown as 611 and 616 million dollars, respectively, in the monthly issues from May 1934 to April 1935 should read 514 for January and 518 for February.

* Data slightly revised for the period January 1934-June 1936; revisions not shown above will appear in a subsequent issue.

Monthly statistics through December 1931, together with explanatory footnotes and references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey

1936	1935						1936						
	August	August	September	October	November	December	January	February	March	April	May	June	July

FINANCE—Continued

MONETARY STATISTICS—Continued

Gold and money:													
Gold:													
Monetary stocks, U. S.....mills. of dol.	10,674	9,180	9,246	9,545	9,777	10,072	10,158	10,163	10,172	10,202	10,324	10,514	10,629
Movement, foreign:													
Net release from earmark.....thous. of dol.	-11,945	1,796	1,015	-1,864	573	1,250	-1,745	-9,506	969	-155	-3,246	-24,781	2,293
Exports.....thous. of dol.	32	102	86	76	242	170	338	23,637	2,315	51	5	77	695
Imports.....thous. of dol.	67,524	46,085	156,805	314,424	210,810	190,190	45,961	7,002	7,795	28,166	169,957	277,851	16,074
Net gold imports, including gold released from earmark.....thous. of dol.	55,547	47,779	157,734	313,484	211,141	191,280	43,898	-23,141	6,419	27,650	166,706	252,993	17,672
Production, Rand.....fine ounces.	964,517	929,331	902,333	931,724	969,650	996,496	924,061	894,624	933,776	912,639	938,050	944,165	967,993
Receipts at mint, domestic.....fine ounces.	228,557	155,793	173,899	191,898	149,144	193,167	129,712	125,529	156,455	163,674	181,140	157,681	264,140
Money in circulation, total.....mills. of dol.	6,191	5,576	5,651	5,704	5,770	6,897	5,757	5,779	5,557	5,562	5,918	6,062	6,203
Silver:													
Exports.....thous. of dol.	143	2,069	1,472	260	512	769	253	141	237	535	203	197	138
Imports.....thous. of dol.	16,637	30,829	45,659	48,898	60,065	47,063	58,483	17,536	8,115	4,499	4,989	23,981	6,574
Price at New York.....dol. per fine oz.	.418	.664	.654	.654	.654	.584	.473	.448	.448	.449	.449	.448	.448
Production, world.....thous. of fine oz.	19,927	19,111	17,121	15,854	22,781	16,501	20,652	21,239	21,937	21,722	21,166	21,166	21,166
Canada.....thous. of fine oz.	1,703	1,185	1,031	1,390	1,941	1,244	1,414	1,845	1,449	1,276	1,459	1,662	1,662
Mexico.....thous. of fine oz.	8,553	7,444	5,237	3,844	9,690	6,802	7,159	6,849	5,783	6,710	7,157	7,157	7,157
United States.....thous. of fine oz.	2,170	3,548	4,008	3,814	3,688	4,374	5,066	5,829	5,046	4,754	5,293	4,616	4,616
Stocks, refinery, end of month:													
United States.....thous. of fine oz.	1,487	1,691	1,076	538	1,058	1,199	1,873	1,757	1,834	1,316	1,151	1,101	1,101
Canada.....thous. of fine oz.	1,576	1,746	1,413	1,605	658	579	730	755	638	691	409	345	345

NET CORPORATION PROFITS

(Quarterly)†

Industrial corporations, total.....mills. of dol.			124.7			199.8			170.9			269.2	
Autos, parts and accessories.....mills. of dol.			35.5			75.1			73.0			123.7	
Chemicals.....mills. of dol.			31.6			41.6			32.0			41.4	
Food products and beverages.....mills. of dol.			18.0			19.6			16.1			20.1	
Machinery and machine manufactures.....mills. of dol.			6.2			7.4			8.2			10.9	
Metals and mining.....mills. of dol.			1.9			4.0			3.7			3.0	
Oil.....mills. of dol.			11.3			10.1			9.1			15.6	
Steel.....mills. of dol.			2.7			14.6			7.3			25.3	
Miscellaneous.....mills. of dol.			17.5			27.4			21.5			29.2	
Railways, class I (net operating income).....mills. of dol.			126.3			175.7			104.6			183.7	
Telephones (net op. income).....mills. of dol.			47.4			53.3			54.2			57.3	
Other public utilities (net income).....mills. of dol.			39.3			49.7			50.5			47.6	

PUBLIC FINANCE (FEDERAL)

Debt, gross, end of month.....mills. of dol.	33,380	29,033	29,421	29,462	29,634	30,557	30,516	30,520	31,459	31,425	31,636	33,779	33,444
Expenditures, total (incl. emergency).....thous. of dol.	657,703	701,774	457,776	870,626	573,013	694,383	487,274	517,044	643,093	681,507	590,096	2,406,077	457,656
Receipts, total.....thous. of dol.	366,426	330,301	586,339	288,867	284,636	479,722	279,556	250,705	779,521	258,759	274,415	564,167	322,726
Customs.....thous. of dol.	34,763	37,127	29,704	33,276	31,226	29,125	33,599	33,087	35,842	32,236	30,268	32,122	31,580
Internal revenue, total.....thous. of dol.	254,026	229,659	378,870	192,218	184,096	275,487	183,765	185,001	691,051	202,780	182,110	478,229	288,327
Income tax.....thous. of dol.	29,656	23,172	250,227	28,213	21,753	228,999	36,061	43,610	464,209	35,127	34,517	303,687	40,114
Taxes from:													
Admissions to theaters, etc.....thous. of dol.	1,384	1,314	1,174	1,439	1,867	1,755	1,460	1,405	1,255	1,236	1,319	1,532	1,568
Capital stock transfers, etc.....thous. of dol.	2,346	1,934	2,925	2,132	2,894	3,818	2,871	4,033	3,911	2,992	2,357	1,565	1,654
Sales of produce (future delivery).....thous. of dol.	511	299	282	275	367	263	233	202	165	174	230	185	283
Sales of radio sets, etc.....thous. of dol.	496	319	339	643	571	739	601	424	336	321	221	423	596
Reconstruction Finance Corporation loans outstanding, end of month:†.....thous. of dol.	2,215,165	2,819,378	2,826,467	2,807,892	2,791,734	2,728,682	2,741,437	2,705,734	2,653,750	2,634,613	2,512,957	2,421,004	2,226,026
Total section 5 as amended.....thous. of dol.	763,294	1,080,559	1,059,338	1,029,436	1,000,708	965,528	928,588	905,250	855,405	847,934	839,727	818,426	769,261
Bank and trust companies, including receivers.....thous. of dol.	236,860	440,289	425,897	409,377	384,346	377,551	354,801	335,671	288,465	277,383	268,889	258,287	245,523
Building and loan associations.....thous. of dol.	3,653	9,180	8,909	8,308	7,598	7,274	6,690	6,028	5,631	5,233	5,019	4,026	3,814
Insurance companies.....thous. of dol.	4,890	17,524	17,137	9,967	9,344	6,185	6,060	5,852	5,750	5,231	5,180	5,115	4,972
Mortgage loan companies.....thous. of dol.	129,632	136,093	132,127	131,433	131,003	127,879	126,656	125,353	124,767	125,347	127,511	123,175	124,864
Railroads, incl. receivers.....thous. of dol.	350,948	413,350	412,903	412,805	412,765	396,250	393,712	390,199	389,239	394,168	393,154	388,432	350,841
All other under section 5.....thous. of dol.	37,311	64,123	62,365	57,496	55,412	50,389	40,660	42,156	41,643	40,572	39,674	39,391	38,247
Total Emergency Relief and Construction Act as amended.....thous. of dol.	570,670	724,740	746,799	751,448	758,389	732,718	709,321	771,248	775,291	760,622	650,437	628,682	564,457
Self-liquidating projects.....thous. of dol.	180,045	154,688	168,259	168,265	173,138	146,304	153,667	155,321	159,672	162,601	172,538	168,489	174,249
Financing of exports of agricultural surpluses.....thous. of dol.	47	14,517	14,300	14,300	14,300	14,027	14,027	14,027	13,534	47	47	47	47
Financing of agricultural commodities and livestock.....thous. of dol.	91,355	257,914	267,141	272,115	274,250	275,760	305,001	305,276	305,567	300,538	181,436	163,732	93,777
Amounts made available for relief and work relief.....thous. of dol.	296,223	297,621	297,099	296,768	296,701	296,727	296,926	296,625	296,468	296,436	296,416	296,414	296,414
Total Bank Conservation Act as amended.....thous. of dol.	706,395	902,309	904,025	906,557	907,045	897,011	904,680	887,629	877,724	877,591	872,625	821,704	722,910
Other loans and authorizations.....thous. of dol.	174,806	111,770	116,305	120,451	125,592	133,425	138,848	141,598	145,240	148,472	150,168	152,792	169,368

• Revised.

* Preliminary.

▲ Or exports (—).

† Data are compiled by the American Bureau of Metal Statistics and represent the estimated world output. The series for the period January 1923–August 1931 presented in the SURVEY covered the principal producing countries which produced the following percentages of the world total: 1928, 87.9; 1929, 87.1; 1930, 85.5; 1931, 82.0; 1932, 75.5; and 1933, 77.5.

‡ Series revised to include emergency expenditures. Figures as shown in SURVEY for months prior to May 1932 are comparable with this series. Comparable figures for the period May 1932 to March 1933 are on p. 33 of the June 1934 issue. Later data are shown in monthly issues.

§ For 1934 includes \$2,808,221,138 for February, \$2,233,252 for March, \$409,052 for April, \$298,868 for May, \$213,417 for June, \$272,163 for July, \$268,204 for August, \$134,843 for September, \$173,702 for October, \$116,585 for November, \$132,296 for December. For 1935 includes \$123,639 for January, \$63,241 for February, \$157,326 for March, \$89,144 for April, \$96,103 for May, \$105,773 for June, \$65,219 for July, \$62,055 for August, \$62,936 for September, \$56,256 for October, \$63,730 for November, and \$70,889 for December. For 1936 includes \$60,222 for January, \$43,450 for February, \$53,427 for March, \$155,254 for April, \$42,102 for May, \$41,556 for June, \$261,071 for July, and \$37,923 for August, representing the increment resulting from reduction in weight of the gold dollar.

¶ For earlier data on net gold imports see p. 30 of the December 1932 issue. For new series for internal revenue tax receipts from admissions to theaters, capital stock transfers, and sales of radios, see p. 29 of the Feb. 1936 issue. For new series on sales of produce (future delivery), see p. 19 of the April 1936 issue.

§ These figures exclude the following amounts, \$499,650,000 relief grants to States under the Emergency Relief Act of 1933, \$500,000,000 under the provisions of the Emergency Appropriation Act of 1935 approved June 19, 1934, \$500,000,000 under the provisions of the Emergency Relief Act of 1935 approved Apr. 8, 1935 and other allocations to Federal agencies.

† Revised series. All series of corporation profits revised for period 1928–35. For revised data see p. 15 of the August 1936 issue. The data of the Reconstruction Finance Corporation has been revised to include the statistics of certain loaning agencies of the Corporation not included heretofore and for revisions made in recent audits. Revised data for February 1932–March 1936, inclusive, are shown on p. 20 of the September 1936 issue.

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July

FINANCE—Continued

CAPITAL FLATATIONS													
New Security Registrations Fully Effective*													
<i>(Securities and Exchange Commission)</i>													
Estimated gross proceeds:													
Total.....thous. of dol.	286,022	254,062	319,874	406,087	289,772	212,085	275,696	212,089	583,391	751,013	319,319	523,439	362,925
Common stock.....thous. of dol.	92,750	24,986	62,151	25,425	55,309	41,286	27,278	27,113	81,519	168,638	88,913	120,487	84,066
Preferred stock.....thous. of dol.	35,728	24,547	16,714	31,047	7,080	20,873	3,125	31,464	28,793	53,973	31,506	77,317	15,131
Certificates of participation, etc.													
Debt securities.....thous. of dol.	4,660	11,503	6,235	83,700	1,505	4,777	11,027	13,708	7,442	35,373	13,713	1,300	32,898
Debentures and short term notes													
Secured bonds.....thous. of dol.	107,250	90,846	77,749	83,558	31,786	55,219	19,350	41,125	130,921	113,593	106,069	165,636	59,843
Unsecured bonds.....thous. of dol.	45,634	102,181	157,026	182,357	194,093	89,930	214,916	98,679	334,716	379,436	79,118	159,700	170,987
Securities Issued													
<i>(Commercial and Financial Chronicle)</i>													
Total, all issues.....thous. of dol.	295,555	437,127	437,425	368,121	382,221	462,422	410,824	301,978	767,351	1,020,632	413,359	731,166	338,383
Domestic, total.....thous. of dol.	295,555	361,127	437,425	368,121	382,221	422,422	354,824	301,978	743,851	988,532	413,359	731,166	338,383
Foreign, total.....thous. of dol.	0	76,000	0	0	0	40,000	56,000	0	23,500	31,500	0	0	0
Corporate, total.....thous. of dol.	232,438	209,862	275,854	252,395	250,503	167,355	273,907	194,613	594,853	687,751	204,993	527,630	294,393
Industrial.....thous. of dol.	16,001	92,378	94,707	65,439	32,750	54,504	150,589	37,501	101,833	236,693	133,822	199,653	49,050
Investment trusts.....thous. of dol.	0	0	0	4,000	0	2,000	0	0	0	0	4,800	0	7,125
Land, buildings, etc.....thous. of dol.	973	5,660	475	482	600	250	250	5,250	0	0	145	1,903	1,000
Long-term issues.....thous. of dol.	0	5,660	475	482	600	250	0	0	0	0	0	0	0
Apartment and hotels													
Office and commercial.....thous. of dol.	0	0	0	0	0	0	0	0	0	0	0	0	0
Public utilities.....thous. of dol.	43,473	35,412	164,172	180,644	217,153	83,343	28,580	135,450	260,779	315,587	116,096	185,336	149,804
Railroads.....thous. of dol.	51,500	73,412	16,500	0	0	21,690	94,519	0	223,391	122,197	48,727	106,797	49,690
Miscellaneous.....thous. of dol.	120,492	3,060	0	1,770	0	6,163	0	16,413	8,850	18,273	1,400	33,943	37,724
Farm loan and Gov't agencies													
Municipal, States, etc.....thous. of dol.	7,800	85,562	12,700	38,962	17,254	121,500	200	10,260	20,000	198,718	9,671	94,429	2,080
Purpose of issue:													
New capital, total.....thous. of dol.	216,510	148,210	172,745	148,462	119,794	221,207	123,253	106,739	129,527	178,672	111,571	217,270	102,769
Domestic, total.....thous. of dol.	216,510	148,210	172,745	148,462	119,794	221,207	115,253	106,739	129,527	178,672	111,571	217,270	102,769
Corporate.....thous. of dol.	170,799	29,795	45,987	73,063	33,289	66,738	72,935	13,473	58,816	127,579	37,608	131,874	69,809
Farm loan and Gov't agencies													
Municipal, States, U. S. possessions, etc.....thous. of dol.	0	85,262	0	15,000	0	40,290	0	4,000	11,000	0	5,900	1,000	0
Foreign.....thous. of dol.	45,712	33,153	127,658	60,450	86,505	114,179	50,318	89,266	59,711	48,793	68,063	64,396	32,959
Refunding, total.....thous. of dol.	70,644	288,917	264,679	219,659	262,426	241,216	287,571	195,236	637,824	843,360	301,788	513,896	235,614
Corporate.....thous. of dol.	61,639	180,067	230,760	179,392	217,215	200,973	181,141	200,973	536,037	559,872	267,385	375,756	224,583
Type of security, all issues:													
Bonds and notes, total.....thous. of dol.	264,290	412,765	433,598	349,500	378,471	427,060	406,635	280,815	743,659	953,533	373,491	651,980	305,184
Corporate.....thous. of dol.	201,173	185,500	272,027	233,774	246,753	132,893	273,907	173,450	594,853	623,252	265,125	448,444	261,194
Stocks.....thous. of dol.	31,265	24,362	3,827	18,621	3,750	34,462	4,189	21,163	23,692	64,498	39,868	79,186	33,199
Bond Buyer													
State and municipals:													
Permanent (long term).....thous. of dol.	67,548	52,743	115,116	70,228	137,145	126,454	* 93,726	* 94,561	* 120,085	* 111,974	* 96,396	118,102	* 43,968
Temporary (short term).....thous. of dol.	18,201	32,941	81,713	124,087	16,061	30,298	118,586	22,800	37,219	74,814	10,700	91,889	22,746
COMMODITY MARKETS													
Volume of trading in futures:													
Wheat.....thous. of bu.	1,062,278	917,282	901,531	1,074,776	626,949	569,673	448,456	321,637	466,193	800,684	591,079	768,278	1,328,691
Corn.....thous. of bu.	395,058	185,330	136,806	197,332	119,961	100,377	53,744	45,297	52,161	92,053	80,460	148,124	415,816
SECURITY MARKETS													
Bonds													
Prices:													
All listed bonds (N. Y. S. E.).....dollars.	95.39	90.54	89.93	90.23	91.08	91.85	93.59	94.44	94.47	93.90	93.83	94.24	94.78
Domestic issues.....dollars.	98.81	93.07	92.65	92.84	93.69	94.47	96.16	97.22	97.26	96.69	97.38	97.63	98.19
Foreign issues.....dollars.	68.68	78.12	76.73	77.62	78.45	79.03	80.87	80.32	79.76	79.21	67.47	67.87	68.39
Domestic (Dow-Jones) (40)													
percent of par 4% bond.....	99.38	81.90	81.82	79.51	83.52	86.50	92.72	96.41	96.50	94.97	94.88	96.11	97.35
Industrials (10)													
percent of par 4% bond.....	104.06	87.35	88.87	89.77	92.38	97.56	102.88	103.57	101.76	101.39	101.09	102.09	103.68
Public utilities (10)													
percent of par 4% bond.....	100.88	91.36	92.08	92.61	92.96	92.83	97.94	99.13	97.51	98.14	98.14	98.60	98.86
Rails, high grade (10)													
percent of par 4% bond.....	126.98	113.83	113.83	112.55	114.32	116.92	120.77	123.69	126.34	126.22	126.90	127.15	126.58
Rails, second grade (10)													
percent of par 4% bond.....	77.78	58.60	55.58	51.31	56.93	59.99	66.96	73.18	74.32	70.70	70.43	72.31	74.45
Domestic* (Stand. Stat.) (45).....dollars.	103.0	99.2	98.9	97.6	98.9	100.0	102.7	104.3	104.4	103.7	102.7	102.6	102.4
U. S. Government (Stand. Stat.)*.....dollars.	110.8	109.1	107.9	107.8	108.3	108.4	108.8	109.3	110.0	110.2	110.3	110.4	110.3
Foreign (N. Y. Trust) (40).....percent of par		62.36	61.79	62.71	59.93	63.43	63.93	64.47	63.54	62.97	62.16	63.76	63.55
Sales on registered exchanges (Securities and Exchange Commission):*													
Total on all exchanges:													
Market value.....thous. of dol.	221,368	323,438	271,503	302,178	296,212	314,083	443,264	395,266	336,206	251,878	208,596	283,772	292,443
Par value.....thous. of dol.	275,306	414,036	333,012	387,152	405,138	448,712	622,546	511,121	410,410	301,433	249,620	332,383	350,594
On New York Stock Exchange:†													
Market value.....thous. of dol.	179,534	245,922	217,726	229,642	217,954	239,442	338,095	305,052	261,553	197,277	163,983	231,088	238,071
Par value.....thous. of dol.	225,927	306,890	262,489	291,123	304,219	352,057	492,214	402,610	323,695	236,792	197,217	271,044	287,510
Sales on the New York Exchange excl. of stopped sales† (Dow-Jones):													
Par value:													
Total.....thous. of dol.	224,923	286,903	249,795	275,727	301,977	314,429	476,137	175,145	2,275,275	774,052	231,827	2,586,314	291,650
Liberty and Treasury bonds													
thous. of dol.	0	73,674	64,422	51,997	19,252	20,464	33,118	10,000	1,809,000	180,000	0	2,135,000	0

* Revised.

* Has included since July 1934 other than farm loan issues for which Treasury has acted as fiscal agent.

† New series. Data on new security registrations fully effective for the period September 1934-December 1935 and volume of trading in futures for the period January 1921-December 1935 are shown on p. 20 of the March 1936 issue. New series on bond sales on all registered exchanges (market and par value) and on the New York Stock Exchange (par value) are shown on p. 20 of the April 1936 issue for the period October 1934-February 1936. Data on new series of prices of domestic bonds (45) and U. S. Government bond prices other than those shown in the August 1936 issue will appear in a subsequent issue.

† The difference in the figures covering bond sales on the New York Stock Exchange (par value) is due to stopped sales being included in the figures of the Securities and Exchange Commission (total) beginning April 1935.

† Data for the year 1935 revised by reporting source. See p. 35 of the April 1936 issue.

Monthly statistics through December 1931, together with explanatory footnotes and references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	September	October	November	December	January	February	March	April	May	June	July
FINANCE—Continued													
SECURITY MARKETS—Continued													
Bonds—Continued													
Value, issues listed on N. Y. S. E.:													
Par. all issues.....mills. of dol.	44,270	43,145	42,671	42,303	42,232	42,893	43,113	43,015	44,255	44,223	42,255	44,164	43,981
Domestic issues.....mills. of dol.	39,241	35,825	35,391	35,054	34,987	35,619	35,851	35,934	37,196	37,150	37,242	39,128	38,947
Foreign issues.....mills. of dol.	5,038	7,320	7,280	7,249	7,245	7,274	7,263	7,082	7,059	7,073	5,013	5,036	5,034
Market value, all issues.....mills. of dol.	42,236	39,062	38,375	38,171	38,465	39,339	40,548	40,625	41,807	41,525	39,648	41,619	41,685
Domestic issues.....mills. of dol.	38,776	33,343	32,789	32,543	32,781	33,650	34,475	34,936	36,177	35,922	36,266	38,201	38,242
Foreign issues.....mills. of dol.	3,460	5,719	5,586	5,627	5,684	5,749	5,873	5,688	5,630	5,603	3,382	3,418	3,443
Yields:													
Domestic (Standard Statistics) (60)†													
percent.....	3.91	4.13	4.20	4.28	4.18	4.11	3.99	3.90	3.87	3.90	3.94	3.94	3.94
Industrials (15).....percent.....	4.42	4.54	4.54	4.51	4.42	4.44	4.29	4.27	4.32	4.38	4.45	4.44	4.45
Municipals (15)†.....percent.....	2.68	2.87	3.03	3.16	3.02	2.97	2.93	2.86	2.78	2.76	2.76	2.72	2.70
Public utilities (15).....percent.....	4.02	4.23	4.26	4.31	4.15	4.17	4.09	4.04	4.01	4.00	4.04	4.03	4.02
Railroads (15).....percent.....	4.52	4.88	4.90	5.12	5.12	4.87	4.63	4.43	4.37	4.45	4.52	4.56	4.58
Domestic, municipals (Bond Buyer) (20)													
percent.....	2.91	3.34	3.51	3.34	3.23	3.25	3.11	3.04	3.03	3.12	3.00	2.99	2.95
Domestic, U. S. Government:													
U. S. Treasury bonds*.....percent.....	2.43	2.66	2.78	2.77	2.73	2.73	2.68	2.62	2.54	2.51	2.50	2.50	2.50
Cash Dividend and Interest Payments and Rates													
Dividend payments (N. Y. Times)													
thous. of dol.	331,918	256,594	185,306	157,809	398,621	301,403	228,328	273,649	290,642	162,174	409,552	263,530	236,196
Industrial and miscellaneous													
thous. of dol.	317,088	239,561	181,997	151,055	369,279	280,609	184,035	259,487	192,324	155,519	375,035	237,655	215,063
Railroad													
thous. of dol.	14,830	17,033	3,308	6,754	28,742	20,794	44,035	14,162	7,718	6,655	34,517	26,175	21,193
Dividend payments and rates (Moody's):													
Dividend payments, annual payments at current rate (600 companies)													
mills. of dol.	1,517.4	1,225.0	1,230.6	1,243.7	1,296.5	1,298.7	1,311.5	1,337.2	1,345.5	1,355.8	1,385.2	1,397.4	1,457.2
Number of shares, adjusted.....millions	923.94	918.42	918.42	918.42	923.92	923.92	923.92	923.92	923.92	923.92	923.92	923.92	923.94
Dividend rate per share, weighted average (600)													
dollars.....	1.64	1.33	1.34	1.35	1.40	1.41	1.42	1.45	1.46	1.47	1.50	1.51	1.58
Banks (21).....dollars.....	3.00	3.19	2.99	2.99	2.97	2.98	2.98	2.98	2.98	2.98	2.98	3.00	3.00
Industrial (492).....dollars.....	1.56	1.16	1.17	1.19	1.26	1.26	1.28	1.32	1.33	1.34	1.38	1.41	1.48
Insurance (21).....dollars.....	2.09	2.23	2.23	2.23	2.23	2.29	2.39	2.39	2.39	2.39	2.39	2.03	2.09
Public utilities (30).....dollars.....	1.96	1.83	1.83	1.83	1.83	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.95
Railroads (36).....dollars.....	1.21	1.21	1.21	1.21	1.24	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
Stocks													
Prices:													
Dow-Jones:													
Industrials (30).....dol. per share..	165.9	127.1	131.5	130.4	144.3	141.8	145.9	151.8	155.9	155.8	149.3	155.2	162.3
Public utilities (20).....dol. per share..	34.7	25.9	25.7	26.0	28.9	28.8	30.9	32.5	30.9	31.7	30.0	32.3	34.6
Railroads (20).....dol. per share..	54.0	35.4	35.0	33.8	37.0	40.3	43.3	45.5	48.0	47.2	44.5	47.0	51.5
New York Times (50).....dol. per share..	131.55	102.50	105.78	108.16	118.89	111.27	116.06	120.09	120.95	121.63	113.43	124.28	130.74
Industrials (25).....dol. per share..	220.56	177.22	183.20	189.58	197.63	190.56	197.67	201.17	203.97	206.14	203.36	211.69	221.15
Railroads (25).....dol. per share..	42.55	27.96	28.37	26.74	29.97	31.60	34.46	38.84	37.94	37.10	35.77	36.83	40.33
Standard Statistics (419)†.....1926=100..	113.0	83.0	85.0	85.2	93.5	95.0	100.1	103.1	103.7	108.9	101.9	105.6	109.2
Industrials (347)†.....1926=100..	128.4	95.0	97.5	98.5	107.4	109.2	114.5	120.9	124.6	125.3	116.2	129.6	121.3
Public utilities (40)†.....1926=100..	108.8	80.6	81.9	81.0	90.1	94.6	97.0	102.8	102.8	101.5	94.7	102.0	105.8
Railroads (32)†.....1926=100..	58.9	35.8	37.0	34.3	37.6	41.4	43.8	49.1	49.2	48.9	45.0	47.7	50.7
Banks, N. Y. (19)†.....1926=100..	76.5	61.7	56.6	55.8	63.5	69.1	70.5	65.8	69.4	64.1	62.0	65.0	72.1
Fire insurance (18)†.....1926=100..	96.5	93.3	93.0	92.8	96.0	101.7	107.5	106.8	102.1	96.8	94.2	95.2	96.1
Sales													
Market value of shares sold:													
All registered exchanges, total*													
thous. of dol.	1,657,152	1,610,330	1,407,019	1,912,161	2,250,677	1,979,149	2,439,219	2,503,129	2,429,990	1,936,193	1,223,444	1,164,147	2,057,845
On New York Stock Exchange *													
thous. of dol.	1,248,924	1,302,860	1,241,475	1,659,690	1,953,075	1,728,247	2,069,564	2,140,084	2,092,308	1,679,830	1,077,672	1,002,190	1,526,176
Volume of shares sold:													
On all registered exchanges, total*													
thous. of shares..	50,937	79,180	59,433	81,106	99,864	82,870	119,592	120,963	101,923	77,916	47,110	43,937	64,728
On New York Stock exchange: *													
Total (Sec. and Exch. Com.)													
thous. of shares..	37,109	60,372	46,531	62,555	77,474	63,344	87,592	85,305	75,532	56,935	35,943	31,897	48,272
Total excl. of odd lot and stopped sales (New York Times).....thous. of shares..	26,564	42,923	34,748	46,663	67,463	45,590	67,211	60,871	51,025	39,616	20,615	21,428	34,787
Values, and shares listed, N. Y. S. E.:													
Market value all listed shares.....mills. of dol.	54,532	39,801	40,479	43,002	44,951	46,946	50,165	50,202	51,668	47,774	49,998	50,912	54,067
Number of shares listed.....millions	1,344	1,307	1,307	1,307	1,309	1,318	1,321	1,323	1,330	1,337	1,339	1,340	1,341
Yields:													
Preferred, Standard Statistics:													
Industrials, high grade (20).....percent.....	5.02	5.17	5.19	5.19	5.12	5.11	5.10	5.05	5.02	5.04	5.06	5.04	5.03
Stockholders (Common Stock)													
American Tel. & Tel. Co., total.....number.....			664,695			657,651			653,435			649,876	
Foreign.....number.....			7,816			7,825			7,839			7,804	
Pennsylvania Railroad Co., total.....number.....			230,086			227,254			225,120			223,844	
Foreign.....number.....			3,128			3,111			3,101			3,087	
U. S. Steel Corporation, total.....number.....			187,533			184,650			181,493			181,699	
Foreign.....number.....			3,979			3,925			3,870			3,941	
Shares held by brokers.....percent of total..			20.40			21.53			21.75			22.72	

FOREIGN TRADE

INDEXES													
Value:													
Exports, unadjusted.....1923-25=100..	47	45	52	58	71	59	52	48	51	51	53	49	47
Exports, adjusted for seasonal variation													
1923-25=100..	51	49	50	48	62	56	51	53	51	53	56	55	54
Imports, unadjusted.....1923-25=100..	60	52	56	59	52	58	58	60	62	63	59	59	60
Imports, adjusted for seasonal variation													
1923-25=100..	62	54	53	58	52	58	57	60	55	58	58	62	65
Quantity exports:													
Total, agricultural products:													
Unadjusted.....1910-14=100..	33	36	64	87	128	96	64	51	51	44	45	40	27
Adjusted*.....1910-14=100..	40	44	59	64	98	70	57	55	52	52	54	52	39
Total, excluding cotton:													
Unadjusted.....1910-14=100..	39	35	52	61	74	49	43	37	41	34	33	31	30
Adjusted*.....1910-14=100..	39	35	48	53	68	45	42	40	41	36	35	35	33

* New series. For earlier data see p. 20 of the August 1934 issue, yield on United States domestic long-term bonds (all issues except those due or callable within 8 years) for years 1926-34; for data for years 1919-25 see p. 20 of the November 1935 issue. Series on stock sales on all registered exchanges and on the New York Stock Exchange as compiled by the Securities and Exchange Commission for the period October 1934-February 1936 are shown on p. 20 of the April 1936 issue. For quantity exports adjusted for seasonal variation for the period July 1914-August 1935 see p. 18 of the October 1935 issue.

† For earlier data on yield of domestic and municipal bonds see pp. 19 and 33 of the April 1933 issue. Data covering the Standard Statistics indexes of stock prices have been revised. The revision, however, did not change the indexes materially. Revised data not shown above will appear in the 1936 Supplement.

* The difference in the figures covering the volume of stock sales on the New York Stock Exchange since April

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey.	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July

FOREIGN TRADE—Continued

VALUE \$	1936	1935	1936	1935	1936	1935	1936	1935	1936	1935	1936	1935	1936
Exports, incl. reexports.....thous. of dol.	178,314	172,204	198,189	221,238	269,310	223,514	197,958	181,838	194,792	192,629	200,666	184,908	179,828
By grand divisions and countries:													
Africa.....thous. of dol.	9,950	6,279	8,878	9,427	9,093	7,700	8,307	10,553	9,215	9,326	8,628	10,562	10,562
Asia and Oceania.....thous. of dol.	29,475	37,400	34,143	51,058	50,946	40,290	32,553	38,332	39,337	38,902	38,766	35,725	35,725
Japan.....thous. of dol.	11,680	16,996	16,402	26,945	26,885	18,753	13,251	16,401	16,211	14,680	13,627	11,975	11,975
Europe.....thous. of dol.	72,590	96,926	115,315	144,510	110,183	91,669	83,697	82,932	78,247	78,097	69,400	64,462	64,462
France.....thous. of dol.	7,824	7,316	10,746	18,817	15,701	11,666	9,794	8,388	9,311	7,301	8,893	6,448	6,448
Germany.....thous. of dol.	5,553	8,891	9,885	14,363	12,327	7,136	8,803	9,489	7,787	7,240	6,541	7,041	7,041
Italy.....thous. of dol.	5,596	4,796	6,529	9,125	7,944	5,420	7,571	5,891	4,827	5,697	4,299	2,873	2,873
United Kingdom.....thous. of dol.	32,280	53,513	59,098	62,481	41,823	37,863	32,304	32,012	27,954	30,150	27,066	27,381	27,381
North America, northern.....thous. of dol.	28,611	28,063	31,084	28,170	22,157	27,390	25,638	27,945	32,128	37,500	35,498	32,016	32,016
Canada.....thous. of dol.	27,686	27,418	30,349	27,473	21,760	26,990	25,275	27,356	31,557	36,693	34,875	31,296	31,296
North America, southern.....thous. of dol.	16,216	15,700	18,090	18,628	17,729	16,693	16,281	19,593	17,902	18,535	16,789	17,819	17,819
Mexico.....thous. of dol.	4,758	4,916	5,817	5,353	6,025	5,642	5,277	6,395	5,932	6,243	5,800	6,830	6,830
South America.....thous. of dol.	15,363	13,821	13,728	17,517	15,406	14,217	15,361	15,438	15,861	18,306	15,828	19,243	19,243
Argentina.....thous. of dol.	4,916	4,143	3,436	4,948	3,556	3,784	4,154	3,876	4,031	4,507	4,662	5,957	5,957
Brazil.....thous. of dol.	3,596	3,196	3,414	4,537	3,276	3,950	4,214	4,109	3,704	4,475	3,757	3,560	3,560
Chile.....thous. of dol.	1,069	1,283	1,089	1,698	1,216	1,193	1,254	1,274	1,562	1,676	982	1,540	1,540
By economic classes:													
Exports, domestic.....thous. of dol.	175,556	169,761	195,537	218,138	266,730	220,977	195,085	179,195	192,081	189,408	196,913	180,601	176,397
Crude materials.....thous. of dol.	38,127	40,875	68,677	82,604	112,678	82,685	59,770	50,054	44,486	40,431	42,627	39,310	30,379
Raw cotton.....thous. of dol.	12.4	16.6	31.8	45.9	75.1	56.8	35.7	26.6	26.3	22.8	22.9	19.7	10.8
Foodstuffs, total.....thous. of dol.	19,675	15,629	22,399	23,695	26,780	19,697	15,863	14,763	16,848	14,199	15,925	14,509	15,036
Foodstuffs, crude.....thous. of dol.	5,725	4,788	7,074	7,974	5,925	5,169	4,349	4,020	4,949	4,621	4,402	3,774	3,774
Foodstuffs, refined.....thous. of dol.	13,950	10,841	15,325	15,721	20,855	14,528	11,514	10,743	11,761	9,259	11,304	10,707	11,262
Fruits and prep.....thous. of dol.	8.7	6.6	11.8	12.5	13.8	6.4	6.3	6.8	5.5	5.3	4.1	5.0	5.0
Meats and fats.....thous. of dol.	3.1	3.2	2.6	2.8	4.2	3.3	3.3	2.9	3.5	3.3	4.2	4.0	4.1
Wheat and flour.....thous. of dol.	1.7	1.2	1.3	1.5	1.4	1.2	1.3	1.2	1.4	1.5	1.3	1.3	1.3
Manufactures, semi.....thous. of dol.	32,287	31,018	29,309	30,291	34,319	31,702	28,621	28,319	32,096	33,802	35,115	34,107	33,282
Manufactures, finished.....thous. of dol.	85,467	82,239	75,152	81,548	92,953	86,894	90,831	86,059	98,652	100,976	103,245	92,674	97,701
Automobiles and parts.....thous. of dol.	12.4	15.7	13.3	14.1	21.9	19.7	22.1	24.0	23.0	22.5	19.1	16.9	16.9
Gasoline.....thous. of dol.	5.0	5.8	6.1	5.1	6.7	7.5	5.1	3.8	3.3	5.1	5.6	4.4	5.0
Machinery.....thous. of dol.	25.2	23.9	20.5	23.5	25.5	22.5	25.5	24.6	27.9	30.7	29.6	26.0	29.3
Imports, total #.....thous. of dol.	192,375	169,030	161,653	189,240	169,386	186,584	187,440	192,776	198,686	202,789	191,110	190,387	194,114
Imports for consumption*.....thous. of dol.	200,060	180,444	168,689	189,688	162,808	179,586	186,351	189,589	194,281	199,787	188,421	193,622	196,516
By grand divisions and countries: #													
Africa.....thous. of dol.	3,129	2,424	2,579	3,235	3,714	4,212	4,483	4,936	5,801	4,236	2,907	2,845	2,845
Asia and Oceania.....thous. of dol.	52,112	52,380	57,319	46,230	55,693	56,977	58,590	57,435	65,671	58,857	60,706	66,901	66,901
Japan.....thous. of dol.	12,839	13,888	16,594	14,106	14,213	15,086	14,435	12,926	13,286	12,163	11,003	12,306	12,306
Europe.....thous. of dol.	46,635	52,915	65,033	55,009	56,019	53,493	51,612	55,491	51,637	53,722	55,193	56,637	56,637
France.....thous. of dol.	4,557	4,796	7,565	5,433	5,168	5,539	4,321	5,347	4,538	4,356	4,578	4,829	4,829
Germany.....thous. of dol.	6,491	7,326	7,702	6,738	8,152	5,729	5,650	6,740	5,870	5,741	6,080	7,439	7,439
Italy.....thous. of dol.	2,795	2,924	4,723	4,528	3,553	2,749	2,586	2,947	3,017	3,286	3,517	3,274	3,274
United Kingdom.....thous. of dol.	11,711	14,895	15,820	14,214	13,577	15,990	16,132	16,730	14,712	14,513	14,676	14,317	14,317
North America, northern.....thous. of dol.	23,905	27,334	29,741	27,258	27,901	24,675	23,020	27,222	26,923	29,127	30,881	31,114	31,114
Canada.....thous. of dol.	23,266	26,708	28,573	26,576	27,320	24,272	22,926	26,836	26,710	28,744	30,347	30,708	30,708
North America, southern.....thous. of dol.	32,359	11,845	10,183	8,988	11,139	23,289	24,636	24,252	25,829	22,800	23,344	19,299	19,299
Mexico.....thous. of dol.	2,979	3,014	3,227	3,048	4,220	3,860	4,688	5,094	4,826	3,829	3,771	3,759	3,759
South America.....thous. of dol.	22,304	21,791	24,813	22,089	25,121	23,704	27,247	24,935	23,925	19,671	20,591	19,721	19,721
Argentina.....thous. of dol.	6,887	4,970	5,251	4,498	5,154	4,862	4,638	5,108	5,223	3,827	3,404	3,490	3,490
Brazil.....thous. of dol.	7,394	8,205	9,934	8,530	9,414	9,158	11,053	9,466	7,216	5,863	6,550	6,739	6,739
Chile.....thous. of dol.	712	1,515	1,344	2,424	1,969	1,421	3,787	2,748	3,442	2,867	1,611	1,735	1,735
By economic classes: #													
Crude materials.....thous. of dol.	61,663	50,212	49,844	55,398	46,045	55,737	58,412	58,613	57,749	62,076	55,071	54,612	56,022
Foodstuffs, crude.....thous. of dol.	28,627	24,726	23,653	29,492	24,942	27,116	26,543	28,745	31,221	28,690	22,893	24,529	24,529
Foodstuffs, manufactured.....thous. of dol.	27,030	38,849	20,742	22,266	18,909	17,712	28,733	31,547	32,338	37,035	34,080	36,065	34,726
Manufactures, semi.....thous. of dol.	40,814	31,290	38,422	38,587	36,305	42,768	39,699	40,060	36,127	37,577	38,456	42,660	42,660
Manufactures, finished.....thous. of dol.	41,356	35,367	36,027	43,955	36,606	36,253	32,964	30,625	36,847	34,409	39,056	36,996	38,579

TRANSPORTATION AND COMMUNICATIONS

TRANSPORTATION													
Express Operations													
Operating revenue.....thous. of dol.	7,671	8,053	8,029	7,936	8,586	7,745	7,708	8,245	8,396	8,579	8,435	8,092	8,092
Operating income.....thous. of dol.	139	142	137	140	141	143	127	126	123	110	123	110	110
Electric Street Railways													
Fares, average (208 cities).....cents.	8.101	8.101	8.101	8.101	8.101	8.101	8.101	8.100	8.092	8.092	8.092	8.092	8.092
Passengers carried.....thousands.	704,446	682,696	685,430	764,558	742,270	799,787	797,242	780,142	814,298	790,656	788,307	758,943	720,396
Operating revenue.....thous. of dol.	49,244	50,323	55,442	53,788	58,138	57,874	56,443	58,752	57,627	57,426	55,553	53,553	53,553
Steam Railways													
Freight carloading (F. R. B.):													
Index, unadjusted.....1923-25=100	76	64	70	73	67	62	65	62	66	71	72	75	75
Coal.....1923-25=100	68	56	66	76	74	79	88	106	60	64	65	61	65
Coke.....1923-25=100	71	43	56	61	62	73	80	89	56	58	70	69	73
Forest products.....1923-25=100	50	42	44	43	39	37	38	37	42	42	46	48	47
Grain and products.....1923-25=100	88	90	90	78	69	61	67	66	72	66	69	77	117
Livestock.....1923-25=100	46	39	54	63	50	39	39	31	35	38	37	35	41
Merchandise, l. c. 1.....1923-25=100	67	64	67	67	66	62	60	60	63	65	66	66	66
Ore.....1923-25=100	141	87	90	79	32	14	15	15	27	107	130	139	139
Miscellaneous.....1923-25=100	85	68	77	82	76	67	63	63	73	79	83	84	84
Index, adjusted.....1923-25=100	70	60	62	64	66	71	70	70	66	69	70	73	73
Coal.....1923-25=100	71	58	61	67	67	74	78	97	63	77	73	70	74
Coke.....1923-25=100	79	48	57	60	61	68	73	79	55	61	70	75	83
Forest products.....1923-25=100	47	40	42	42	40	45	42	36	40	40	44	46	48
Grain and products.....1923-25=100	73	75	74	70	65	62	70	68	85	80	84	89	98

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936		1935				1936							
	August	August	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	
TRANSPORTATION AND COMMUNICATIONS—Continued														
TRANSPORTATION—Continued														
Steam Railways—Continued														
Freight carloading (A. A. R.):														
Total cars.....thousands..	3,701	* 3,098	2,632	2,882	3,179	2,319	2,353	3,135	2,419	2,545	3,352	2,787	2,826	
Coal.....thousands..	605	* 492	446	544	625	522	557	906	423	445	557	426	434	
Coke.....thousands..	43	26	26	30	36	33	37	54	27	28	41	33	35	
Forest products.....thousands..	181	152	124	126	137	104	104	134	122	121	162	139	131	
Grain and products.....thousands..	217	211	162	148	157	109	121	151	136	123	155	140	212	
Livestock.....thousands..	77	64	69	87	84	51	52	53	43	50	61	47	52	
Merchandise, l. c. l.....thousands..	828	* 791	641	667	788	586	566	730	622	647	795	649	628	
Ore.....thousands..	274	* 173	135	130	67	21	23	28	24	35	187	202	209	
Miscellaneous.....thousands..	1,476	1,189	1,029	1,150	1,284	892	864	1,078	1,017	1,096	1,394	1,151	1,125	
Freight-car surplus, total.....thousands..	146	245	229	208	252	271	231	171	205	179	185	170	147	
Box.....thousands..	81	152	133	125	143	155	138	104	104	97	105	90	77	
Coal.....thousands..	30	53	59	48	65	68	47	22	61	42	41	44	37	
Financial operations (class I railways):														
Operating revenues.....thous. of dol.	350,585	*293,990	308,960	341,018	391,331	296,225	299,099	300,459	308,304	313,410	320,966	330,692	349,744	
Freight.....thous. of dol.	283,602	*235,672	249,926	284,614	248,146	225,826	241,160	245,145	251,821	256,322	262,727	268,542	283,944	
Passenger.....thous. of dol.	39,321	* 33,850	30,820	28,608	27,848	34,374	34,102	31,902	30,516	30,653	30,351	34,845	39,187	
Operating expenses.....thous. of dol.	246,299	*221,353	218,040	232,516	218,583	234,053	231,779	235,906	236,579	235,073	240,234	241,812	248,366	
Net railway operating income.....thous. of dol.	64,681	* 42,157	57,359	75,425	54,234	46,040	35,765	33,595	35,206	41,548	41,842	50,313	61,774	
Operating results (class I railways):														
Freight carried 1 mile.....mills. of tons.		25,936	27,715	31,200	27,468	26,175	27,858	29,153	27,992	28,145	29,894	28,760	-----	
Receipts per ton-mile.....cents.		1.005	.983	.999	.988	.987	.960	.931	.994	1.015	.975	1.023	-----	
Passengers carried 1 mile.....millions.		1,856	1,660	1,475	1,436	1,787	1,695	1,582	1,539	1,573	1,578	1,941	-----	
Waterway Traffic														
Canals:														
Cape Cod.....thous. of short tons..	232	206	202	270	208	238	224	81	200	227	270	228	258	
New York State.....thous. of short tons..	605	576	574	800	655	0	0	0	0	228	568	616	738	
Panama, total.....thous. of long tons..	2,396	2,019	1,994	2,229	2,050	2,188	2,149	2,155	2,634	2,430	2,420	2,460	2,450	
U. S. vessels.....thous. of long tons..	1,053	848	907	983	843	852	775	813	981	1,023	940	989	976	
St. Lawrence.....thous. of short tons..	1,060	1,024	983	992	885	44	0	0	0	187	1,300	1,207	997	
Sault Ste. Marie.....thous. of short tons..	10,699	7,731	7,148	7,454	4,087	440	0	0	0	37	8,710	9,835	10,951	
Suez.....thous. of metric tons..		2,636	1,956	2,225	2,955	2,029	2,043	1,864	2,149	2,091	2,215	1,981	2,150	
Welland.....thous. of short tons..	1,366	1,334	1,180	1,150	1,313	167	0	0	95	1,618	1,444	1,322	-----	
Rivers:														
Allegheny.....thous. of short tons..	404	238	200	226	267	191	112	43	56	226	365	367	405	
Mississippi (Government barges).....thous. of short tons..	139	146	143	154	149	98	98	102	140	188	200	155	143	
Monongahela.....thous. of short tons..	2,623	1,491	1,239	1,414	1,707	1,664	1,270	547	1,327	1,928	2,361	2,457	2,564	
Ohio (Pittsburgh to Wheeling).....thous. of short tons..	1,461	967	782	880	956	834	635	56	520	863	1,246	1,319	1,399	
Ocean traffic:†														
Clearances, vessels in foreign trade														
Foreign.....thous. of net tons..	6,856	6,791	5,786	5,580	5,162	4,351	3,521	4,305	4,639	4,872	6,057	6,134	6,564	
United States.....thous. of net tons..	4,694	4,436	3,831	3,670	3,331	2,948	3,184	3,049	3,225	3,329	3,901	4,121	4,418	
Shipbuilding. (See Trans. Equip.)	2,192	2,355	1,955	1,910	1,831	1,403	1,337	1,256	1,414	1,542	2,155	2,013	2,146	
Travel														
Airplane travel:														
Express carried*.....pounds..	565,358	392,212	417,223	488,019	361,839	400,061	354,301	353,293	535,736	483,505	483,798	701,142	613,837	
Miles flown*.....thous. of miles..	6,046	5,756	5,360	5,288	4,301	4,429	4,245	3,958	4,860	4,885	5,511	5,620	* 6,043	
Passengers carried*.....number..	106,143	89,581	77,370	70,924	50,534	53,507	44,061	41,330	70,926	71,449	96,368	97,453	*111,072	
Passenger-miles flown*.....thous. of miles..	43,109	35,732	32,024	28,788	20,837	23,046	18,983	18,122	31,730	30,326	40,097	40,252	* 44,364	
Hotel business:														
Average sale per occupied room *.....dollars..	3.10	2.98	2.94	2.99	3.12	2.95	2.94	3.01	2.89	3.00	2.85	2.97	2.98	
Rooms occupied.....percent of total..	61	57	60	64	61	56	63	66	65	63	64	64	61	
Foreign travel:														
Arrivals, U. S. citizens.....number..	51,903	50,177	27,479	14,202	13,648	16,674	20,991	30,678	24,808	20,010	21,038	30,346		
Departures, U. S. citizens.....number..	51,512	39,007	24,159	19,678	12,781	17,130	21,189	26,081	24,149	21,686	22,732	36,361		
Emigrants.....number..	4,111	4,430	3,352	3,708	2,984	2,980	1,926	2,108	2,134	2,643	2,527	2,780		
Immigrants.....number..	3,711	3,679	4,288	3,708	2,856	2,797	2,540	2,592	3,016	3,067	3,008	3,571		
Passports issued.....number..	8,198	7,587	4,814	4,174	4,202	4,121	5,098	4,918	8,071	15,509	27,725	31,305	16,980	
National parks:														
Visitors.....number..	588,314	723,320	268,398	77,723	41,210	36,112	69,648	68,894	98,701	98,856	163,493	373,432	672,064	
Automobiles.....number..	155,910	183,171	72,731	18,141	7,828	7,020	12,967	10,890	13,328	17,814	41,684	121,056	185,337	
Pullman Co.:														
Passengers carried.....thousands..	1,565	1,425	1,364	1,278	1,246	1,409	1,533	1,359	1,312	1,353	1,295	1,430	1,516	
Revenues, total.....thous. of dol.	5,211	4,374	4,251	4,143	3,864	4,094	5,035	4,326	4,479	4,438	4,163	4,705	5,019	
COMMUNICATIONS														
Telephones:*														
Operating revenues.....thous. of dol.	82,360	82,653	86,328	85,330	86,111	86,783	85,364	88,909	88,754	89,209	89,680	91,129		
Station revenues.....thous. of dol.	52,909	53,923	56,245	56,732	56,055	57,167	56,329	57,594	57,667	57,864	57,673	57,681		
Tolls, message.....thous. of dol.	22,189	21,402	22,630	21,213	22,314	21,895	21,271	23,459	23,298	23,486	24,116	25,406		
Operating expenses.....thous. of dol.	58,255	57,394	59,321	59,741	60,685	59,498	57,649	59,582	59,543	59,614	59,778	62,136		
Net operating income.....thous. of dol.	16,036	16,966	18,529	17,386	17,367	17,291	17,746	19,165	18,818	19,182	19,268	18,298		
Telephones in service, end of mo. thousands..	14,350	14,446	14,512	14,568	14,621	14,770	14,839	14,921	15,004	15,088	15,111	15,549		
Telegraphs and cables:														
Operating revenues.....thous. of dol.	9,568	9,375	9,830	9,096	10,245	9,223	8,978	10,046	9,996	9,907	10,551	10,534		
Commercial telegraph tolls, thous. of dol.	7,440	7,198	7,545	6,882	7,951	7,120	6,851	7,757	7,742	7,787	8,244	8,258		
Operating expenses.....thous. of dol.	7,959	7,682	7,989	7,708	8,475	8,050	7,793	8,288	8,156	8,302	8,513	8,718		
Operating income.....thous. of dol.	1,219	1,306	1,452	1,002	1,377	744	760	1,326	1,407	1,292	1,603	1,399		

Monthly statistics through December 1931, together with explanatory footnotes and references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey

1936	1935					1936						
August	August	September	October	November	December	January	February	March	April	May	June	July

CHEMICALS AND ALLIED PRODUCTS

CHEMICALS													
Alcohol:													
Denatured:													
Consumption (disposed of)													
thous. of wine gal.	6,949	8,359	10,064	17,947	10,816	7,950	6,143	5,954	5,645	5,942	6,864	7,302	6,117
Production	6,927	8,580	10,211	17,160	10,297	7,736	6,207	5,939	5,693	6,006	7,635	7,409	6,101
Stocks, end of month	2,635	2,959	3,148	2,351	1,836	1,632	1,739	1,718	1,767	1,836	2,607	2,707	2,666
Ethyl:													
Production	17,998	16,646	19,607	23,988	19,729	17,190	13,179	12,747	14,303	12,818	14,668	14,620	17,744
Stocks, warehoused, end of month	27,475	25,852	25,501	16,954	16,688	18,461	19,386	20,315	22,429	22,146	21,311	21,300	25,047
Withdrawn for denaturing	12,458	14,632	17,660	29,193	17,509	12,921	10,433	9,860	9,512	10,295	13,109	12,605	10,591
thous. of proof gal.	2,529	1,676	1,911	2,445	2,223	1,903	1,840	1,649	2,054	2,441	1,989	2,119	2,780
Tax paid*													
thous. of proof gal.													
Methanol:													
Exports, refined	48,400	36,422	51,490	102,296	39,230	63,733	105,895	40,843	73,349	41,915	40,897	19,496	18,090
Price, refined, wholesale, N. Y.													
dol. per gal.	.38	.38	.38	.38	.38	.38	.38	.38	.38	.38	.38	.38	.38
Production:													
Crude†	403,020	405,034	454,233	478,474	478,331	494,081	494,144	476,496	426,313	427,079	413,930	374,110	
Synthetic	1,389,812	1,539,554	2,508,978	2,373,475	1,654,794	1,418,863	1,540,171	1,631,832	1,692,921	1,754,998	1,863,405	1,950,825	
Explosives:													
Shipments†	32,567	23,957	27,940	29,498	28,876	25,509	28,492	28,825	25,514	27,483	30,394	31,471	30,484
Sulphur and sulphuric acid:													
Sulphur, production (quarterly)*			352,690			374,276			389,608			384,671	
Sulphuric acid (104 plants):													
Consumed in production of													
fertilizer	114,521	99,673	101,708	131,441	125,496	132,508	125,730	117,864	106,785	81,921	82,306	95,168	99,325
Price, wholesale, 66°, at works	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50
Production	141,501	123,209	130,260	149,729	153,792	172,823	156,878	152,860	141,339	119,565	126,419	122,681	121,166
Purchases:													
From fertilizer mfrs.	30,065	35,573	35,742	33,396	35,134	30,185	24,932	13,352	15,722	10,721	13,518	15,437	29,712
From others	23,353	10,632	12,111	17,540	18,946	22,492	22,193	15,111	15,988	12,273	16,725	26,922	21,111
Shipments:													
To fertilizer mfrs.	31,221	28,516	30,888	28,031	29,525	38,363	35,007	20,921	22,307	13,258	20,870	18,129	22,106
To others	45,962	48,404	46,717	50,802	45,478	51,110	47,163	37,170	54,306	55,451	53,492	49,744	53,351
FERTILIZER													
Consumption, Southern States†	61	44	95	151	86	124	341	545	1,402	1,023	249	84	44
Exports, total†	126,899	153,316	208,797	161,955	153,467	137,754	164,458	149,917	178,789	117,628	144,811	101,923	151,082
Nitrogenous†	9,131	39,752	28,507	34,219	36,216	17,723	34,025	36,326	31,552	17,515	19,767	7,400	13,311
Phosphate materials†	105,539	110,633	172,425	115,797	104,520	114,438	112,802	105,420	133,762	91,481	116,481	89,691	123,950
Prepared fertilizers	298	235	2,181	1,306	188	62	1,233	276	139	301	85	158	513
Imports, total†	64,514	34,800	51,317	71,956	155,686	143,580	149,473	218,892	173,708	189,085	140,334	75,888	64,619
Nitrogenous†	36,250	20,640	32,794	34,951	50,970	75,301	89,538	165,555	134,406	149,968	107,828	58,866	35,320
Nitrate of soda†	5,640	2,742	9,961	10,641	22,256	38,528	32,642	92,739	62,115	100,982	69,733	36,216	6,773
Phosphates†	4,450	1,248	1,206	4,104	4,166	8,075	4,299	6,332	4,252	3,368	7,348	4,619	1,779
Potash†	19,427	10,797	12,074	21,704	70,791	56,899	53,097	43,885	31,749	28,553	8,677	6,065	24,844
Price, nitrate of soda, 95 percent, N. Y.													
dol. per cwt.	1.325	1.275	1.275	1.275	1.275	1.275	1.275	1.285	1.325	1.325	1.325	1.325	1.325
Superphosphate, bulk:													
Production	256,792	221,772	226,317	281,892	288,307	320,800	298,073	259,374	257,728	216,558	203,945	225,485	243,162
Shipments to consumers	21,113	16,422	82,059	87,313	29,178	28,438	33,163	54,687	238,498	219,340	119,612	45,817	9,510
Stocks, end of month	845,381	979,038	1,013,399	1,102,407	1,199,542	1,217,767	1,190,315	1,137,700	953,739	742,105	702,335	721,243	770,790
NAVAL STORES													
Pine oil:													
Production	415,922	354,389	335,318	323,125	336,178	303,625	343,038	354,433	346,676	374,585	368,304	371,036	365,784
Rosin, gum:													
Price, wholesale "B", N. Y.	6.91	4.83	5.18	5.50	5.61	5.28	4.91	4.68	4.45	4.51	4.50	5.12	5.83
Receipts, net 3 ports, bbl. (500 lb.)	101,939	120,950	88,784	93,917	95,860	75,552	41,226	23,348	32,002	58,894	82,736	97,781	108,648
Stocks, 3 ports, end of month, bbl. (500 lb.)	188,065	324,539	310,697	306,658	334,226	315,021	271,749	222,638	156,291	144,782	144,258	156,592	173,946
Rosin, wood:													
Production	58,572	48,063	47,388	43,719	47,214	43,894	52,156	52,693	51,326	54,209	53,640	52,418	55,151
Stocks, end of month, bbl. (500 lb.)	76,110	86,730	86,485	70,311	72,861	72,901	80,278	83,021	83,346	87,257	93,152	92,945	79,128
Turpentine, gum:													
Price, wholesale, N. Y.	.43	.46	.45	.48	.49	.47	.48	.47	.42	.40	.38	.40	.42
Receipts, net, 3 ports, bbl. (50 gal.)	26,173	31,136	18,798	20,646	20,101	13,350	3,808	1,442	4,800	15,157	23,470	27,418	29,810
Stocks, 3 ports, end of month, bbl. (50 gal.)	113,983	131,960	131,273	134,539	142,625	145,216	135,959	125,285	114,789	99,320	99,562	105,141	108,550
Turpentine, wood:													
Production	8,785	7,324	7,550	6,910	7,474	7,355	9,042	8,740	8,580	8,662	8,636	8,093	8,523
Stocks, end of month, bbl. (50 gal.)	8,019	2,910	2,937	3,023	4,001	5,531	8,553	11,582	10,733	10,610	9,275	7,492	7,669
OILS, FATS, AND BYPRODUCTS													
Animal fats and byproducts and fish oils (quarterly):													
Animal fats: †													
Consumption, factory			203,048			210,541			176,605			208,694	
Production			275,430			319,916			384,461			396,837	
Stock, end of quarter			361,160			364,010			391,123			384,249	
Gelatin, edible:													
Production			2,853			5,323			5,597			5,656	
Stocks, end of quarter			6,841			7,987			8,590			8,853	
Greases: †													
Consumption, factory			45,324			52,121			46,813			46,611	
Production			64,399			68,942			71,680			75,208	
Stocks, end of quarter			66,856			63,645			68,243			69,354	
Lard compounds and substitutes: †													
Production			457,595			469,674			333,200			349,861	
Stocks, end of quarter			32,575			39,890			36,797			39,156	

* Revised.

† New series. For earlier data see p. 20 of the April 1935 issue (alcohol withdrawn tax paid), p. 20 of the April 1933 issue (production of crude methanol). Latter series or production revised for 1934 and 1935. Revisions not shown above will be published in a subsequent issue.

† Revised series, see p. 36 of the June 1933 issue, for 1932 revisions, exports and imports of fertilizer; for 1933 revisions on exports see p. 29 of the September 1934 issue; for 1934 revisions see p. 19 of the December 1935 issue; for revised data for crude methanol production for 1933, see p. 36 of the May 1934 issue. Quarterly data on fats and oils for the years 1932 and 1933 were shown on p. 19 of the March 1935 issue; for 1934 on p. 19 of the November 1935 issue. For revised series on explosives for period January 1920-October 1933 see p. 19 of the January 1934 issue.

▲ The refined equivalent of crude production is approximately 82 percent.

▲ Texas only. Louisiana produced 23 percent of the United States production in 1933, 16 percent in 1934, and 23 percent in 1935.

† Figures since January 1922 revised due to dropping of Missouri from Southern States classification. See p. 19 of the January 1934 issue.

See footnote on p. 37 of this issue. Monthly revisions for 1933 are shown on p. 20 of the October 1934 issue; for 1934 revisions see p. 20 of the December 1935 issue.

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July

CHEMICALS AND ALLIED PRODUCTS—Continued

OILS, FATS, AND BYPRODUCTS—Con.													
Animal fats and byproducts and fish oils—Continued.													
Fish oils (quarterly):†													
Consumption, factory.....thous. of lb.			63,346			67,328			65,874			67,334	
Production.....thous. of lb.			67,249			117,078			45,364			12,006	
Stocks, end of quarter.....thous. of lb.			187,916			212,667			205,121			147,700	
Vegetable oils and products:													
Vegetable oils, total:													
Consumption, factory (quarterly)†													
Exports.....thous. of lb.	405	696	383	237	338	329	526	181	648	478	557	245	490
Imports#.....thous. of lb.	77,886	89,492	92,174	87,810	79,966	114,354	94,611	77,063	82,003	107,837	87,928	75,455	84,553
Production (quarterly)†.....thous. of lb.			456,913			950,784			707,370			400,555	
Stocks, end of quarter:†													
Crude.....thous. of lb.			536,998			632,757			743,420			628,160	
Refined.....thous. of lb.			355,800			477,563			593,446			492,852	
Copra and coconut oils:													
Copra:													
Consumption, factory (quarterly)													
Imports#.....short tons	14,789	10,330	19,535	27,433	32,019	22,873	13,297	24,511	14,976	16,971	11,908	11,636	17,416
Stocks, end of quarter.....short tons			29,565			40,039			31,902			16,896	
Coconut or copra oil:													
Consumption, factory:													
Crude (quarterly)†.....thous. of lb.			130,395			135,073			137,153			140,350	
Refined, total (quarterly)†													
.....thous. of lb.			101,105			105,252			99,594			84,904	
In oleomargarine.....thous. of lb.	11,749	13,056	16,372	15,275	15,024	17,946	27,108	22,532	12,334	9,979	14,820	9,554	33,835
Imports#.....thous. of lb.	14,273	29,770	25,965	31,055	21,985	45,122	23,507	37,972	40,336	32,569			
Production (quarterly):													
Crude.....thous. of lb.			61,569			84,509			69,894			72,049	
Refined.....thous. of lb.			91,345			93,006			87,262			83,629	
Stocks, end of quarter:†													
Crude.....thous. of lb.			109,836			127,994			129,419			129,894	
Refined.....thous. of lb.			23,560			23,992			17,973			16,074	
Cottonseed and products:													
Cottonseed:†													
Consumption (crush).....short tons	102,451	*143,385	436,027	741,295	634,326	518,673	456,656	350,614	252,065	133,666	70,992	42,253	32,253
Receipts at mills.....short tons	252,834	*201,921	760,691	1,096,758	693,101	451,299	244,044	85,646	80,564	31,670	23,982	25,831	15,094
Stock at mills, end of month.....short tons	168,145	*148,111	472,566	828,029	886,804	849,430	636,818	371,850	200,349	98,353	51,343	34,921	17,762
Cottonseed cake and meal:													
Exports.....short tons	506	80	1,420	2,418	1,403	1,382	189	2,567	781	74	38	38	115
Production.....short tons	46,774	*64,547	194,282	336,139	287,362	231,337	207,346	163,342	114,640	63,599	36,009	19,954	18,551
Stocks at mills, end of month.....short tons	45,561	*177,489	196,095	253,294	312,279	355,432	358,752	322,211	285,958	202,429	166,272	118,886	68,905
Cottonseed oil, crude:†													
Production.....thous. of lb.	29,787	*43,122	127,816	225,168	193,025	154,286	135,623	107,792	81,055	43,137	24,743	14,408	10,344
Stocks, end of month.....thous. of lb.	26,547	*27,830	74,537	110,557	119,314	131,843	128,018	126,446	113,413	85,206	62,602	36,147	18,707
Cottonseed oil, refined:													
Consumption, factory (quarterly)†			360,590			361,863			241,169			263,502	
In oleomargarine.....thous. of lb.	7,608	6,403	6,714	6,610	8,549	9,120	8,628	10,700	8,178	8,347	7,361	6,649	7,612
Price, summer yellow, prime, N. Y. dol. per lb.	.101	.099	.102	.104	.103	.107	.101	.097	.094	.094	.088	.091	.098
Production†.....thous. of lb.	22,725	*38,184	73,430	161,333	176,261	139,331	126,945	114,079	84,935	65,190	41,006	41,025	29,476
Stocks, end of month.....thous. of lb.	237,220	*342,818	287,347	289,326	343,550	401,284	453,990	489,195	504,033	487,536	460,727	408,965	319,015
Flaxseed and products:													
Flaxseed:													
Imports, United States#.....thous. of bu.	671	1,129	1,322	930	1,254	1,690	886	1,414	1,496	1,037	1,244	747	117
Minneapolis and Duluth:													
Receipts.....thous. of bu.	1,539	985	4,009	3,148	952	415	229	99	224	172	270	542	255
Shipments.....thous. of bu.	665	81	389	1,299	1,266	208	142	119	131	95	160	181	291
Stocks, end of month.....thous. of bu.	668	344	2,040	3,326	2,597	2,153	1,928	1,640	1,246	791	535	348	285
Oil mills:†													
Consumption, quarterly.....thous. of bu.			5,998			8,264			7,094			5,168	
Stocks, end of quarter.....thous. of bu.			3,005			4,270			2,434			2,222	
Price No. 1, Minneapolis dol. per bu.	2.15	1.53	1.68	1.79	1.80	1.83	1.57	1.84	1.76	1.72	1.69	1.77	2.06
Production, crop estimate.....thous. of bu.	*6,310					14,123							
Stocks, Argentina, end of month.....thous. of bu.	5,906	2,322	4,331	3,543	2,559	1,969	3,150	4,231	5,315	6,299	6,693	5,906	6,299
Linseed cake and meal:													
Exports.....thous. of lb.	24,140	41,787	35,356	37,430	40,983	59,293	39,399	36,225	42,379	33,233	27,117	25,794	20,469
Shipments from Minneapolis.....thous. of lb.	11,365	12,506	21,527	22,647	19,509	22,245	21,782	15,244	21,748	23,715	15,649	15,104	12,891
Linseed oil:													
Consumption, factory (quarterly)†			73,812			75,404			65,574			84,129	
Price, wholesale, N. Y. dol. per lb.	.103	.087	.089	.097	.097	.101	.101	.100	.098	.095	.094	.095	.100
Production (quarterly)†.....thous. of lb.			116,667			156,569			132,137			100,119	
Shipments from Minn.....thous. of lb.	5,106	5,233	10,235	13,320	6,854	4,069	8,605	7,853	10,200	9,372	13,808	12,932	7,273
Stocks at factory, end of quarter.....thous. of lb.			106,332			146,532			187,466			140,666	
Oleomargarine:													
Consumption (tax-paid withdrawals).....thous. of lb.	31,805	26,193	32,440	32,430	35,501	32,831	37,338	37,851	32,368	32,464	26,941	22,549	26,796
Price, standard, uncolored, Chicago dol. per lb.	.134	.130	.130	.142	.145	.145	.145	.145	.145	.143	.130	.125	.125
Production.....thous. of lb.	30,351	25,793	31,855	32,261	33,962	33,506	36,558	38,835	33,794	32,302	25,580	25,834	27,695
Vegetable shortenings:**													
Price, tierces, Chicago.....dol. per lb.	.124	.130	.130	.128	.128	.125	.122	.118	.117	.117	.109	.107	.117

* September 1 estimate.

† December 1 estimate.

* For earlier data on vegetable shortening price, see p. 18 of the January 1934 issue.

† Revised series: Monthly data on cottonseed and cottonseed products for the year ended July 1932 were shown on p. 20 of the February 1933 issue; revisions for each month of 1933 were shown when monthly data for 1934 became available; revisions for year 1934 were shown on p. 35 of the November 1934 issue and for year ended July 1935 on p. 20 of the November 1935 issue. For exports of cottonseed cake and meal for the year 1932, see p. 37 of the June 1933 issue. Data revised for 1933, see p. 19 of the September 1934 issue; for 1934 revisions, see p. 19 of the December 1935 issue. For revised data on imports of vegetable oils for 1932, see p. 17 of the June 1933 issue; for 1933, p. 20 of the October 1934 issue; and for 1934, p. 20 of the December 1935 issue. Quarterly data on fats and oils for the years 1932 and 1933 were shown on p. 19 of the March 1935 issue; for 1934 on p. 19 of the November 1935 issue.

* See footnote on p. 37 of the October 1934 issue. Data revised for 1933; see p. 20 of the October 1934 issue; for 1934 revisions, see p. 20 of the December 1935 issue.

* This series prior to September 1935 was listed as "Lard Compound."

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July

CHEMICALS AND ALLIED PRODUCTS—Continued

PAINTS													
Paints, varnish, lacquer, and filler products:†													
Total sales.....thous. of dol.....	33,380	28,502	28,536	32,853	25,427	20,039	23,804	20,181	29,912	36,209	40,950	38,736	33,919
Classified.....thous. of dol.....	22,238	19,214	19,039	22,132	17,856	14,271	16,355	14,363	20,728	25,190	28,026	26,587	23,393
Industrial.....thous. of dol.....	9,095	7,777	7,985	9,519	8,986	7,561	8,188	7,162	9,282	11,021	10,746	10,795	10,287
Trade.....thous. of dol.....	13,243	11,438	11,054	12,613	8,870	6,710	8,167	7,201	11,446	14,178	17,280	15,792	13,106
Unclassified (235 estab.)§.....thous. of dol.....	11,041	9,287	9,497	10,721	7,751	5,768	7,448	5,818	9,185	11,010	12,924	12,140	10,526
Plastic, cold-water paints, and calcimines:													
Sales:													
Calcimines.....dollars.....	297,878	266,689	274,829	264,306	212,871	205,543	280,896	199,183	293,756	348,953	361,356	306,656	261,462
Plastic paints.....dollars.....	50,267	29,261	27,463	34,414	31,760	21,468	31,292	27,734	44,520	47,407	51,758	54,817	49,389
Cold-water paints.....dollars.....	133,825	107,877	102,379	105,306	77,784	72,918	89,730	76,971	134,803	147,160	175,088	158,285	139,565
CELLULOSE PLASTIC PRODUCTS													
Nitro-cellulose:*													
Sheets, rods, and tubes:													
Production.....thous. of lb.....	1,463	1,285	1,551	1,660	1,298	1,469	1,230	1,322	1,224	1,388	1,345	1,154	1,225
Shipments.....thous. of lb.....	1,501	1,294	1,435	1,598	1,420	1,398	1,252	1,148	1,239	1,319	1,288	1,206	1,198
Cellulose-acetate:*													
Sheets, rods, and tubes:													
Production.....thous. of lb.....	1,162	595	882	1,299	1,265	948	869	597	785	1,221	980	1,061	1,002
Shipments.....thous. of lb.....	1,468	578	884	1,239	1,114	859	934	546	939	1,097	921	850	746
ROOFING													
Dry roofing felt:													
Production.....short tons.....	21,833	20,668	20,419	24,716	16,851	15,780	17,266	19,313	22,528	23,713	22,391	21,956	20,209
Stocks, end of month.....short tons.....	9,550	7,730	7,376	6,962	7,577	8,935	8,677	7,902	7,999	7,086	8,630	10,479	10,583
Prepared roofing shipments:†													
Total.....thous. squares.....	2,994	2,768	3,102	3,180	1,952	1,186	1,668	3,139	2,451	2,744	2,103	2,330	2,509
Grit roll.....thous. squares.....	783	667	834	850	498	270	366	660	566	634	566	653	637
Shingles (all types).....thous. squares.....	908	815	766	809	482	308	341	565	681	887	740	764	784
Smooth roll.....thous. squares.....	1,303	1,286	1,501	1,461	972	607	961	1,914	1,205	1,223	797	913	1,088

ELECTRIC POWER AND GAS

ELECTRIC POWER													
Production, total†.....mills. of kw.-hr.....	9,739	8,576	8,206	8,847	8,690	9,139	9,246	8,599	8,904	8,892	9,085	* 9,124	* 9,628
By source:													
Fuelst.....mills. of kw.-hr.....	6,674	5,246	5,182	5,975	5,432	5,850	5,881	5,681	5,114	4,878	5,163	* 5,853	* 6,488
Water power†.....mills. of kw.-hr.....	3,064	3,330	3,024	2,872	3,258	3,288	3,365	2,918	3,790	4,014	3,923	* 3,271	* 3,140
By type of producer:													
Central station†.....mills. of kw.-hr.....	9,179	8,078	7,731	8,361	8,209	8,588	8,747	8,118	8,423	8,417	8,604	* 8,594	* 9,067
Street railways, manufacturing plants, etc.....mills. of kw.-hr.....	560	498	475	486	481	551	499	481	481	475	481	530	561
Sales of electrical energy:													
Sales to ultimate consumers, total (Edison Elec. Inst.).....mills. of kw.-hr.....	6,614	6,635	6,823	6,927	7,029	7,278	6,999	6,913	7,069	7,085	7,264	7,519	7,519
Domestic service.....mills. of kw.-hr.....	1,073	1,135	1,186	1,289	1,368	1,466	1,340	1,254	1,223	1,165	1,144	1,159	1,159
Commercial-retail.....mills. of kw.-hr.....	1,177	1,192	1,220	1,293	1,361	1,403	1,324	1,256	1,281	1,266	1,275	1,317	1,317
Commercial-wholesale.....mills. of kw.-hr.....	3,734	3,676	3,726	3,624	3,493	3,567	3,514	3,649	3,542	3,975	4,197	4,362	4,362
Municipal street lighting.....mills. of kw.-hr.....	180	189	207	217	227	234	219	209	193	180	159	171	171
Railroads:													
Electrified steam.....mills. of kw.-hr.....	67	67	73	79	86	100	96	83	86	77	74	99	99
Street and interurban.....mills. of kw.-hr.....	333	328	360	368	439	446	435	394	375	354	346	342	342
Revenues from ultimate consumers (Edison Elec. Inst.).....thous. of dol.....	156,038	159,073	162,789	169,339	173,459	179,141	171,220	165,650	165,703	164,015	164,007	167,672	167,672
GAS													
Manufactured gas:†													
Customers, total.....thousands.....	9,956	10,023	10,033	9,994	10,005	9,960	9,972	9,973	10,011	10,098	10,080	10,106	10,106
Domestic.....thousands.....	9,407	9,473	9,467	9,421	9,425	9,333	9,346	9,343	9,378	9,465	9,454	9,484	9,484
House heating.....thousands.....	104	106	121	128	131	133	135	129	132	136	130	129	129
Industrial and commercial.....thousands.....	433	435	434	437	439	485	481	487	488	485	485	485	485
Sales to consumers.....millions of cu. ft.....	24,479	27,492	29,897	30,164	33,480	35,960	36,611	34,129	33,018	31,334	29,531	27,249	27,249
Domestic.....millions of cu. ft.....	16,673	19,189	20,008	18,543	18,679	19,922	20,146	19,219	18,781	18,866	18,941	17,279	17,279
House heating.....millions of cu. ft.....	387	550	1,571	3,223	5,716	6,669	7,053	5,282	4,223	2,805	1,032	636	636
Industrial and commercial.....millions of cu. ft.....	7,288	7,600	8,134	8,206	8,861	9,143	9,190	9,422	9,827	9,493	9,412	9,156	9,156
Revenue from sales to consumers.....thous. of dol.....	27,137	30,140	31,753	31,308	33,013	34,555	34,653	32,887	32,093	31,839	30,699	28,689	28,689
Domestic.....thous. of dol.....	21,539	24,140	24,697	23,416	23,336	23,800	23,322	22,742	22,885	23,820	23,693	22,123	22,123
House heating.....thous. of dol.....	313	475	1,150	1,849	3,291	4,113	4,612	3,514	2,585	1,553	773	499	499
Industrial and commercial.....thous. of dol.....	5,175	5,415	5,782	5,912	6,244	6,495	6,571	6,490	6,476	6,336	6,127	5,966	5,966
Natural gas:†													
Customers, total.....thousands.....	5,835	5,880	5,947	6,018	6,039	5,987	6,004	6,033	6,027	6,033	6,011	6,010	6,010
Domestic.....thousands.....	5,427	5,468	5,510	5,552	5,563	5,515	5,532	5,559	5,560	5,578	5,581	5,586	5,586
Industrial and commercial.....thousands.....	407	411	435	464	474	470	469	472	465	453	429	422	422
Sales to consumers.....millions of cu. ft.....	71,519	75,325	85,028	99,714	113,418	123,778	136,242	113,823	106,193	92,639	85,014	82,696	82,696
Domestic.....millions of cu. ft.....	12,519	14,135	18,556	26,726	36,325	43,715	50,131	38,942	31,859	23,658	16,854	13,735	13,735
Industrial and commercial.....millions of cu. ft.....	58,049	60,273	65,252	71,691	75,680	78,980	84,673	73,442	72,770	67,588	67,137	68,121	68,121
Revenues from sales to consumers.....thous. of dol.....	20,776	22,120	25,805	32,099	38,525	44,312	48,116	39,732	35,475	29,251	24,812	22,904	22,904
Domestic.....thous. of dol.....	10,316	11,262	13,677	18,316	23,635	27,964	30,581	24,667	21,034	16,429	12,703	10,913	10,913
Industrial and commercial.....thous. of dol.....	10,321	10,718	11,958	13,591	14,981	16,178	17,296	14,846	14,219	12,635	11,980	11,863	11,863

* Revised.

† New series. For earlier data see p. 19 of the May 1935 issue, manufactured and natural gas. Series on cellulose products prior to January 1933 not available.

‡ Revised series. Data revised beginning with January 1932; see p. 39 of the April 1935 issue. Revisions for period January 1932 to January 1934, inclusive, will be shown in a subsequent issue.

§ For revised data for electric-power production for 1932 see pp. 38 and 56 of the May 1933 issue; for 1933 see p. 38 of the May 1934 issue; 1934 and 1935 data also revised. Revisions not shown in the June 1935 issue and in the May 1936 issue will appear in a subsequent number. Manufactured and natural-gas statistics for the years 1929-35 have been revised. Revised data on manufactured gas appeared on p. 20 of the June 1936 issue, and revised data for the natural gas on p. 19 of the August 1936 issue.

¶ For revised data on paint, varnish, and lacquer products for the years on "total" for 1928-35 and "unclassified" for years 1932-35 see p. 20 of the November 1935 issue.

Monthly statistics through December 1931, together with explanatory footnotes and references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey

	1936	1935					1936						
	August	August	September	October	November	December	January	February	March	April	May	June	July
FOODSTUFFS AND TOBACCO													
BEVERAGES													
Fermented malt liquors:*													
Consumption (tax-paid withdrawals)													
Production.....thous. of bbl.	5,938	5,332	3,931	3,790	3,366	3,104	2,679	2,685	3,738	3,887	5,041	5,600	6,670
Stocks, end of month.....thous. of bbl.	5,771	5,107	3,868	3,735	3,221	3,219	3,335	2,932	4,433	4,970	5,418	6,061	6,791
Distilled spirits:*	8,122	6,924	6,690	6,496	6,204	6,205	6,640	6,802	7,333	8,208	8,409	8,633	8,525
Consumption (tax-paid withdrawals)†													
Whisky.....thous. of proof gal.	5,200	4,535	7,020	7,807	9,045	8,219	6,019	6,173	6,203	6,177	5,666	5,229	5,823
Production, total.....thous. of proof gal.	4,279	3,758	6,372	7,076	8,237	7,315	5,421	5,687	5,531	5,390	4,760	4,258	4,643
Whisky.....thous. of proof gal.	19,763	14,089	16,238	23,002	25,000	24,412	21,910	19,804	22,691	23,251	23,373	24,274	21,720
Stocks, end of month.....thous. of proof gal.	17,824	13,067	13,989	16,549	18,301	19,910	20,340	18,838	21,612	21,917	22,158	22,693	19,994
Rectified spirits:	339,820	180,268	187,729	195,796	205,382	215,518	230,425	242,830	258,221	273,798	290,739	310,793	325,990
Alcohol, ethyl, withdrawn tax paid (see p. 39):	328,808	172,363	180,066	188,423	197,788	207,154	221,602	233,797	248,946	264,389	281,208	300,653	315,936
Consumption (tax-paid withdrawals)*													
thous. of proof gal.	1,936	1,385	2,019	2,614	2,969	2,998	2,304	2,028	2,335	2,367	2,044	1,937	2,159
DAIRY PRODUCTS													
Butter:													
Consumption, apparent*†.....thous. of lb.	152,150	149,886	148,201	144,921	137,264	127,594	122,114	123,524	131,896	162,006	132,596	122,804	
Price, N. Y., wholesale (92-score)													
dol. per lb.	.36	.25	.26	.28	.32	.34	.35	.37	.32	.31	.27	.30	.34
Production (factory)†.....thous. of lb.	139,363	159,285	141,786	119,748	96,462	105,447	108,172	106,688	120,162	130,928	178,028	185,223	152,001
Receipts, 5 markets.....thous. of lb.	44,792	53,000	48,294	42,149	32,898	35,734	42,257	41,211	45,829	48,379	56,537	69,435	54,676
Stocks, cold storage, creamery, end of month.....thous. of lb.	112,143	156,855	148,822	120,210	71,948	40,117	21,502	8,217	5,346	4,997	21,157	73,816	103,259
Cheese:													
Consumption, apparent†.....thous. of lb.	59,167	56,840	63,891	52,982	46,700	54,879	53,651	57,436	62,127	70,165	76,150	60,370	
Imports.....thous. of lb.	6,452	3,647	3,632	6,015	5,880	3,022	3,240	3,794	5,693	4,217	3,152	4,257	5,463
Price, no. 1 Amer. N. Y.....dol. per lb.	.21	.16	.17	.17	.18	.19	.18	.17	.15	.15	.17	.20	
Production (factory)†.....thous. of lb.	57,693	66,791	59,491	53,315	39,464	38,782	43,841	39,809	45,317	48,816	65,339	83,132	63,922
American whole milk†.....thous. of lb.	44,451	53,101	47,448	41,157	27,598	26,912	29,455	27,051	32,409	37,089	52,395	67,101	53,032
Receipts, 5 markets.....thous. of lb.	15,981	16,687	16,384	16,836	15,423	11,488	10,416	13,339	15,104	13,398	14,206	21,191	18,479
Stocks, cold storage, end of month†	107,553	105,851	114,953	111,731	104,661	99,572	90,890	79,556	73,952	67,776	70,783	85,798	97,403
American whole milk†.....thous. of lb.	90,341	92,767	102,661	100,670	92,912	86,537	78,197	68,363	62,261	55,756	56,946	70,282	80,735
Milk:													
Condensed and evaporated:													
Production:†													
Condensed (sweetened).....thous. of lb.	19,274	16,923	18,918	17,581	16,856	21,405	19,833	21,254	23,328	22,140	28,864	33,537	29,339
Evaporated (unsweetened)§													
thous. of lb.	183,428	160,522	134,809	105,710	86,337	101,604	118,301	112,704	144,222	181,552	248,258	266,199	211,299
Exports:													
Condensed (sweetened).....thous. of lb.	60	242	235	275	332	474	147	257	229	246	262	465	86
Evaporated (unsweetened)													
thous. of lb.	2,118	1,582	2,383	2,108	2,646	2,585	1,810	2,719	2,463	1,765	2,138	1,696	1,828
Prices, wholesale, N. Y.:													
Condensed (sweetened).....dol. per case..	4.85	4.85	4.85	4.85	4.85	4.85	4.85	4.85	4.85	4.85	4.85	4.85	4.85
Evaporated (unsweetened)													
dol. per case..	3.40	2.80	2.80	2.80	2.90	3.12	3.15	3.15	3.15	3.15	3.15	3.15	3.28
Stocks, manufacturers, end of month:													
Condensed (sweetened):													
Bulk goods.....thous. of lb.	12,112	11,648	8,333	5,497	3,373	2,931	2,845	2,329	2,741	4,588	9,374	14,664	13,654
Case goods.....thous. of lb.	11,116	18,460	17,349	14,678	11,097	8,829	6,044	3,659	2,963	3,741	8,252	11,275	11,188
Evaporated (unsweetened):													
Case goods.....thous. of lb.	102,021	358,780	343,132	229,065	91,250	72,916	66,094	45,375	42,597	61,775	141,774	186,359	99,638
Fluid milk:													
Consumption in oleomargarine													
thous. of lb.	5,847	5,371	6,515	6,506	6,787	6,932	7,396	7,555	6,622	6,529	5,029	5,521	5,258
Production, Minn. and St. Paul													
thous. of lb.	28,098	27,869	24,773	23,075	22,738	28,022	31,578	30,919	35,548	36,039	41,673	42,051	32,183
Receipts:													
Boston, incl. cream.....thous. of qt.	18,431	16,529	17,768	17,160	16,210	16,380	15,308	15,266	15,694	17,387	16,550	18,142	
Greater New York*.....thous. of qt.	107,630	107,265	109,639	105,925	109,377	111,875	104,459	114,536	110,640	120,137	114,657	117,126	
Powdered milk:													
Exports.....thous. of lb.	312	243	282	252	234	219	305	268	268	352	428	383	
Orders, net, new.....thous. of lb.	16,239	14,844	13,559	13,254	12,654	10,952	10,720	12,316	14,778	13,837	16,131		
Stocks, mfrs. end of mo.....thous. of lb.	24,745	34,698	29,702	23,166	14,580	10,121	9,212	8,485	9,435	11,225	21,252	32,007	29,264
FRUITS AND VEGETABLES													
Apples:													
Production, crop estimate.....thous. of bu.	105,856					167,283							
Shipments car lot.....carloads..	1,024	1,605	6,855	18,836	7,546	5,378	4,740	6,283	5,414	4,563	2,281	863	1,373
Stocks, cold storage, end of month													
thous. of bbl.			2,510	10,276	11,018	9,686	8,225	5,976	3,769	1,783	668		
Citrus fruit, car lot shipments†.....carloads..	6,536	8,428	6,800	8,911	11,153	14,450	13,260	13,516	15,016	14,628	13,539	11,050	9,522
Onions, car lot shipments†.....carloads..	1,479	1,744	3,420	3,654	2,392	1,518	2,592	2,625	1,838	3,645	3,858	3,614	1,018
Potatoes:													
Price, white, N. Y.....dol. per 100 lb.	1.863	.706	.906	1.120	1.800	1.700	1.656	1.700	1.820	2.406	2.519	3.665	2.456
Production, crop estimate.....thous. of bu.	311,951					387,678							
Shipments, car lot.....carloads..	12,371	9,097	12,362	19,491	13,854	11,356	16,810	19,560	24,388	18,718	17,114	18,598	14,425

* Revised.

§ Bulk evaporated milk not included since December 1931.

* Sept. 1 estimate.

† Dec. 1 estimate.

*New series. Beverage figures are compiled by the U. S. Treasury, Alcohol Tax Unit. Monthly data on distilled spirits available beginning July 1933 and on fermented malt liquors, April 1933. For earlier data for receipts of milk in Greater New York see p. 20 of the August 1934 issue. See p. 19 of the June 1933 issue for butter consumption. Data on consumption of rectified spirits are as indicated by the sale of stamps. Data prior to April 1933 not published.

†See footnote on p. 37 of this issue. Data for 1933 also revised, see p. 20 of the October 1934 issue. For 1934 revisions see p. 20 of the December 1935 issue.

‡Revised series. For revisions refer to the indicated pages of the monthly issues, as follows: For 1931 on apparent consumption of cheese, production of total and American whole-milk cheese, and production of condensed and evaporated milk, p. 20, January 1933. For earlier data on stocks (cold-storage holdings) of total and American whole-milk cheese, p. 19, April 1933. For 1932 revised data on production of factory and American whole-milk cheese, production of condensed and evaporated milk, p. 39, September 1933. For subsequent revisions for 1932 on production of evaporated milk, see p. 39, November 1933. For 1932 and 1933 revisions on butter and cheese consumption and 1933 revisions on production of butter, cheese, condensed and evaporated milk, see p. 19 of the March 1935 issue. For 1934 revisions on production of butter, cheese, condensed and evaporated milk, and apparent consumption of butter and cheese see p. 19 of the November 1935 issue, and revisions not shown above for 1935 will appear in a subsequent issue. For final revision for 1933, car lot shipments of apples, citrus fruits, onions, and potatoes, see p. 20, January 1935 issue, and for 1934 revisions see p. 20 of the November 1935 issue. Data on consumption of distilled spirits revised to include brandy tax paid direct from fruit distilleries. For revisions see p. 39 of the March 1935 issue.

•Consumption of distilled spirits (withdrawn tax paid) plus brandy tax paid direct from fruit distillers plus ethyl alcohol withdrawn tax paid (see p. 39) equals Bureau of Internal Revenue total of distilled spirits withdrawn tax paid.

Monthly statistics through December 1931, together with explanatory footnotes and references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey

1936	1935					1936						
August	August	September	October	November	December	January	February	March	April	May	June	July

FOODSTUFFS AND TOBACCO—Continued

GRAIN AND PRODUCTS													
Exports, principal grains, including flour and malt ¹thous. of bu..	3,442	2,003	3,449	2,777	2,601	2,481	2,144	1,683	2,156	1,842	2,530	2,733	2,087
Barley:													
Exports, including malt ¹thous. of bu..	1,614	581	1,953	1,138	872	1,240	823	359	573	323	806	704	533
Price, no. 2, Minn.:.....dol. per bu..	1.22	.52	.58	.61	.56	.59	.67	.66	.66	.68	.64	.64	.87
Straight ²dol. per bu..	1.24	.59	.69	.65	.62	.66	.69	.71	.69	.71	.67	.70	.92
Production, crop estimate.....thous. of bu..	144,847					282,226							
Receipts, principal markets ³thous. of bu..	16,583	7,645	13,730	9,923	7,827	4,809	6,142	3,826	7,845	5,966	5,565	5,893	5,992
Visible supply, end of month ⁴thous. of bu..	12,136	6,412	12,009	16,087	16,571	15,474	15,124	13,443	12,978	11,894	11,241	9,578	7,017
Corn:													
Exports, including malt ¹thous. of bu..	82	74	28	46	42	32	48	52	70	34	109	219	106
Grindings.....thous. of bu..	6,763	3,917	4,710	6,232	5,894	6,128	6,356	6,113	7,088	6,204	6,240	5,404	6,283
Prices, wholesale:													
No. 3, yellow (Kansas City).....dol. per bu..	1.15	.84	.78	.81	.62	.61	.62	.67	.63	.63	.62	.62	.94
No. 3, white (Chicago).....dol. per bu..	1.24	.84	.82	.85	.64	.56	(1)	.62	.58	.64	.67	.71	1.01
Production, crop estimate.....thous. of bu..	4,458,295					2,291,629							
Receipts, principal markets.....thous. of bu..	15,569	6,146	7,129	9,544	18,879	18,729	14,466	13,640	18,003	17,497	16,227	24,215	17,614
Shipments, principal markets.....thous. of bu..	7,711	3,342	3,102	3,812	7,256	8,828	8,133	7,494	7,750	8,508	11,320	15,194	11,926
Visible supply, end of month ⁴thous. of bu..	4,787	6,821	3,932	2,481	4,884	7,685	6,802	5,008	7,955	8,673	6,511	7,743	4,908
Oats:													
Exports, including oatmeal ¹thous. of bu..	89	70	142	105	83	77	70	80	88	62	81	425	59
Price, no. 3, white (Chicago).....dol. per bu..	.44	.29	.30	.30	.20	.29	.30	.30	.28	.28	.27	.28	.37
Production, crop estimate.....thous. of bu..	776,661					1,196,668							
Receipts, principal markets.....thous. of bu..	15,205	28,907	21,300	12,089	6,201	4,489	5,652	4,450	8,768	4,991	5,866	6,200	16,863
Visible supply, end of month ⁴thous. of bu..	51,715	25,068	41,430	45,863	46,637	42,012	41,123	40,213	37,648	35,493	31,282	31,394	39,253
Rice:													
Exports ⁵pockets 100 lb..	6,124	35,182	90,194	148,651	342,068	90,247	51,059	29,792	6,986	4,241	9,823	713	890
Imports ⁶pockets 100 lb..	104,099	12,412	14,056	21,932	19,769	25,040	27,839	73,988	79,589	60,932	76,870	97,490	62,339
Price, wholesale, head, clean, New Orleans.....dol. per lb..	.043	.040	.040	.040	.040	.040	.039	.039	.039	.040	.042	.043	.043
Production, crop estimate.....thous. of bu..	44,137					38,132							
Southern States (La., Tex., Ark., and Tenn.):													
Receipts, rough rice, at mills.....thous. of bbl. (162 lb.)	304	272	930	2,402	1,796	657	845	483	232	161	129	60	20
Shipments from mills (milled rice) total ⁷thous. of pockets (100 lb.)	331	331	591	1,224	882	538	1,019	1,070	979	788	529	318	287
Stocks, domestic, rough and cleaned (in terms of cleaned rice) end of month.....thous. of pockets (100 lb.)	321	333	709	1,999	2,968	3,136	3,044	2,554	1,855	1,244	863	609	342
Rye:													
Exports, including flour.....thous. of bu..	0	0	2	0	2	0	1	0	0	0	0	3	0
Price, no. 2, Minneapolis.....dol. per bu..	.83	.45	.47	.52	.49	.49	.53	.57	.52	.50	.52	.58	.75
Production, crop estimate.....thous. of bu..	27,095					58,928							
Receipts, principal markets ³thous. of bu..	1,540	2,212	2,461	2,754	1,991	1,169	1,061	763	1,324	970	2,297	1,422	1,630
Visible supply, end of month ⁴thous. of bu..	6,674	7,060	8,367	9,088	9,660	9,022	8,412	7,642	7,555	7,176	6,869	6,379	6,080
Wheat:													
Exports:													
Wheat, including flour.....thous. of bu..	1,657	1,278	1,324	1,489	1,602	1,132	1,202	1,192	1,425	1,423	1,534	1,382	1,389
Wheat only.....thous. of bu..	222	8	14	14	30	34	13	28	30	16	34	26	26
Prices, wholesale:													
No. 1 Dark Northern Spring, Minn. ⁸dol. per bu..	1.47	1.27	1.33	1.34	1.28	1.28	1.33	1.31	1.24	1.23	1.14	1.24	1.36
No. 2 Red Winter, St. Louis.....dol. per bu..	1.17	.92	1.03	1.10	1.05	1.06	1.09	1.09	1.08	1.07	1.02	.95	1.06
No. 2 Hard Winter, K. C.dol. per bu..	1.22	1.04	1.15	1.19	1.13	1.11	1.13	1.10	1.06	1.02	.95	.96	1.11
Weighted average of markets, all grades.....dol. per bu..	1.27	.98	1.03	1.07	.98	1.00	1.07	1.07	.98	.95	.90	.96	1.10
Production, crop estimate, total.....thous. of bu..	630,241					623,444							
Spring wheat.....thous. of bu..	111,144					159,241							
Winter wheat.....thous. of bu..	519,097					464,203							
Receipts.....thous. of bu..	29,495	48,169	42,289	27,883	14,501	9,433	9,277	5,474	9,788	7,417	11,103	14,819	84,222
Shipments.....thous. of bu..	18,214	14,997	15,595	14,695	12,403	7,151	7,964	6,782	9,289	7,745	12,970	12,363	27,210
Stocks, visible supply, world.....thous. of bu..	359,920	418,130	443,400	436,690	484,010	488,910	427,650	350,190	335,340	284,970	244,020	275,131	275,131
Canada.....thous. of bu..	113,276	186,114	219,903	259,869	257,424	259,928	243,631	223,725	206,823	189,250	160,107	140,346	116,409
United States ⁹thous. of bu..	84,764	64,198	78,631	82,406	80,371	74,730	68,010	58,164	49,537	41,482	32,073	25,125	72,733
Stocks, held by mills (quarterly).....thous. of bu..			155,791			139,774			86,097			62,642	
Wheat flour:													
Consumption (computed) ¹⁰thous. of bbl..	11,402	7,646	8,567	10,703	10,373	9,923	9,386	9,022	9,035	8,090	8,009	7,694	10,064
Exports ¹¹thous. of bbl..	305	270	279	314	335	234	253	248	297	299	319	289	290
Grinding of wheat.....thous. of bu..	42,087	37,141	41,686	45,664	38,254	33,123	40,042	38,987	38,273	36,453	35,328	36,637	43,660
Prices, wholesale:													
Standard Patents, Minn.....dol. per bbl..	7.21	7.99	8.38	8.48	8.15	8.21	7.19	6.99	6.92	6.45	6.07	6.28	6.78
Winter, straights, Kansas City.....dol. per bbl..	5.64	6.24	7.06	7.19	6.84	6.69	6.09	5.56	5.42	5.24	4.80	4.73	5.23
Production:													
Flour, actual (Census).....thous. of bbl..	9,148	8,082	9,055	9,897	8,274	7,175	8,644	8,401	8,252	7,840	7,569	7,845	9,416
Flour prorated, total (Russell's) ¹²thous. of bbl..	11,652	8,016	9,746	11,116	9,802	8,349	9,386	9,070	8,975	8,235	8,149	8,300	10,244
Offal.....thous. of lb..	758,322	659,717	744,779	821,200	692,087	595,761	728,216	709,574	694,897	665,223	650,921	675,914	793,510
Operations, percent of total capacity.....	56	48	61	59	53	46	53	56	51	48	48	48	58
Stocks, total, end of month (computed).....thous. of bbl..	5,790	4,500	5,400	5,600	4,600	5,592	5,400	5,200	4,950	5,100	4,950	5,400	5,500
Held by mills (quarterly).....thous. of bbl..			3,864			4,222			4,068			4,255	

* Revised. * Sept. 1 estimate. † Dec. 1 estimate. † No quotation.

• New series. For earlier data, see p. 20 of the November 1932 issue, rye and barley receipts and rye stocks; and p. 20 of the June 1935 issue, wholesale price of wheat, No. 1 Dark Northern Spring, Minneapolis. Since the division of no. 2 barley by the Department of Agriculture into straight and malting grades as of July 1, 1934, prices for each grade have been reported separately.

† Data revised. For revisions of wheat flour, production and consumption (Russell's) from July 1931 to December 1932, see p. 19 of the August 1933 issue. For revised data on exports for 1932 see p. 39 of the June 1933 issue for 1933, p. 20 of the September 1934 issue, and for 1934, p. 19 of the December 1935 issue.

• Represents the visible supply east of the Rocky Mountains as reported by Dun & Bradstreet.

See footnote on p. 37 of this issue. Data for 1933 also revised, see p. 20 of the October 1934 issue, and for 1934, revisions p. 20 of the December 1935 issue.

Monthly statistics through December 1931, together with explanatory footnotes and references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July
FOODSTUFFS AND TOBACCO—Continued													
LIVESTOCK AND MEATS													
Total meats:													
Consumption, apparent▲.....mills. of lb.....	876	834	1,015	915	914	1,009	844	942	961	957	1,036	1,040	
Production (inspected slaughter)▲.....mills. of lb.....	818	776	992	958	1,023	1,144	847	937	960	949	1,033	1,066	
Stocks, cold storage, end of month, total▲.....mills. of lb.....	671	478	422	402	448	563	698	689	675	669	650	641	665
Miscellaneous meats.....mills. of lb.....	73	50	49	53	63	74	79	70	67	61	57	57	62
Cattle and beef:													
Beef and veal:													
Consumption, apparent▲.....thous. of lb.....	471,179	472,160	546,738	473,094	464,311	493,972	426,553	439,651	485,136	474,888	501,898	523,582	
Exports†.....thous. of lb.....	1,790	1,193	1,226	1,013	1,041	604	728	787	1,218	1,032	1,426	1,110	1,302
Price, wholesale:													
Beef, fresh native steers, Chicago.....dol. per lb.....	.143	.179	.179	.169	.166	.178	.180	.171	.151	.149	.134	.133	.138
Production (inspected slaughter)▲.....thous. of lb.....	463,641	465,982	559,057	492,498	472,484	484,406	402,142	425,199	459,149	453,127	485,518	518,400	
Stocks, cold storage, end of month▲.....thous. of lb.....	64,146	47,292	48,226	65,464	91,164	106,210	104,447	86,928	79,509	65,011	51,134	41,222	42,914
Cattle and calves:													
Movement, primary markets:•													
Receipts.....thous. of animals.....	2,216	1,944	2,257	2,545	2,037	1,809	1,793	1,416	1,625	1,673	1,522	1,764	1,881
Slaughter, local.....thous. of animals.....	1,322	1,136	1,241	1,351	1,340	1,143	1,158	942	1,046	1,094	1,002	1,137	1,179
Slaughter, inspected. (See Leather and leather products.)													
Shipments, total.....thous. of animals.....	848	793	978	1,198	911	650	623	462	556	573	511	610	697
Stock and feeder, thous. of animals.....	319	302	441	629	445	242	196	116	190	195	163	167	240
Price, wholesale, cattle, corn-fed, Chicago.....dol. per 100 lb.....	9.00	11.54	11.31	11.41	11.36	12.21	12.11	10.61	10.31	9.21	8.61	8.51	8.70
Hogs and products:													
Hogs:													
Movement, primary markets:•													
Receipts.....thous. of animals.....	1,747	1,278	1,220	1,652	1,671	2,036	2,532	1,817	2,045	1,875	1,759	1,864	1,915
Slaughter, local.....thous. of animals.....	1,166	874	824	1,182	1,149	1,428	1,774	1,188	1,372	1,322	1,276	1,348	1,347
Slaughter, inspected. (See Leather and leather products.)													
Shipments, total.....thous. of animals.....	572	401	390	463	526	606	745	628	666	550	482	512	562
Stock and feeder, thous. of animals.....	91	32	22	25	24	36	38	26	33	38	32	36	57
Price, heavy, Chicago.....dol. per 100 lb.....	10.82	11.26	11.41	10.19	9.42	9.51	9.73	10.33	10.10	10.55	9.48	10.05	10.11
Pork, including lard:													
Consumption, apparent▲.....thous. of lb.....	341,069	301,300	398,480	386,505	395,269	450,569	362,070	443,486	423,876	434,683	486,492	467,178	
Exports, total†.....thous. of lb.....	12,224	10,256	6,213	7,425	14,872	12,832	14,029	11,268	16,403	14,118	18,495	18,880	16,811
Lard.....thous. of lb.....	6,045	3,466	1,515	2,731	7,932	7,853	10,117	7,514	11,461	9,489	10,837	11,090	7,481
Prices:													
Hams, smoked, Chicago.....dol. per lb.....	.256	.264	.279	.260	.267	.273	.263	.243	.225	.239	.238	.240	.252
Lard:													
Prime contract, N. Y.....dol. per lb.....	.122	.168	.169	.151	.138	.117	.109	.112	.111	.113	.104	.103	.110
Refined, Chicago*.....dol. per lb.....	.129	.177	.177	.164	.144	.134	.120	.118	.118	.120	.113	.113	.119
Production, inspected slaughter, total▲.....thous. of lb.....	290,419	250,570	363,102	409,862	495,250	595,065	390,346	453,787	449,029	449,173	499,066	497,956	
Lard.....thous. of lb.....	41,306	34,387	47,758	58,072	74,002	96,392	66,464	75,518	77,024	80,534	87,283	82,952	
Stocks, cold storage, end of mo.thous. of lb.....	531,384	378,786	322,955	281,365	291,115	379,495	511,711	530,143	526,963	541,017	540,274	541,904	558,987
Fresh and cured▲.....thous. of lb.....	420,870	325,249	277,005	240,663	253,209	326,777	436,042	451,418	450,149	457,402	440,618	481,130	441,961
Lard.....thous. of lb.....	110,514	53,537	45,950	40,702	37,906	52,718	75,669	78,725	76,814	83,615	99,656	106,774	117,026
Sheep and lambs:													
Lamb and mutton:													
Consumption, apparent▲.....thous. of lb.....	63,986	60,255	69,367	54,965	54,837	64,298	55,016	58,477	52,394	47,205	48,107	49,457	
Production, inspected slaughter▲.....thous. of lb.....	63,641	59,041	69,983	55,702	55,235	64,140	54,820	58,285	51,871	46,721	47,971	49,833	
Stocks, cold storage, end of mo.thous. of lb.....	2,631	1,730	1,376	1,968	2,661	3,025	2,824	2,563	2,334	1,785	1,282	1,122	1,478
Movement, primary markets:•													
Receipts.....thous. of animals.....	2,287	2,577	2,822	3,055	1,732	1,588	1,862	1,632	1,701	1,798	1,944	1,859	2,022
Slaughter, local.....thous. of animals.....	1,011	1,144	1,109	1,225	927	966	1,127	949	1,023	990	889	961	1,006
Slaughter, inspected. (See Leather and leather products.)													
Shipments, total.....thous. of animals.....	1,271	1,434	1,660	1,860	822	620	732	690	666	800	1,063	873	1,014
Stock and feeder, thous. of animals.....	343	342	533	886	335	112	94	59	66	112	183	168	152
Prices, wholesale:													
Ewes, Chicago.....dol. per 100 lb.....	3.31	3.09	3.28	3.59	4.11	4.35	4.50	4.34	4.62	4.81	4.56	(1)	(1)
Lambs, Chicago.....dol. per 100 lb.....	8.86	8.25	8.95	9.00	9.81	10.80	10.25	9.97	9.66	10.75	10.97	10.38	9.06
Poultry and eggs:													
Eggs:													
Receipts, 5 markets.....thous. of cases.....	981	856	781	704	641	784	889	811	1,798	2,022	2,088	1,727	1,247
Stocks, cold storage, end of month:													
Case.....thous. of cases.....	6,977	7,373	6,353	4,644	2,738	964	150	13	807	3,039	5,707	7,058	7,335
Frozen.....thous. of lb.....	168,152	112,585	98,653	88,018	79,035	69,546	59,722	46,367	45,848	69,172	94,024	111,725	115,485
Poultry:													
Receipts, 5 markets.....thous. of lb.....	26,400	16,765	21,783	28,332	62,486	56,321	21,433	15,654	15,098	15,122	18,979	22,740	22,683
Stocks, cold storage, end of mo.thous. of lb.....	65,257	34,911	39,720	53,156	86,098	107,389	103,833	85,792	69,494	49,324	41,926	43,050	49,220
TROPICAL PRODUCTS													
Cocoa:													
Imports#.....long tons.....	18,129	21,593	12,587	19,388	19,005	24,357	30,508	32,601	28,549	31,206	9,896	7,174	15,570
Price, spot, Accra, N. Y.....dol. per lb.....	.0667	.0501	.0517	.0510	.0501	.0517	.0535	.0550	.0536	.0533	.0558	.0617	.0641
Shipments, Gold Coast and Nigeria.....long tons.....	20,158	14,896	10,820	23,345	39,786	54,930	61,247	59,819	40,114	17,025	11,063	14,331	20,795

* Revised.

▲ Government slaughter not included; for months June 1934–February 1935 see p. 44 of the June 1935 issue.

See footnote on p. 37 of this issue. Data revised for 1933, see p. 20 of the October 1934 issue, for 1934 revisions see p. 20 of the December 1935 issue.

† For revisions of exports for 1932, see p. 40 of the June 1933 issue. For revised data for 1933 on all export data, see p. 20 of the September 1934 issue, for 1934 see p. 19 of the December 1935 issue.

• New series. See p. 18 of January 1934 issue.

● Included animals purchased for Federal Relief Corporation for the months of October 1934–February 1935 inclusive.

1 No quotation.

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July

FOODSTUFFS AND TOBACCO—Continued

TROPICAL PRODUCTS—Continued													
Coffee:													
Clearances from Brazil, total													
thous. of bags..	1,174	1,298	1,466	1,651	1,420	1,474	1,563	1,360	1,201	1,094	1,150	998	1,097
To United States.....	669	637	887	879	779	824	954	854	602	549	511	437	568
Imports into United States#													
thous. of bags..	904	943	1,130	1,237	1,086	1,290	1,248	1,575	1,450	1,138	879	940	901
Price, Rio No. 7, N. Y.....	.082	.064	.066	.068	.066	.065	.066	.068	.065	.063	.066	.070	.078
Receipts at ports, Brazil.....	1,016	1,379	1,431	1,651	1,472	1,539	1,409	1,496	1,444	1,027	1,009	947	1,115
Stocks, world total, incl., interior of Brazil													
thous. of bags..	(1)	24,716	27,204	27,765	28,738	29,548	(1)	(1)	30,650	29,606	(1)	25,982	(1)
Visible supply, total excl. interior of Brazil.....													
thous. of bags..	7,884	7,749	7,653	7,794	7,669	7,844	7,832	7,846	8,116	8,128	8,108	8,111	8,030
United States.....	889	790	863	941	817	988	832	1,010	1,056	995	998	1,015	903
Sugar:													
Raw sugar:													
Cuba:													
Stocks, total, end of month													
thous. of long tons..	1,209	1,158	1,076	979	912	775	755	1,108	1,991	2,092	1,886	1,566	1,375
United States:													
Meltings, 8 ports.....	307,639	331,240	301,969	313,903	240,378	241,580	321,986	331,296	419,096	460,316	326,152	406,144	371,268
Price, wholesale, 96° centrifugal, New York.....	.037	.033	.035	.036	.035	.031	.033	.034	.036	.038	.037	.037	.037
Receipts:													
From Hawaii and Puerto Rico													
long tons..	111,968	120,832	116,556	73,641	69,960	67,731	90,223	144,017	197,386	176,391	171,070	158,756	146,418
Imports#.....	103,264	511,025	117,163	82,044	54,844	38,864	246,005	315,164	279,852	325,379	274,287	305,937	268,453
Stocks at refineries, end of mo.†													
long tons..	390,794	571,925	512,518	370,639	310,543	211,023	178,176	228,493	240,659	301,105	401,609	402,960	450,122
Refined sugar:													
Exports, including maple.....	5,971	12,450	13,369	14,485	10,308	4,375	4,867	1,895	4,391	3,710	3,981	3,545	4,968
Price, retail, gran., N. Y.....	.055	.055	.056	.056	.057	.056	.053	.053	.053	.053	.053	.054	.055
Price, wholesale, gran., N. Y.....	.047	.050	.051	.052	.052	.052	.052	.052	.048	.049	.049	.049	.047
Receipts:													
From Hawaii and Puerto Rico*													
long tons..	2,189	6,472	6,381	1,534	1,402	225	5,506	15,021	14,213	17,924	15,919	16,445	11,016
Imports:													
Cuba*.....	17,615	101,105	7,666	8	2,298	636	26,987	28,707	42,877	37,988	41,628	37,503	30,251
Philippine Islands*.....	2,108	0	0	0	0	603	0	2,902	9,371	14,501	4,602	2,661	5,668
Shipments, 2 ports.....	50,451	46,853	40,943	34,026	30,636	30,636	57,640	58,820	65,722	43,725			
Stocks, end of month, 2 ports.....	13,742	9,754	9,951	15,842	9,352	13,340	13,203	11,080	19,816				
Tea:													
Imports#.....	6,312	6,521	8,457	9,326	7,867	8,378	6,067	5,915	8,159	6,776	5,449	5,172	5,996
Price, wholesale, Formosa, fine, N. Y.....	.275	.275	.275	.275	.275	.275	.275	.275	.275	.275	.275	.275	.275
MISCELLANEOUS PRODUCTS													
Candy sales by manufacturers.....	17,603	16,910	27,886	26,187	27,030	26,170	22,584	23,192	22,123	21,399	17,703	20,638	12,064
Fish:													
Landings, fresh fish, principal ports													
thous. of lb.....	45,390	40,873	38,445	42,793	33,368	26,437	20,120	20,016	39,029	42,560	43,355	45,563	44,351
Salmon, canned, shipments.....	732,630	950,789	462,745	471,448	359,188	490,638	436,976	494,700	273,242	514,664	325,882	565,701	
Stocks, total, cold storage, 15th of month													
thous. of lb.....	76,098	59,353	66,540	70,156	76,503	75,056	64,031	45,129	31,270	26,162	34,141	46,241	62,578
TOBACCO													
Leaf:													
Exports.....	26,946	22,644	52,671	60,488	67,793	42,060	41,929	35,137	13,877	24,235	18,485	20,477	20,887
Imports, unmanufactured#.....	5,977	6,086	4,943	8,470	4,843	3,781	8,430	5,726	4,553	5,883	4,120	5,815	5,793
Production, crop estimate.....	1,142,887						1,236,810						
Stocks, total, including imported types (quarterly).....			2,200			2,373			2,421			2,171	
Flue-cured, fire-cured, and air-cured													
mills. of lb.....			1,772			1,949			1,949			1,714	
Cigar types.....			348			344			375			371	
Manufactured products:													
Consumption (tax-paid withdrawals):													
Small cigarettes.....	13,430	11,975	10,774	12,711	10,801	9,841	12,725	10,766	11,193	11,869	12,025	14,009	14,801
Large cigars.....	445,976	422,282	430,959	524,399	457,299	312,974	336,579	356,624	377,167	411,606	419,369	452,312	482,448
Manufactured tobacco and snuff													
thous. of lb.....	26,756	30,212	28,984	31,916	26,687	23,096	29,490	27,919	30,315	29,254	28,100	29,474	31,326
Exports, cigarettes.....	452,731	307,484	297,240	324,298	393,886	337,227	385,525	320,394	351,679	428,572	398,683	366,128	380,153
Prices, wholesale:													
Cigarettes.....	5.380	5.380	5.380	5.380	5.380	5.380	5.380	5.380	5.380	5.380	5.380	5.380	5.380
Cigars.....	45.996	45.996	45.996	45.996	45.996	45.996	45.996	45.996	45.996	45.996	45.996	45.996	45.996

FUELS AND BYPRODUCTS

COAL													
Anthracite:													
Exports.....	96	89	162	120	87	118	141	188	80	101	189	100	91
Prices:													
Retail, composite, chestnut†		12.07		12.83			12.96			12.95			12.43
Wholesale, composite, chestnut†													
dollar per short ton.....	9.564	9.436	9.657	9.969	10.065	10.045	9.981	10.015	10.001	9.707	9.283	9.327	9.452
Production†.....	3,223	2,591	4,172	4,279	3,160	4,620	5,203	6,461	2,730	4,336	4,577	3,948	3,666
Shipments†.....	2,917	2,393	3,587	3,681	2,808	4,116	4,865	5,934	2,429	4,217	4,274	3,516	3,345

* Revised.

† Data not available.

* August 1 estimate.

† Dec. 1 estimate.

† Revised series. For revisions refer to the indicated pages of the monthly issues, as follows: Exports of tobacco for 1932, p. 42, June 1933, data revised for 1933, see p. 20 of the September 1934 issue. For 1934 revisions see p. 19 of the December 1935 issue. 1932 final revision of anthracite production, p. 42, January 1934. Anthracite shipments for 1932, p. 42, December 1933. For revised data for 1932 on sugar meltings and stocks, see p. 41 of the May 1933 issue. For 1932 revisions of sugar imports and exports see p. 41 of the June 1933 issue. For revisions of exports in 1933, see p. 20 of the September 1934 issue. Revised data on shipments and stocks of refined sugar at 2 ports (for period January 1925-April 1935) are shown on p. 18 of the October 1935 issue. The change resulted from a reduction in the number of reporting refineries.

* See footnote on p. 37 of this issue. Data revised for 1933, see p. 20 of the October 1934 issue. For 1934 revisions, see p. 20 of the December 1935 issue.

† Price converted to short-ton basis. Data on a short-ton basis prior to April 1931 were not published. Earlier monthly data were reported on a long-ton basis.

* Note major correction in data on imports of refined sugar from Cuba, June-November 1934, were shown in the February 1935 issue.

* New series. For earlier data, see p. 20 of the August 1934 issue, for receipts of refined sugar from Hawaii and Puerto Rico and imports from Cuba. Data prior to May 1934 on imports of refined sugar from the Philippine Islands are not available.

† Monthly retail price of coal was discontinued with the month of August 1935. Subsequent to that month the price is reported quarterly.

Monthly statistics through December, 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
FUELS AND BYPRODUCTS—Continued													
COAL—Continued													
Anthracite—Continued.													
Stocks in storage:▲													
Total.....thous. of short tons..	1,992	1,758	2,127	2,239	2,244	1,911	1,217	528	458	369	853	1,240	1,556
Stocks, in yards of dealers, end of month no. of days' supply..	77	72	60	62	64	35	23	19	31	38	77	59	57
Bituminous:													
Consumption:													
Coke plants.....thous. of short tons..	5,752	4,086	4,171	4,539	4,649	5,042	4,990	4,764	4,862	5,133	5,542	5,472	5,509
Electric power plants†													
.....thous. of short tons..	3,844	3,039	2,961	3,437	3,143	3,391	3,453	3,365	3,022	2,859	2,955	* 3,322	* 3,745
Railroads.....thous. of short tons..	4,575	4,789	5,449	5,231	5,708	6,078	6,307	6,307	5,617	5,364	5,116	122	124
Vessels, bunker.....thous. of long tons..	134	156	128	161	91	79	96	87	101	88	116	122	124
Exports.....thous. of long tons..	1,174	1,080	804	789	902	457	323	321	308	462	1,103	914	1,035
Price, retail composite, 38 cities† dol. per short ton.....		8.12		8.41			8.58			8.57			8.13
Prices, wholesale:													
Composite, mine run.....dol. per short ton..	4.217	4.233	4.237	4.324	4.336	4.337	4.320	4.359	4.347	4.303	4.289	4.289	4.227
Prepared sizes (composite) dol. per short ton.....	4.428	4.281	4.336	4.451	4.508	4.528	4.547	4.683	4.612	4.340	4.302	4.303	4.346
Production.....thous. of short tons..	33,240	26,164	25,038	37,768	33,404	35,388	39,330	41,375	31,233	30,318	28,541	29,300	* 32,054
Stocks, consumers, and retail dealers, end of month.....thous. of short tons..	32,070	40,378	40,904	39,553	39,911	37,017	33,052	29,542	28,083	26,506	28,073	28,753	* 30,126
COKE													
Exports.....thous. of long tons..	69	62	54	54	58	32	43	44	24	20	34	62	67
Price, furnace, Connellsville dol. per short ton.....	3.58	3.33	3.33	3.64	3.66	3.61	3.58	3.58	3.58	3.58	3.58	3.58	3.55
Production:													
Beehive.....thous. of short tons..	128	55	56	89	100	119	142	153	109	88	84	93	111
Byproduct.....thous. of short tons..	3,866	2,774	2,833	3,048	3,112	3,364	3,309	3,141	3,257	3,466	3,753	3,695	3,718
Petroleum.....thous. of short tons..	131	123	119	108	106	120	108	105	109	109	113	122	120
Stocks, end of month:													
Byproduct plants.....thous. of short tons..	1,986	3,192	5,130	2,975	3,026	2,780	2,110	1,274	1,444	1,586	1,695	1,702	1,816
Petroleum, refinery.....thous. of short tons..	458	454	427	408	389	360	360	334	360	367	382	382	399
PETROLEUM AND PRODUCTS													
Crude petroleum:													
Consumption (run to stills).....thous. of bbl..	84,584	83,347	85,132	83,180	84,092	85,776	81,523	85,286	84,545	90,637	89,003	91,709	91,709
Imports.....thous. of bbl..	2,871	3,110	2,870	2,815	2,128	3,161	2,256	2,758	2,183	2,864	2,661	2,872	2,591
Price, Kansas-Oklahoma.....dol. per bbl..	1.040	.940	.940	.940	.940	.940	1.015	1.040	1.040	1.040	1.040	1.040	1.040
Production.....thous. of bbl..	84,816	84,109	85,160	86,476	88,711	88,820	82,120	90,568	90,479	93,739	90,185	92,078	92,078
Refinery operations.....pet. of capacity..	74	74	73	73	73	74	76	75	76	79	80	80	80
Stocks, end of month:													
California:													
Heavy crude and fuel oil§													
.....thous. of bbl..	58,243	58,518	59,388	60,075	61,227	62,802	63,536	63,341	63,729	63,792	63,717	64,382	64,382
Light crudes.....thous. of bbl..	33,494	34,981	35,591	37,646	38,944	40,640	40,275	39,856	39,338	38,878	37,856	36,781	36,781
East of California, total§.....thous. of bbl..	284,471	278,643	274,568	270,906	268,781	265,195	263,436	266,092	268,560	268,650	265,554	262,013	262,013
Refineries.....thous. of bbl..	56,055	53,710	51,751	50,495	* 49,089	48,789	47,686	51,741	53,053	53,989	53,628	53,221	53,221
Tank farms and pipe lines§													
.....thous. of bbl..	228,416	224,933	222,817	220,411	* 219,692	216,406	215,750	214,351	215,507	214,661	211,926	208,792	208,792
Wells completed.....number.....	1,403	1,286	1,243	1,318	1,149	1,199	995	1,287	1,557	1,567	1,654	1,483	1,483
Refined products:													
Gas and fuel oils:													
Consumption:													
Electric power plants.....thous. of bbl..	1,295	1,016	1,044	1,166	1,102	1,132	1,003	1,124	975	995	1,014	* 1,156	* 1,234
Railroads.....thous. of bbl..	3,381	3,366	3,898	3,682	3,773	3,827	3,795	3,878	3,810	3,810	3,184	3,193	2,992
Vessels, bunker.....thous. of bbl..	2,897	2,702	2,560	2,740	2,329	2,400	2,590	2,690	3,005	2,643	2,308	2,308	2,167
Price, fuel oil, Oklahoma, 24-26 refineries dol. per bbl.....	.750	.750	.740	.700	.713	.725	.756	.800	.800	.800	.800	.785	.763
Production:													
Residual fuel oil*§.....thous. of bbl..	21,232	21,495	22,652	23,278	25,005	24,573	23,751	23,667	23,062	23,925	22,499	23,144	23,144
Gas, oil and distillate fuels*§ thous. of bbl.....	8,129	8,885	9,068	8,598	9,885	10,587	11,125	10,262	9,553	10,169	9,567	10,323	10,323
Stocks:													
Residual fuel oil, east of California*§ thous. of bbl.....	27,179	27,351	26,265	25,509	22,827	20,281	18,027	17,529	16,996	18,293	18,506	19,525	19,525
Gas, oil and distillate fuels, total*§ thous. of bbl.....	23,860	24,272	24,299	23,263	19,930	17,418	15,322	15,746	17,031	19,910	22,475	24,814	24,814
Gasoline:													
Consumption.....thous. of bbl..	42,836	37,862	41,401	35,956	33,734	32,553	27,216	35,871	38,825	42,007	44,630	46,692	46,692
Exports.....thous. of bbl..	2,453	2,678	2,195	2,760	2,946	2,308	1,435	1,404	2,140	2,308	1,735	2,167	2,167
Exports, value. (See Foreign trade.)	2,029												
Price, wholesale:													
Drums, delivered N. Y.....dol. per gal..	.150	.173	.173	.173	.166	.154	.165	.165	.165	.165	.165	.155	.155
Refinery, Oklahoma.....dol. per gal..	.059	.056	.056	.056	.056	.056	.060	.061	.060	.060	.060	.060	.060
Price, retail, service station, 50 cities dol. per gal.....	.138	.134	.135	.137	.137	.142	.142	.139	.143	.143	.143	.143	.143
Production:													
At natural gas plants§.....thous. of bbl..	3,064	3,202	3,574	3,598	3,654	3,653	3,196	3,378	3,265	3,275	3,217	3,355	3,355
At refineries.....thous. of bbl..	40,488	39,817	41,956	40,260	40,667	39,544	37,176	38,764	39,902	41,951	41,612	43,500	43,500
Retail distribution (41 States)† mills. of gal.....	1,258	1,174	1,204	1,093	1,007	973	833	1,091	1,148	* 1,239	* 1,324	1,406	1,406
Stocks, end of month:													
At natural gas plants§.....thous. of bbl..	2,975	2,760	2,442	1,945	1,645	1,743	1,833	2,172	2,641	2,946	2,973	2,867	2,867
At refineries§.....thous. of bbl..	26,549	27,166	27,280	28,043	31,328	36,158	44,612	45,799	44,361	42,527	39,050	35,062	35,062

* Revised.

† Figures revised to reflect transfers between pipe line and refinery stocks beginning December 1935.

‡ Revised series. For revisions refer to the indicated pages of the monthly issues, as follows: Consumption of bituminous coal by electric power plants for 1932, p. 42, May 1933; for 1933, p. 42, May 1934. Data also revised for 1934 and 1935. Revisions not shown on p. 43 of the June 1935 issue and p. 46 of the May 1936 issue will appear in a subsequent issue. Bituminous coal production for 1932, p. 42, January 1934. Bituminous coal production revised for 1933 and 1934. Revisions not shown in the May 1935 issue will appear in a subsequent issue. For 1935 revisions see p. 46 of the March 1936 issue. Beehive and byproduct coke for 1932, p. 43 of the Dec. 1933 issue, and for 1933 revisions see p. 43, July 1934. Data for 1934 and 1935 also revised; revisions not shown in the July 1935 and the August 1936 issues will appear in a subsequent issue. Crude petroleum production, stocks, east of California (total), at refineries and at tank farms and pipe lines, and wells completed, for 1932; see footnote on p. 56, November 1933. Consumption of gas and fuel oils in electric power plants for 1932, p. 43, May 1933; for 1933 revisions, p. 43, May 1934. Data also revised for 1934. Revisions for months not shown for 1934 on p. 44 of the June 1935 issue will appear in a subsequent issue. Data revised for 1935; see p. 46 of the May 1936 issue. Production of residual fuel oils and gas oil and distillate fuels, stocks of residual fuel oil east of California, consumption of gasoline, production of gasoline at natural-gas plants and refineries, stocks of gasoline at refineries for 1932, p. 56, November 1933, retail distribution of gasoline in 41 States for 1932, p. 43, May 1933; for 1933, p. 43, May 1934.

§ See footnote on p. 37 of this issue. Imports also revised for 1933, see p. 20 of the October 1934 issue; for 1934 revisions see p. 20 of the December 1935 issue.

¶ Data revised for 1933. See p. 20 of the January 1935 issue. For 1934 see p. 20 of the October 1935 issue.

• Data revised for 1933, see p. 20 of the September 1934 issue; for 1934 revisions see p. 19 of the December 1935 issue.

• New series. For earlier data see p. 20 of the February 1933 issue, production and stocks of residual fuel oil and gas oil and distillate fuels.

† Monthly retail price of coal was discontinued with the month of August 1935. Subsequent to that month the price will be shown quarterly.

▲ Beginning with August 1934 certain anthracite stocks were included which had not been covered in previous reports.

Monthly statistics through December 1931, together with explanatory footnotes and references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey

1936	1935					1936						
August	August	September	October	November	December	January	February	March	April	May	June	July

FUELS AND BYPRODUCTS—Continued

PETROLEUM AND PRODUCTS—Continued													
Refined products—Continued.													
Kerosene:													
Consumption†.....thous. of bbl.	3,631	3,892	4,520	4,724	5,081	5,569	4,785	4,098	3,914	4,035	3,075	3,019	
Exports.....thous. of bbl.	607	750	370	585	497	473	455	435	512	380	664	474	
Price, 150° water white, refinery, Pa. dol. per gal.	.049	.048	.049	.049	.050	.051	.055	.055	.056	.056	.055	.052	
Production.....thous. of bbl.	4,390	4,498	4,978	4,878	4,624	4,761	4,445	4,741	4,953	4,626	4,376	4,455	
Stocks, end of month.....thous. of bbl.	9,398	9,238	9,318	8,879	7,915	6,599	5,784	5,974	6,496	6,681	7,296	8,228	
Lubricating oil:													
Consumption.....thous. of bbl.	1,667	1,697	1,820	1,576	1,433	1,396	1,520	1,863	2,197	2,028	1,969	2,123	
Price, cylinder oil, refinery, Pa. dol. per gal.	.155	.120	.120	.120	.120	.120	.126	.135	.139	.149	.154	.155	
Production.....thous. of bbl.	2,399	2,357	2,463	2,453	2,484	2,309	2,204	2,515	2,687	2,768	2,509	2,626	
Stocks, refinery, end of month.....thous. of bbl.	6,649	6,607	6,612	6,857	7,025	7,127	7,385	7,137	7,044	6,884	6,799	6,620	
Other products:													
Asphalt:													
Imports.....thous. of short tons.	1	2	7	6	12	3	1	1	1	4	3	1	
Production.....thous. of short tons.	380	343	351	248	203	198	179	261	319	377	407	426	
Stocks, refinery, end of month.....thous. of short tons.	363	354	341	377	405	461	463	526	520	542	546	488	
Coke. (See Coke.)													
Wax:													
Production.....thous. of lb.	35,000	36,400	39,200	41,720	40,320	44,800	36,120	42,280	30,480	40,320	38,920	34,720	
Stocks, refinery, end of month.....thous. of lb.	136,646	131,560	124,557	120,308	114,675	118,636	118,312	119,684	121,857	121,416	117,362	118,367	

LEATHER AND PRODUCTS

HIDES AND SKINS													
Imports, total hides and skins†.....thous. of lb.	23,013	28,357	25,056	27,788	25,373	27,152	28,264	26,255	28,963	28,116	25,216	27,690	26,050
Calf and kip skins.....thous. of lb.	1,068	1,931	2,225	2,236	1,960	2,201	2,390	2,035	1,354	1,215	2,336	1,434	2,015
Cattle hides.....thous. of lb.	12,004	11,907	11,712	12,070	11,631	11,153	12,768	13,498	13,063	12,613	10,246	13,145	10,899
Goatskins.....thous. of lb.	5,024	7,950	6,133	5,574	6,299	6,492	6,042	5,573	8,506	7,911	8,292	5,690	6,452
Sheep and lamb skins.....thous. of lb.	3,521	3,576	3,146	5,827	2,885	3,872	3,499	3,263	4,668	4,809	2,549	5,989	4,792
Livestock, inspected slaughter:													
Calves.....thous. of animals	541	472	458	531	480	481	465	405	483	525	503	517	523
Cattle.....thous. of animals	1,012	875	886	1,083	956	892	908	742	763	812	786	853	928
Hogs.....thous. of animals	2,254	1,668	1,453	2,135	2,422	2,874	3,428	2,319	2,617	2,559	2,759	2,759	2,692
Sheep.....thous. of animals	1,395	1,665	1,549	1,765	1,407	1,569	1,540	1,314	1,374	1,267	1,213	1,509	1,352
Prices, wholesale:													
Packers, heavy native steers, Chicago dol. per lb.	.131	.132	.143	.154	.157	.148	.150	.146	.130	.130	.123	.125	.124
Calfskins, packer's 8 to 15 lbs., Chicago dol. per lb.	.174	.138	.158	.176	.181	.175	.191	.180	.181	.188	.171	.177	.170
Exports:													
Sole leather.....thous. of lb.	144	443	430	510	333	226	146	210	310	410	368	110	241
Upper leather†.....thous. of sq. ft.	4,787	5,798	3,603	8,563	8,671	5,121	5,284	5,044	5,234	5,107	5,560	4,180	4,846
Production:													
Calf and kip*.....thous. of skins	1,321	1,227	1,253	1,051	1,092	1,195	1,002	960	1,046	998	* 1,199	1,289	
Cattle hides*.....thous. of skins	1,829	1,723	2,062	1,957	1,924	1,943	1,856	1,908	1,844	1,693	* 1,657	1,833	
Goat and kid*.....thous. of skins	4,091	3,993	4,562	4,126	4,393	4,168	3,757	3,786	4,018	3,990	4,055	3,989	
Sheep and lamb*.....thous. of skins	3,474	3,061	4,111	3,623	3,153	3,135	3,125	2,824	2,925	2,897	* 2,849	3,230	
Prices, wholesale:													
Sole, oak, scoured backs (Boston) dol. per lb.	.33	.35	.35	.37	.39	.39	.39	.37	.36	.36	.36	.33	.33
Upper, composite, chrome, calf, black, "B" grade.....dol. per sq. ft.	.372	.362	.373	.380	.386	.382	.382	.380	.378	.380	.378	.370	
Stocks of cattle hides and leathers (all kinds) end of month:													
Total.....thous. of equiv. hides	17,764	17,851	18,008	18,077	17,735	17,789	17,786	17,797	17,845	17,827	17,941	17,933	
In process and finished*.....thous. of equiv. hides	11,330	11,273	11,402	11,377	11,188	11,576	11,568	11,655	11,734	11,779	* 11,874	11,922	
Raw*.....thous. of equiv. hides	6,434	6,578	6,606	6,700	6,547	6,213	6,218	6,142	6,111	6,048	* 6,067	6,016	
LEATHER MANUFACTURES													
Gloves and mittens:													
Production (cut), total*.....dozen pairs	271,909	255,792	286,857	253,795	163,467	147,776	183,485	205,081	203,126	201,375	203,250	220,923	
Dress and semidress.....dozen pairs	147,926	142,320	178,372	168,487	94,725	82,884	109,573	117,791	117,320	121,661	126,406	138,162	
Work*.....dozen pairs	123,983	113,562	108,485	85,308	68,742	64,892	73,912	87,290	85,806	79,714	76,844	82,761	
Shoes:													
Exports.....thous. of pairs	103	101	73	106	82	65	43	97	188	104	106	112	82
Prices, wholesale:													
Men's black calf blucher, factory.....dol. per pair	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	
Men's black calf oxford, factory.....dol. per pair	4.50	4.25	4.25	4.31	4.35	4.44	4.50	4.50	4.50	4.50	4.50	4.50	
Women's colored blucher,* factory.....dol. per pair	3.15	3.10	3.10	3.10	3.10	3.13	3.15	3.15	3.15	3.15	3.15	3.15	

* Revised.

† Data for 234 manufacturers not available for these months. Figures shown are computed by means of the month-to-month percentage change indicated by the current Census Bureau report for 228 identical concerns.

‡ Raw stocks in all hands as shown above include all hides from Government animals slaughtered under Federal inspection. Hides from cattle allotted to State relief agencies and which were not killed under Federal inspection are not included unless they have already moved into sight. It is obvious, therefore, that a quantity of hides from noninspected slaughter held by State Relief Agencies constitutes an invisible addition to the visible supplies shown on p. 47 of the August 1935 issue.

§ Data on production of sheep and lamb and goat and kid leathers from 1927-34 have been revised. For revisions not shown on p. 44 of the April 1935 issue see p. 19 of the June 1935 issue.

▲ Government relief slaughter included for the period June 1934-February 1935. See p. 44 of the June 1935 issue for the figures, excluding relief slaughter. For sheep and lambs, relief slaughter only affected the data for the months of September to December 1934.

§ Data revised for 1933. See p. 20 of the January 1935 issue. For 1934 see p. 20 of the October 1935 issue.

¶ See footnote on p. 37 of this issue. Imports revised for 1933, see p. 20 of the October 1934 issue, for 1934 revisions see p. 20 of the December 1935 issue.

* New series: For earlier data refer to the indicated pages of the monthly issues. Leather production, p. 19, June 1933; leather stocks, p. 19, January 1935. New series on gloves and mittens cover 234 identical manufacturers as reported to the U. S. Department of Commerce, Bureau of the Census. Data prior to July 1934 are not available. These data are not comparable with data through January 1934 previously shown. New series on wholesale price of women's shoes began January 1934. Data not shown on p. 47 of the March 1936 issue will appear in a subsequent issue.

† Revised series. For earlier data refer to the indicated pages of the monthly issues. Production of cattle, sheep, and lamb leather for 1932 and 1933, p. 44, April 1934. Production of cattle hides revised for 1935, p. 47 of the April 1936 issue. Imports of total hides and skins for 1932, exports of upper leather for 1932, p. 43, June 1933. Production of asphalt for 1932 and consumption of kerosene and lubricating oil, for 1932, see p. 56 of the November 1933 issue.

• Data revised for 1933. See p. 20 of the September 1934 issue; for 1934 revisions see p. 19 of the December 1935 issue.

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
LEATHER AND PRODUCTS—Continued													
LEATHER MANUFACTURES—Cont.													
Shoes—Continued.													
Production, total.....thous. of pairs..	40,069	37,243	33,909	35,948	27,715	28,949	32,420	32,142	34,159	32,688	29,807	29,007	35,210
Men's.....thous. of pairs..	9,273	9,132	8,391	9,918	8,161	8,440	9,043	8,313	8,223	8,027	7,219	7,558	8,738
Boys' and youths'.....thous. of pairs..	1,542	1,702	1,502	1,721	1,330	1,354	1,287	1,130	1,264	1,221	1,031	1,309	1,536
Women's.....thous. of pairs..	17,360	15,925	13,275	11,813	7,034	9,794	13,436	13,843	14,441	13,042	11,906	10,463	14,289
Misses' and children's.....thous. of pairs..	3,427	3,361	2,998	3,186	2,673	2,869	3,292	3,007	3,237	3,154	2,476	2,307	3,043
Slippers, all types.....thous. of pairs..	5,255	4,088	4,857	6,124	5,570	3,277	1,633	2,140	2,726	2,904	3,139	3,695	4,484
All other footwear.....thous. of pairs..	3,212	3,035	2,887	3,185	2,947	3,214	3,749	3,709	4,268	4,339	4,036	3,674	3,100

LUMBER AND MANUFACTURES

LUMBER—ALL TYPES													
Exports (boards, planks, and scantlings)* •													
M ft. b. m.	85,813	73,012	81,752	77,810	83,258	89,265	83,150	66,073	90,328	96,053	89,904	83,255	95,230
National Lumber Mfrs. Assn.: †													
Production, total.....mill. ft. b. m.	1,990	1,806	1,750	1,971	1,620	1,422	1,490	1,353	1,587	1,865	1,891	1,896	2,055
Hardwoods.....mill. ft. b. m.	283	289	293	302	273	207	229	215	244	253	253	273	282
Softwoods.....mill. ft. b. m.	1,706	1,517	1,457	1,669	1,347	1,215	1,261	1,138	1,343	1,613	1,638	1,623	1,773
Shipments, total.....mill. ft. b. m.	1,867	1,761	1,643	1,782	1,489	1,331	1,569	1,467	1,688	1,932	1,821	1,846	1,914
Hardwoods.....mill. ft. b. m.	267	280	259	270	262	220	238	238	281	267	259	257	259
Softwoods.....mill. ft. b. m.	1,600	1,481	1,384	1,512	1,227	1,111	1,331	1,229	1,407	1,665	1,562	1,589	1,655
Stocks, gross, end of month total:													
Hardwoods.....mill. ft. b. m.	7,358	6,891	6,967	7,121	7,235	7,273	7,203	7,103	6,998	6,933	7,013	7,060	7,200
Softwoods.....mill. ft. b. m.	1,883	1,990	1,993	1,943	1,935	1,915	1,905	1,882	1,843	1,836	1,832	1,845	1,866
Softwoods.....mill. ft. b. m.	5,476	4,901	4,974	5,178	5,300	5,358	5,298	5,221	5,155	5,097	5,181	5,215	5,334
Retail movement:													
Retail yards, Ninth Fed. Res. Dist.:													
Sales.....M ft. b. m.	12,042	11,567	9,787	14,125	8,676	4,594	3,677	2,374	4,329	7,210	10,227	13,192	11,827
Stocks, end of month.....M ft. b. m.	74,909	69,817	69,793	64,942	63,137	61,365	70,834	77,713	81,490	81,851	79,392	72,456	77,794
Retail yards, Tenth Fed. Res. Dist.:													
Sales.....M ft. b. m.	4,137	3,257	2,882	3,354	3,061	2,415	2,884	2,168	3,752	4,191	3,627	3,437	3,840
Stocks, end of month.....M ft. b. m.	31,445	27,773	27,902	28,164	27,708	28,637	29,794	32,069	32,396	32,143	32,426	32,459	31,894
Flooring													
Maple, beech, and birch:													
Orders:													
New.....M ft. b. m.	6,046	4,278	3,917	4,634	4,514	5,768	6,980	5,989	10,138	4,391	3,493	5,185	5,056
Unfilled, end of month.....M ft. b. m.	10,061	5,498	4,989	4,763	4,683	6,444	9,368	11,303	16,456	15,012	13,159	12,396	10,884
Production.....M ft. b. m.	5,964	4,315	4,276	5,584	5,109	4,279	4,263	4,123	4,462	5,439	4,437	4,720	5,259
Shipments.....M ft. b. m.	6,526	5,037	4,035	4,891	4,609	3,997	3,879	3,936	5,324	5,457	5,528	5,818	6,777
Stocks, end of month.....M ft. b. m.	15,902	18,214	19,638	20,497	21,023	21,878	21,209	21,077	20,645	20,033	18,717	17,115	15,672
Oak:													
Orders:													
New.....M ft. b. m.	32,953	16,456	19,459	24,383	25,125	25,064	30,204	40,675	19,381	19,211	23,622	30,576	29,463
Unfilled, end of month.....M ft. b. m.	29,408	11,904	13,065	14,347	19,925	25,492	35,301	52,892	43,793	33,521	28,564	27,523	26,883
Production.....M ft. b. m.	30,872	17,642	19,467	21,642	20,823	24,203	22,783	21,831	27,607	30,761	30,273	32,051	32,986
Shipments.....M ft. b. m.	30,408	17,864	17,402	23,475	19,547	19,497	20,395	23,081	28,479	29,483	28,579	31,617	30,123
Stocks, end of month.....M ft. b. m.	65,390	52,408	54,475	52,843	54,119	58,825	61,365	60,115	58,683	59,961	61,655	62,069	64,926
Softwoods													
Fir, Douglas:													
Exports: †													
Lumber.....M ft. b. m.	27,670	15,568	20,952	22,677	20,227	26,139	24,199	19,542	23,498	40,462	28,714	27,331	32,063
Timber.....M ft. b. m.	19,456	20,834	36,486	14,548	17,577	21,931	23,456	19,455	12,985	23,371	14,612	18,312	23,629
Orders:													
New.....M ft. b. m.													
Unfilled, end of month.....M ft. b. m.													
Price, wholesale:													
No. 1 common.....dol. per M ft. b. m.	(1)	16.00	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Flooring, 1 x 4, "B" and better v. g.*.....dol. per M ft. b. m.	42.00			43.00	43.00	43.33	45.00	46.00	46.00	45.00	45.00	43.50	43.00
Production.....M ft. b. m.													
Shipments.....M ft. b. m.													
Pine, northern:													
Orders, new.....M ft. b. m.	10,902	10,260	9,800	11,462	9,239	8,220	9,942	7,350	7,722	9,912	9,616	11,570	10,681
Production.....M ft. b. m.	24,217	22,774	16,398	12,392	1,803	265	779	392	528	3,697	16,892	23,213	26,037
Shipments.....M ft. b. m.	10,618	11,211	11,283	10,119	9,322	6,535	8,219	8,215	9,463	10,956	11,364	12,505	12,389
Pine, southern:													
Exports:													
Lumber.....M ft. b. m.	19,836	25,653	28,913	24,350	24,999	27,083	21,983	18,506	28,913	22,893	21,487	22,826	25,463
Timber.....M ft. b. m.	4,224	8,022	6,302	3,516	5,713	10,492	7,072	10,261	6,184	7,506	6,890	6,358	5,137
Orders:													
New.....M ft. b. m.	166,608	139,608	120,979	143,695	128,825	124,184	150,424	125,758	165,856	162,250	155,822	141,349	136,070
Unfilled, end of month.....M ft. b. m.	72,324	73,227	61,029	69,962	68,010	90,889	77,275	72,930	95,191	87,175	80,354	67,772	56,301
Price, flooring.....dol. per M ft. b. m.	36.61	36.74	36.80	36.61	36.67	35.75	36.61	37.01	36.78	37.63	37.40	37.37	36.52
Production.....M ft. b. m.	146,986	137,442	125,132	148,566	134,190	125,928	141,815	124,541	148,226	155,187	158,529	145,342	143,342
Shipments.....M ft. b. m.	146,657	144,476	120,818	145,970	128,570	105,743	121,632	125,416	160,755	170,446	166,440	136,234	142,184
Redwood, California: ‡													
Orders:													
New.....M ft. b. m.	35,421	24,054	25,411	29,593	27,456	28,514	29,579	34,054	32,979	41,535	31,157	29,813	30,603
Unfilled, end of month.....M ft. b. m.	40,269	25,622	24,819	26,290	27,446	31,097	35,818	44,489	43,049	49,143	44,213	39,251	37,172
Production.....M ft. b. m.	42,833	34,262	33,754	38,073	33,187	30,369	31,318	32,185	37,318	37,584	37,763	38,700	35,434
Shipments.....M ft. b. m.	36,824	31,259	25,628	27,952	25,761	23,716	27,068	24,711	34,327	35,562	35,207	37,433	30,993

* Revised.

† Data temporarily discontinued.

• New series. For data on lumber exports for period of January 1919 to September 1932, see p. 20 of the November 1932 issue. See special footnote below on lumber production, shipments, and stocks.

† Data revised for 1932, see p. 44 of the June 1933 issue, exports of Douglas fir lumber and timber. Boot and shoe production for 1934, p. 45, March 1935 issue, for 1935 revision see p. 45 of the March 1936 issue.

• Data revised for 1933. See p. 20 of the September 1934 issue; for 1934 revisions see p. 19 of the December 1935 issue.

▲ New series on lumber production, shipments, and stocks compiled by National Lumber Manufacturers' Association and represent an estimate of the total lumber cut based on monthly reports received from regional associations covering between 80 and 90 percent of the total cut in 1934 and 70 to 80 percent in 1935. No comparable figures are available prior to January 1934.

† Series have been revised for period January 1934–October 1935. These are shown on p. 20 of the February 1936 issue.

‡ Beginning with January 1934 the report includes all known operators; prior to that time approximately 89 percent of the listed capacity.

§ Data revised for 1932. For revisions of exports of Southern pine lumber and timber, see p. 45 of the June 1933 issue. Data revised for 1933, see p. 20 of the September 1934 issue. For 1934 revisions see p. 19 of the December 1935 issue.

• New series covering these items will be shown in a subsequent issue.

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July

LUMBER AND MANUFACTURES—Continued

FURNITURE													
Household:													
All districts:													
Plant operations*.....percent of normal..	74.0	53.0	61.0	62.0	61.0	59.0	60.0	58.0	58.0	59.0	59.0	65.0	68.0
Grand Rapids district:													
Orders:													
Canceled.....percent of new orders..	3.0	5.0	4.0	6.0	8.0	13.5	3.0	9.0	10.0	6.0	5.0	5.0	3.5
New.....no. of days' production..	21	13	15	14	15	8	19	12	13	9	18	12	23
Unfilled, end of month													
no. of days' production..	30	18	19	16	16	12	18	16	13	11	18	17	25
Outstanding accounts, end of month													
no. of days' sales..	25	19	21	24	24	21	22	22	24	22	20	21	25
Plant operationst.....percent of normal..	63.5	48.0	55.0	56.0	58.0	57.0	57.0	57.0	57.0	54.0	56.0	58.0	60.5
Shipments.....no. of days' production..	16	11	12	14	13	11	12	12	13	11	11	11	15
Prices, wholesale:													
Beds.....1926=100..	70.4	65.7	66.3	66.3	66.3	66.3	67.5	67.5	67.5	67.5	67.5	67.5	67.9
Dining-room chairs, set of 6...1926=100..	84.0	89.9	89.9	89.9	89.9	89.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
Kitchen cabinets.....1926=100..	83.5	86.0	86.0	86.0	86.0	86.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5
Living-room davenport.....1926=100..	87.5	76.6	76.6	76.6	78.0	78.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5
Steel furniture. (See Iron and Steel Section.)													

METALS AND MANUFACTURES

IRON AND STEEL													
Foreign trade, iron and steel:													
Exports.....long tons..	295,341	247,312	244,419	238,358	205,242	239,269	241,568	213,802	264,337	301,987	314,050	294,951	296,738
Imports.....long tons..	60,697	31,312	53,158	59,569	56,637	53,678	50,489	43,358	56,720	49,277	59,391	59,910	47,940
Price, iron and steel, composite* dol. per long ton..	33.88	32.68	32.82	32.84	33.15	33.31	33.34	33.48	33.21	33.10	32.92	32.79	33.49
Ore													
Iron ore:													
Consumption by furnaces thous. of long tons..	3,969	2,616	2,654	2,911	3,026	3,101	2,952	2,632	2,898	3,485	3,882	3,763	3,826
Imports.....thous. of long tons..	234	109	165	114	158	138	154	125	132	177	199	170	198
Receipts:													
Lake Erie ports and furnaces thous. of long tons..	5,120	3,482	3,250	3,162	1,472	18	0	0	0	0	2,651	4,692	5,064
Other ports.....thous. of long tons..	2,905	1,261	1,349	1,453	557	0	0	0	0	9	1,409	1,931	2,148
Shipments from upper Lake ports thous. of long tons..	7,444	4,781	4,818	4,601	1,557	0	0	0	0	19	5,050	6,608	7,160
Stocks, total, end of month													
At furnaces.....thous. of long tons..	28,158	31,491	33,469	35,115	34,277	31,342	28,404	25,809	22,933	19,370	19,242	23,107	25,211
Lake Erie docks.....thous. of long tons..	24,008	26,936	28,512	29,756	28,964	26,248	23,434	20,904	18,199	15,240	15,299	18,017	21,194
Manganese ore, imports (manganese content)* thous. of long tons..	4,150	4,555	4,957	5,359	5,313	5,093	4,970	4,734	4,734	4,130	3,974	4,045	4,017
Iron, Crude and Semimanufactured													
Castings, malleable*:													
Orders, new.....short tons..	45,179	35,602	35,658	45,246	47,778	42,573	43,852	38,278	48,008	47,933	44,136	42,848	41,031
Production.....short tons..	42,253	35,245	36,996	43,467	44,277	45,598	48,198	40,611	45,536	50,954	45,027	43,766	44,413
Percent of capacity.....	52.0	42.5	44.7	51.0	53.1	55.0	57.1	49.9	55.9	62.6	55.3	53.9	53.3
Shipments.....short tons..	35,554	27,772	33,442	40,132	41,434	43,942	43,386	39,384	46,823	51,840	48,854	46,489	46,158
Pig iron:													
Furnaces in blast, end of month:													
Capacity.....long tons per day..	88,075	56,815	59,250	67,655	70,095	66,825	63,660	64,550	68,395	84,915	86,030	85,405	83,720
Number.....	148	99	104	116	122	120	117	120	126	144	146	145	146
Prices, wholesale:													
Basic (valley furnace).....dol. per long ton..	19.00	18.00	18.00	18.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00
Composite pig iron.....dol. per long ton..	19.86	18.96	18.96	18.99	19.96	19.96	19.96	19.96	19.96	19.96	19.96	19.96	19.96
Foundry, no. 2, northern (Pitts.) dol. per long ton..	21.39	20.39	20.39	20.39	21.39	21.39	21.39	21.39	21.39	21.39	21.39	21.39	21.39
Production.....thous. of long tons..	2,712	1,761	1,776	1,978	2,066	2,106	2,026	1,824	2,040	2,404	2,648	2,586	2,594
Iron, Manufactured Products													
Cast-iron boilers and radiators:													
Boilers, range:†													
Orders:													
New.....number of boilers..	89,192	51,548	64,845	83,929	64,341	55,136	70,890	62,143	62,649	57,631	66,598	73,967	115,834
Unfilled, end of month, total†													
number of boilers..	50,064	23,512	22,306	25,644	25,647	31,999	25,545	25,382	26,094	20,177	25,581	27,279	64,671
Production.....number of boilers..	103,208	69,922	61,808	84,328	63,500	57,723	65,409	65,658	64,227	65,773	60,352	74,242	80,036
Shipments.....number of boilers..	103,799	63,878	66,051	80,591	64,338	48,726	77,344	62,306	61,937	63,548	61,194	72,921	78,442
Stocks, end of month.....number of boilers..	39,164	42,220	37,753	41,490	40,652	49,625	37,690	41,042	43,332	45,557	44,715	38,161	39,755
Boilers, round:													
Production.....thous. of lb..	3,020	4,312	4,121	6,467	3,784	3,287	2,977	3,343	3,954	3,456	3,639	3,339	3,065
Shipments.....thous. of lb..	3,634	4,368	6,879	9,485	4,957	4,018	3,120	2,437	1,664	1,683	2,243	3,195	3,905
Stocks, end of month.....thous. of lb..	39,723	41,139	38,361	35,389	34,377	33,644	34,106	35,053	37,738	35,429	44,882	41,160	40,314
Boilers, square:													
Production.....thous. of lb..	27,265	21,462	20,906	27,425	17,487	18,941	17,599	18,454	17,957	18,176	19,043	21,625	24,867
Shipments.....thous. of lb..	24,658	21,689	31,761	41,380	20,325	16,330	13,786	11,955	8,984	11,129	13,552	19,523	29,200
Stocks, end of month.....thous. of lb..	142,225	137,815	126,889	115,096	112,592	114,019	114,696	121,258	129,933	127,274	150,558	143,991	139,619

* Revised.

† New series. Data on furniture activity, all districts, prior to April 1933 not published. For imports of iron and steel, see p. 20 of the November 1932 issue; for malleable castings, p. 20 of the April 1933 issue. New series on iron and steel composite price was shown on p. 19 of the January 1935 issue.

‡ For 1932, 1933, and 1934 revisions, see p. 45 of the June 1933 issue, p. 20 of the September 1934 issue, and p. 19 of the December 1935 issue, respectively.

§ Revised. Data prior to April 1933 not published on plant operations. For range boilers, see p. 20 of the July 1934 issue.

¶ Imports from Cuba not included.

* See footnote on p. 37 of this issue. For 1933 and 1934 revisions, see p. 20 of the October 1934 issue and p. 20 of the December 1935 issue, respectively.

† Distribution of unfilled orders of deliveries of 30 days or less and deliveries of more than 30 days has been discontinued by the reporting source.

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July
METALS AND MANUFACTURES—Continued													
IRON AND STEEL—Continued													
Iron, Manufactured Products—Con.													
Cast-iron boilers and radiators—Continued													
Boiler fittings, cast iron:													
Production.....short tons..	7, 160	5, 542	5, 860	7, 451	6, 835	5, 589	5, 730	5, 107	5, 721	6, 032	5, 768	5, 981	6, 414
Shipments.....short tons..	9, 529	6, 210	6, 330	8, 454	6, 620	4, 248	5, 194	5, 217	5, 325	5, 940	5, 923	6, 132	7, 690
Boiler fittings, malleable:													
Production.....short tons..	4, 225	3, 620	3, 627	4, 162	4, 532	3, 794	3, 970	3, 982	3, 817	4, 296	4, 196	4, 173	4, 233
Shipments.....short tons..	5, 697	3, 481	3, 392	4, 670	4, 357	2, 503	3, 393	3, 475	3, 663	4, 201	4, 412	4, 202	4, 404
Radiators:													
Production													
thous. of sq. ft. heating surface..	7, 487	6, 096	5, 937	7, 430	5, 037	4, 706	4, 733	4, 951	5, 046	6, 345	6, 253	5, 931	6, 821
Shipments													
thous. of sq. ft. heating surface..	7, 785	6, 470	7, 701	10, 055	6, 616	5, 413	4, 183	3, 086	2, 720	3, 549	4, 175	5, 590	8, 027
Stocks, end of month													
thous. of sq. ft. heating surface..	39, 246	35, 384	33, 853	31, 493	30, 000	29, 420	30, 243	32, 224	34, 779	36, 907	40, 368	40, 179	39, 223
Radiators, convection type:*													
New orders:													
Heating elements only, without cabi- net or grilles													
thous. of sq. ft. heating surface..	140	74	59	114	113	60	145	62	63	51	74	84	101
Heating elements, including cabinets and grilles													
thous. of sq. ft. heating surface..	415	243	187	231	170	130	136	121	117	202	233	349	441
Sanitary Ware													
Bathroom accessories:†													
Production.....number of pieces..	269, 863	341, 770	362, 580	464, 176	292, 770	266, 574	300, 108	370, 732	447, 533	487, 942			
Shipments.....number of pieces..	243, 262	312, 007	326, 585	408, 402	283, 996	216, 910	254, 473	335, 338	386, 783	466, 171			
Stocks, end of month.....number of pieces..	402, 707	400, 018	407, 886	387, 233	393, 481	438, 747	526, 039	553, 141	587, 891	522, 025			
Plumbing brass. (See Nonferrous metals.)													
Plumbing and heating equipment, wholesale price (8 pieces)*.....dollars..	221.80	207.62	207.70	207.80	208.13	208.18	209.50	212.25	212.31	212.19	212.10	212.11	221.80
Porcelain enameled flatware:													
Orders, new, total.....dollars..	1,105,921	890,631	822,997	937,394	816,050	751,629	773,108	786,380	877,598	1,088,105	1,065,791	951,022	1,027,198
Signs.....dollars..	257,132	312,172	213,599	257,005	236,380	191,827	283,139	223,994	206,115	265,338	265,199	284,068	292,762
Table tops.....dollars..	355,827	193,944	245,107	258,369	195,795	236,173	197,974	196,817	154,291	238,447	187,662	210,834	294,246
Shipments, total.....dollars..	1,087,682	801,207	830,241	949,349	817,866	676,656	666,820	727,162	908,433	1,076,233	1,002,735	978,254	1,055,713
Signs.....dollars..	285,935	292,709	243,535	218,000	249,153	196,287	172,813	169,453	220,427	315,556	281,205	284,574	298,549
Table tops.....dollars..	310,553	169,204	222,447	298,499	195,707	169,096	194,726	187,073	176,295	205,747	189,980	234,884	310,063
Porcelain plumbing fixtures:													
Orders:													
New, net.....number of pieces..	(?)	3, 103	2, 864	3, 095	2, 158	1, 594	2, 529	2, 288	1, 692	2, 441	2, 526	3, 793	(?)
Unfilled, end of month													
number of pieces..	(?)	3, 645	3, 339	3, 583	2, 763	1, 912	2, 722	3, 227	2, 753	3, 053	3, 251	3, 924	(?)
Shipments.....number of pieces..	(?)	2, 915	3, 026	2, 713	2, 746	1, 935	1, 567	1, 730	2, 068	1, 896	2, 195	3, 034	(?)
Stocks, end of month.....number of pieces..	(?)	8, 579	6, 635	6, 685	6, 874	7, 268	7, 836	8, 505	8, 962	9, 515	9, 683	9, 270	(?)
Vitreous china plumbing fixtures:†													
Orders:													
New, net.....number of pieces..	(?)	250, 648	179, 928	132, 378	132, 867	139, 596	373, 413	204, 249	165, 624	143, 323	157, 807	(?)	(?)
Unfilled, end of month													
number of pieces..	(?)	236, 890	175, 140	117, 289	112, 621	128, 020	281, 827	256, 377	194, 337	168, 820	158, 380	(?)	(?)
Shipments.....number of pieces..	(?)	295, 880	241, 678	190, 229	137, 535	124, 197	219, 606	229, 699	227, 664	168, 840	167, 367	(?)	(?)
Stocks, end of month.....number of pieces..	(?)	363, 914	359, 308	424, 242	516, 677	629, 750	645, 898	642, 893	674, 282	738, 580	826, 989	(?)	(?)
Steel, Crude and Semimanufactured													
Bars, steel, cold finished, shipments													
short tons..	39, 931	29, 863	34, 439	47, 301	33, 670	32, 285	35, 097	27, 917	31, 378	33, 512	36, 232	41, 178	44, 382
Castings, steel:▲													
Orders, new total.....short tons..	59, 393	45, 426	29, 995	34, 553	32, 714	40, 529	59, 019	51, 701	71, 341	83, 188	63, 950	94, 345	74, 011
Percent of capacity.....	49.8	38.1	25.2	29.0	27.4	34.0	49.5	43.4	59.8	69.8	53.6	79.1	62.1
Railway specialties.....short tons..	21, 455	17, 111	5, 016	8, 201	7, 071	13, 919	22, 542	16, 650	32, 542	45, 942	25, 755	52, 466	34, 443
Production, total.....short tons..	81, 374	34, 972	35, 411	42, 597	36, 165	37, 793	44, 293	47, 954	51, 674	63, 087	64, 246	70, 323	78, 654
Percent of capacity.....	684	29.3	29.7	35.7	30.3	31.7	40.2	43.3	52.9	53.9	53.9	59.0	66.0
Railway specialties.....short tons..	36, 826	8, 598	10, 568	12, 347	10, 024	10, 076	13, 373	15, 830	17, 385	24, 712	25, 857	30, 802	34, 858
Ingot, steel:§													
Production.....thous. of long tons..	4, 195	2, 916	2, 825	3, 143	3, 150	3, 073	3, 046	2, 964	3, 343	3, 942	4, 046	3, 985	3, 923
Percent of capacity.....	74	49	51	53	55	56	51	54	59	69	71	70	69
Prices, wholesale:													
Composite, finished steel.....dol. per lb..	.0243	.0243	.0243	.0243	.0243	.0243	.0243	.0243	.0237	.0236	.0236	.0236	.0243
Steel billets, Bessemer, Pittsburgh													
dol. per long ton..	30.00	27.00	27.00	27.00	28.00	29.00	29.00	20.00	28.26	28.00	28.00	28.00	30.00
Structural-steel beams, Pittsburgh													
dol. per lb..	.0190	.0180	.0180	.0180	.0180	.0180	.0180	.0180	.0180	.0180	.0180	.0181	.0190
Steel scrap, Chicago.....dol. per gross ton..	15.19	12.38	12.50	13.00	13.35	13.38	13.38	14.19	14.75	14.34	12.88	12.85	13.38
U. S. Steel Corporation:													
Earnings, net.....thous. of dol.			13, 470			20, 418			17, 665			29, 227	
Shipments, finished products*.....long tons..	923, 703	624, 497	614, 933	686, 741	681, 820	661, 615	721, 414	676, 315	783, 552	979, 907	984, 097	886, 065	950, 851
Steel, Manufactured Products													
Barrels, steel:													
Orders, unfilled, end of month.....number..	427, 583	931, 282	853, 986	725, 748	620, 571	341, 693	400, 608	349, 752	341, 248	299, 745	400, 184	452, 386	449, 838
Production.....number..	515, 380	529, 414	532, 433	790, 057	535, 514	478, 592	479, 873	476, 465	578, 705	650, 028	636, 449	626, 599	677, 462
Percent of capacity.....	38.4	38.8	38.9	58.9	40.2	36.0	35.9	35.6	43.3	48.5	47.5	46.8	50.6
Shipments.....number..	518, 795	528, 338	530, 433	791, 469	537, 947	480, 918	478, 588	471, 481	577, 240	658, 657	643, 841	627, 065	672, 974
Stocks, end of month.....number..	20, 206	36, 001	38, 001	36, 589	34, 156	31, 830	29, 171	34, 155	35, 260	26, 991	19, 599	19, 133	23, 621

† Data covering non-vitreous clay, recessed and attachable accessories not included.

* Revised.

† Discontinued by reporting source.
* Data on convection type radiators, prior to January 1932 not available. For earlier data on wholesale price of plumbing and heating equipment, see p. 20 of the January 1933 issue; for steel castings, p. 20 of the October 1934 issue; and for United States Steel Corporation shipments, see p. 18 of the January 1934 issue.

† In equivalent direct radiation.
† Revised series. For earlier data on bathroom accessories see p. 20 of the October 1933 issue. Data on vitreous china plumbing fixtures revised beginning January 1933, see p. 47 of the April 1935 issue; revisions for 1933 will be shown in a subsequent issue.

▲ Steel casting series revised January 1935 by the increase of the number of companies from 164 to 180; comparable data not completed for 1934 and earlier years. Figures for 184 companies in January 1935 were new orders, total 31,816, percent of capacity 20.3; new orders, railway specialties, 6,835; production, total 28,519; percent of capacity 18.2; production, railway specialties 6,052.

§ For 1932 revisions see p. 46 of the July 1933 issue; for 1933, p. 47 of the August 1934 issue; for 1934, p. 50 of the August 1935 issue; for 1935, p. 50 of the June 1936 issue.

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July

METALS AND MANUFACTURES—Continued

IRON AND STEEL—Continued													
Steel, Manufactured Products—Con.													
Boilers, steel, new orders:													
Area.....thous. of sq. ft.	1,075	544	575	784	464	685	623	810	590	784	723	1,131	1,110
Quantity.....number of boilers	1,136	735	829	787	587	595	634	705	594	687	721	1,049	1,090
Furniture, steel:													
Business group:													
Orders:													
New.....thous. of dol.	1,517	1,333	1,393	1,618	1,507	1,520	1,619	1,427	1,667	1,583	1,514	1,565	1,511
Unfilled, end of month.....thous. of dol.	996	948	980	1,036	945	908	940	882	964	913	975	1,070	918
Shipments.....thous. of dol.	1,439	1,327	1,361	1,562	1,591	1,558	1,586	1,484	1,586	1,634	1,451	1,470	1,511
Shelving:▲													
Orders:													
New.....thous. of dol.	448	309	336	348	323	370	389	325	419	378	414	448	394
Unfilled, end of month.....thous. of dol.	386	216	210	212	206	196	243	198	255	229	262	294	358
Shipments.....thous. of dol.	420	260	342	346	329	379	342	371	382	384	381	416	393
Safes:													
Orders:													
New.....thous. of dol.	205	145	172	200	188	182	203	189	227	251	228	224	204
Unfilled, end of month.....thous. of dol.	204	268	281	277	285	255	169	173	190	197	318	216	208
Shipments.....thous. of dol.	209	164	159	205	180	205	176	185	219	244	207	226	205
Lock washers, shipments.....thous. of dol.	199	147	235	246	261	206	255	219	232	313	251	246	267
Plate, fabricated steel, new orders, total													
Oil storage tanks.....short tons	28,319	23,628	31,105	30,530	19,116	35,584	38,700	27,830	29,787	20,990	51,257	51,999	60,324
Sheets, black, blue, galvanized, and full finished:	8,604	3,505	3,531	5,850	2,617	9,341	3,354	5,940	3,620	5,678	9,311	21,861	9,968
Orders:													
New.....short tons	207,781	207,140	196,423	226,209	289,101	203,318	174,805	138,244	251,818	190,269	191,511	261,439	192,873
Unfilled, end of month.....short tons	237,029	204,108	198,424	211,452	286,799	299,394	267,673	231,660	280,493	221,050	217,851	276,551	263,531
Production, total.....short tons	202,456	206,613	190,701	222,963	224,541	208,774	223,000	191,359	207,820	217,975	224,056	210,418	217,651
Percent of capacity.....	66.5	68.3	63.0	73.5	74.1	68.9	73.3	62.9	68.3	71.6	73.6	69.2	71.5
Shipments.....short tons	197,156	180,893	176,807	226,536	213,453	195,077	207,437	175,702	209,673	252,441	210,127	203,853	213,372
Stocks, end of month, total.....short tons	141,328	138,432	142,922	146,306	149,122	149,213	152,283	168,572	141,916	124,239	138,510	136,605	138,884
Unsold stocks.....short tons	79,451	75,391	75,581	83,200	81,597	74,516	84,037	86,971	70,648	65,733	72,333	75,912	72,603
Tin and terneplate:*													
Production.....thous. of long tons													
Track work, production.....short tons	6,401	4,028	2,962	3,495	3,090	3,025	3,366	4,116	6,258	7,031	7,314	6,507	6,216
MACHINERY AND APPARATUS													
Air-conditioning equipment:†													
Orders, new, total.....thous. of dol.	(1)	1,418	1,350	1,713	1,833	1,958	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Air-washer group.....thous. of dol.	(1)	154	60	96	170	135	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Fan group.....thous. of dol.	1,154	693	586	596	854	673	571	690	954	948	1,059	1,106	1,336
Unit-heater group.....thous. of dol.	871	571	713	1,021	809	1,151	711	715	561	576	564	626	763
Electric overhead cranes:													
Orders:													
New.....thous. of dol.	539	440	245	194	392	386	626	349	363	572	889	281	404
Unfilled, end of month.....thous. of dol.	2,208	1,801	1,476	1,166	1,082	1,194	1,700	1,676	1,723	2,026	2,641	2,242	2,085
Shipments.....thous. of dol.	416	233	471	503	476	274	217	373	317	277	268	680	566
Electrical equipment. (See Nonferrous metals.)													
Exports, machinery. (See Foreign Trade.)													
Foundry equipment:													
Orders:													
New.....1922-24=100.....	145.4	113.0	128.5	140.0	100.4	118.1	127.0	110.4	115.0	134.0	165.4	141.4	159.6
Unfilled, end of month.....1922-24=100.....	152.1	142.3	144.5	164.7	119.2	90.8	107.5	130.4	94.4	123.2	142.6	130.8	144.5
Shipments.....1922-24=100.....	137.2	97.2	124.7	119.7	145.2	147.6	110.4	114.5	124.0	105.1	146.7	153.0	145.7
Fuel equipment:													
Oil burners:†													
Orders:													
New.....no. of burners	22,102	15,320	29,090	24,088	9,553	7,765	7,275	7,139	9,235	10,373	12,578	15,788	16,183
Unfilled, end of month.....no. of burners	4,224	1,860	3,807	2,108	1,612	1,648	1,487	1,531	2,034	2,365	2,739	4,078	3,041
Shipments.....no. of burners	20,919	15,549	27,143	25,657	10,049	7,729	7,436	7,095	8,732	10,042	12,204	14,449	17,220
Stocks, end of month.....no. of burners	23,578	18,422	11,631	12,047	14,101	15,565	13,437	14,057	15,090	16,901	18,794	19,221	21,542
Pulverized-fuel equipment:													
Orders, new, storage system:													
Furnaces and kilns.....no. of pulverizers	0	0	0	0	0	0	2	0	1	0	0	0	0
Water-tube boilers.....no. of pulverizers	0	0	0	0	0	0	0	0	0	0	0	0	0
Orders, new, unit system:													
Fire-tube boilers.....no. of pulverizers	2	0	1	1	2	0	1	7	1	1	1	6	0
Furnaces and kilns.....no. of pulverizers	3	2	6	9	3	16	13	5	6	2	3	11	2
Water-tube boilers.....no. of pulverizers	29	17	7	24	13	33	20	17	16	38	25	31	21
Stokers, mechanical, new orders:†													
Class 1, residential.....number	8,433	4,931	8,687	8,777	4,287	3,078	2,065	2,342	2,376	2,745	3,547	4,381	5,488
Class 2, apartment and small commercial.....number	492	348	615	683	359	281	187	167	130	130	123	199	316
Class 3, general commercial and small commercial heaters.....number	198	164	272	268	145	108	84	71	40	44	60	76	148
Class 4, large commercial:													
Number.....	434	269	345	310	213	196	161	126	132	152	183	242	336
Horsepower.....	80,268	47,355	55,260	51,031	34,849	34,166	27,297	25,120	24,775	43,080	36,935	49,376	67,218
Machine tools:•													
Orders:													
New*.....avg. mo. shipments 1926=100.....	127.5	125.8	80.0	102.9	98.6	98.3	110.8	112.1	105.3	125.7	118.9	128.8	150.1
Pumps:													
Domestic, water, shipments:†													
Pitcher, hand, and windmill.....units	54,932	33,863	30,014	21,775	22,358	19,493	30,221	35,621	41,192	40,004	41,259	51,484	59,217
Power, horizontal type.....units	1,377	939	782	915	681	613	772	659	964	968	1,229	1,198	1,320
Measuring and dispensing, shipments:													
Gasoline:													
Hand-operated.....units	680	776	662	564	583	592	426	569	599	851	798	574	757
Power.....units	8,959	7,551	5,121	5,491	4,785	4,901	4,517	3,992	5,226	8,703	8,923	8,774	9,325
Oil, grease, and other:													
Hand-operated.....units	8,013	8,005	7,631	7,963	8,166	5,993	5,678	4,401	9,492	9,720	10,332	9,916	11,855
Power.....units	1,172	1,030	956	1,178	699	823	966	881	1,259	844	1,111	964	1,097

† Comparable data not available. See the regular monthly report of the Census Bureau for detailed data on this industry. • Revised.

* New series. For earlier data see p. 20 of the December 1932 issue for tin and terneplate and p. 20 of the July 1934 issue for machine tools (including forging equipment). Current oil-burner series, available only back to January 1933, are based on reports from 160 concerns.

† Revised series. Data on air-conditioning equipment revised starting January 1933; see footnote on p. 48, April 1935. The revisions for 1933 will be shown in a subsequent issue.

† Oil burners revised for 1934 and 1935, to exclude data erroneously reported. See p. 51 of the April 1936 issue. Data for 1933 and 1934 will be shown in a subsequent issue.

▲ Revised data on steel furniture shelving for years 1932, 1933, and 1934 will be shown in a subsequent issue.

• Revised series on mechanical stokers, see p. 48 of the April 1935 issue; domestic pumps starting January 1934, see p. 49 of the April 1935 issue.

• Series covering shipments and unfilled orders temporarily discontinued.

Monthly statistics through December 1931, together with explanatory footnotes and references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936							
	August	August	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	
METALS AND MANUFACTURES—Continued														
MACHINERY AND APPARATUS—Con.														
Pumps—Continued.														
Steam, power, and centrifugal:														
Orders, new.....thous. of dol.	1,303	741	615	658	719	832	1,039	1,044	1,068	1,066	1,029	1,049	1,175	
Water-softening apparatus, shipments [†]units.	1,016	577	583	812	715	666	754	737	980	1,031	1,014	1,052	845	
Water systems, shipments [†]units.	14,410	11,060	8,560	8,946	8,125	7,185	9,856	6,371	10,364	11,496	13,106	16,714	16,740	
Woodworking machinery:														
Orders:														
Canceled.....thous. of dol.	16	1	11	2	9	8	12	3	5	7	9	9	12	
New.....thous. of dol.	571	304	281	404	311	520	449	412	417	377	439	445	474	
Unfilled, end of month.....thous. of dol.	657	456	422	441	404	462	538	581	632	610	604	597	610	
Shipments:														
Quantity.....machines	300	240	170	249	241	188	190	201	224	217	247	267	280	
Value.....thous. of dol.	494	384	302	373	383	419	361	365	358	383	444	445	439	
NONFERROUS METALS AND PRODUCTS														
Metals														
Aluminum:														
Imports, bauxite [‡]long tons.	40,506	19,047	17,960	16,246	14,534	24,439	24,251	18,997	19,938	21,685	28,003	41,043	29,113	
Price, scrap, cast (N. Y.).....dol. per lb.	.1163	.1164	.1219	.1251	.1263	.1263	.1260	.1257	.1263	.1257	.1207	.1188	.1165	
Babbitt metal (white-base antifriction bearing metals):														
Production.....thous. of lb.	2,495	1,893	2,002	2,294	2,113	1,954	2,510	2,013	2,064	2,414	2,312	2,374	2,540	
For own use.....thous. of lb.	772	422	384	650	613	469	546	524	453	549	420	495	563	
Sales.....thous. of lb.	1,723	1,471	1,618	1,643	1,500	1,485	1,964	1,489	1,612	1,865	1,893	1,879	1,976	
Copper:														
Exports, refined [•]short tons.	24,249	30,900	20,050	20,275	25,592	22,104	12,573	19,313	17,438	16,700	19,683	23,969	21,703	
Imports, total [§]short tons.	14,277	10,568	22,239	24,327	20,772	27,456	14,749	16,723	16,427	11,310	15,700	14,671	17,186	
Ore and blister.....short tons.		9,652	21,087	23,095	20,118	25,255	12,935							
Price, electrolytic (N. Y.).....dol. per lb.	.0953	.0798	.0850	.0897	.0903	.0903	.0903	.0903	.0903	.0917	.0928	.0928	.0935	
Lead:														
Ore:														
Receipts in U. S. ore.....short tons.	31,314	29,890	28,599	27,847	31,412	31,648	29,464	28,195	29,341	29,535	30,547	31,828	34,137	
Shipments, Joplin district.....short tons.	3,180	6,292	2,628	3,006	7,977	8,639	3,183	6,467	4,550	2,950	4,540	3,500	5,880	
Refined:														
Imports [‡]short tons.	2,997	1,143	1,440	1,774	521	1,217	869	742	946	718	2,967	1,027	1,192	
Price, pig, desilverized (N. Y.).....dol. per lb.	.0460	.0425	.0441	.0451	.0450	.0450	.0450	.0452	.0460	.0460	.0460	.0460	.0460	
Production.....short tons.	31,117	30,807	29,358	37,844	36,229	37,958	34,088	32,221	32,184	36,175	39,558	36,756	36,863	
Shipments, reported.....short tons.	46,388	38,195	37,615	42,271	43,035	42,333	34,590	33,086	36,743	40,457	33,125	37,736	38,996	
Stocks, end of month.....short tons.	218,233	227,583	224,992	225,309	222,636	222,306	224,013	225,010	223,388	220,991	229,409	230,481	231,081	
Tin:														
Consumption in manufacture of tin andterneplate [•]long tons.	3,050	2,850	1,790	1,890	2,120	2,350	2,300	2,400	2,350	2,850	3,300	3,520	3,260	
Deliveries.....long tons.	5,385	5,320	5,360	5,355	4,035	5,360	6,635	5,600	5,520	6,235	5,235	7,795	7,120	
Imports, bars, blocks, etc. [‡]long tons.	6,069	4,615	6,773	4,095	4,700	6,287	6,646	6,525	6,104	4,994	5,493	8,134	6,674	
Price, Straits (N. Y.).....dol. per lb.	.4257	.5044	.4907	.5121	.5188	.4977	.4724	.4792	.4799	.4694	.4630	.4222	.4297	
Stocks, end of month:														
World, visible supply.....long tons.	15,295	13,246	11,939	13,425	15,049	13,782	13,338	15,607	16,074	13,328	15,967	14,260	13,795	
United States.....long tons.	3,095	2,681	2,849	1,389	1,472	2,312	2,985	3,523	3,968	2,713	2,941	3,054	2,151	
Zinc:														
Ore, Joplin district:														
Shipments.....short tons.	35,810	38,584	36,436	34,736	48,579	40,889	35,200	36,770	38,640	40,060	40,900	29,420	22,060	
Stocks, end of month.....short tons.	37,180	25,865	25,409	23,093	25,344	21,000	24,900	25,130	26,930	28,070	33,560	39,240	41,270	
Price, slab, prime, western (St. Louis).....dol. per lb.	.0480	.0454	.0467	.0483	.0485	.0485	.0485	.0486	.0490	.0490	.0490	.0488	.0478	
Production, total (primary) [†]short tons.	43,614	35,547	36,221	36,716	37,469	40,550	41,917	36,228	42,483	43,252	44,905	44,947	45,553	
Retorts in operation, end of mo. number.	41,308	32,942	34,870	34,777	36,550	38,329	38,205	38,004	37,922	41,400	41,048	40,700	41,308	
Shipments total [†]short tons.	46,085	38,824	42,351	47,063	48,172	42,058	46,468	39,918	38,159	42,311	43,977	41,654	41,891	
Domestic.....short tons.	46,085	38,824	42,351	47,063	48,172	42,058	46,468	39,918	38,159	42,311	43,977	41,654	41,891	
Stocks, refinery, end of month [†]short tons.	86,194	112,446	106,316	95,969	85,266	83,758	79,207	75,517	79,841	80,782	81,710	85,003	88,665	
Electrical Equipment														
Furnaces, electric, new orders.....kilowatts.	4,391		1,609	1,903	2,055	1,369	2,258	3,903	2,992	3,246	3,637	3,631	2,262	
Electrical goods, new orders [†] (quarterly).....thous. of dol.			143,132			139,012			153,452			190,598		
Laminated phenolic products, shipments.....dollars.	1,074,952	801,292	832,902	1,061,285	878,041	813,455	826,393	844,374	924,238	1,004,258	1,145,695	1,135,858	1,141,135	
Mica, manufactured:														
Orders, unfilled, end of month.....thous. of dol.	170	124	119	179	109	121	135	113	157	143	132	146	123	
Shipments.....thous. of dol.	196	161	172	201	187	147	178	153	188	210	202	187	229	
Motors (direct current):														
Billings (shipments).....dollars.	366,222	374,026	348,942	490,201	571,756	432,481	533,595	424,944	518,357	524,953	553,660	523,850	523,850	
Orders, new.....dollars.	357,945	454,450	445,613	405,167	625,708	454,601	612,483	585,348	594,719	613,371	608,317	598,845	598,845	
Panel boards and cabinets, shipments.....thous. of dol.		374	285	338	293	306								
Porcelain, electrical, shipments:														
Special.....dollars.	99,769	62,711	79,377	101,108	83,238	70,693	81,004	78,914	77,690	92,637	84,436	94,437	103,457	
Standard.....dollars.	35,909	28,902	34,737	41,249	35,458	26,881	53,858	29,923	27,604	35,228	48,089	44,064	34,732	
Power cables, shipments.....thous. of ft.	930	325	332	455	293	233	323	419	446	408	533	536	672	
Power switching equipment, new orders:														
Indoor.....dollars.	85,758	45,823	46,781	43,435	46,328	64,691	41,637	63,163	57,981	68,080	77,795	72,425	222,128	
Outdoor.....dollars.	165,245	130,628	102,719	127,347	135,293	115,247	91,522	156,313	166,011	214,250	162,163	143,868	203,674	
Reflectors, industrial, sales.....units.	80,233	68,635	71,093	83,002	87,811	81,807	97,360	70,693	89,044	111,617	88,971	97,032	89,024	
Refrigerators, household, sales [†]number.		110,161	53,622	43,706	46,930	75,904	119,764	179,056	272,139	304,089	329,140	237,371	205,098	
Vacuum cleaners, shipments:														
Floor cleaners.....number.	84,108	65,128	78,343	93,627	85,816	86,763	74,733	86,084	114,001	104,559	105,275	80,649	71,628	
Hand-type cleaners [•]number.	22,101	16,227	27,478	29,047	29,261	26,570	24,999	23,769	35,878	29,588	32,175	22,295	18,765	

• Revised.

† New series: For earlier data, see p. 20 of the December 1932 issue, for tin and terneplate; p. 20 of the July 1935 issue, electric refrigerators; and p. 20 of the August 1934 issue, for band-type vacuum cleaners.

† Data for Babbitt metal revised for the period January 1932–December 1935; see p. 20 of the July 1936 issue. For 1933 revisions on zinc see p. 49 of the January 1934 issue; for 1934 see p. 49 of the February 1935 issue; for 1935, see p. 52 of the February 1936 issue.

† Present series on water systems cover 52 companies.

• For revisions for 1932, see p. 48 of the June 1933 issue; for 1933, p. 20 of the September 1934 issue; for 1934, p. 19 of the December 1935 issue.

† Data for 1932 revised; for 1932 revisions, see p. 48 of the June 1933 issue, total imports of copper.

† See footnote on p. 37 of this issue. Data for 1933 revised; see p. 20 of the October 1934 issue. For 1934 revisions, see p. 20 of the December 1935 issue.

† Revised series on water systems starting January 1934; see p. 49 of the April 1935 issue; for earlier data on new orders for electrical goods, see p. 19 of the August 1933 issue. New series on water-softening apparatus revised starting January 1933; revisions for 1933 will be shown in a subsequent issue.

Monthly statistics through December 1931, together with explanatory footnotes and references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey

1936	1935					1936						
	August	September	October	November	December	January	February	March	April	May	June	July

METALS AND MANUFACTURES—Continued

NONFERROUS METALS AND PRODUCTS—Continued												
Electrical Equipment—Continued												
Vulcanized fiber:												
Consumption.....thous. of lb.	2,210	1,524	1,423	1,782	2,112	1,718	1,781	1,635	1,830	2,129	2,248	2,116
Shipments.....thous. of dol.	485	420	420	509	440	387	455	417	492	470	471	489
Welding sets, new orders:▲												
Multiple operator.....units.	2	0	0	7	0	0	2	0	2	1	5	0
Single operator.....units.	479	480	430	467	543	796	810	1,048	1,073	830	881	931
Miscellaneous Products												
Brass and bronze (Ingots):●												
Shipments and deliveries.....net tons.	6,379	5,297	5,195	6,294	5,944	5,894	5,948	5,645	5,897	6,012	5,747	5,996
Brass, plumbing:												
Shipments*†.....number of pieces.	1,156,791	1,195,230	1,388,845	1,131,066	916,783	1,240,615	1,155,921	1,210,393	1,275,836	1,274,888	1,345,454	1,485,200
Brass sheets, wholesale price, mill												
dol. per lb.	.154	.138	.142	.145	.146	.146	.146	.146	.146	.148	.151	.152
Copper, wire cloth:												
Orders:												
New.....thous. of sq. ft.	423	417	439	386	424	386	418	370	413	369	416	408
Unfilled, end of month.....thous. of sq. ft.	469	486	560	483	527	505	528	495	516	412	441	500
Production.....thous. of sq. ft.	408	416	375	442	384	379	447	406	424	450	387	413
Shipments.....thous. of sq. ft.	406	419	359	440	396	395	398	416	411	439	386	379
Stocks, end of month.....thous. of sq. ft.	698	781	788	741	725	695	689	689	709	702	706	740

PAPER AND PRINTING

WOOD PULP†												
Consumption and shipments.....short tons.	379,149	362,504	401,864	394,485	388,244	415,790	393,987	405,401	443,272	437,970	*435,358	425,173
Groundwood.....short tons.	90,857	86,047	98,365	98,100	96,445	107,413	97,411	102,102	110,806	112,758	*111,905	105,467
Sulphate.....short tons.	127,001	120,234	127,598	124,418	120,807	139,951	130,094	136,426	136,761	148,433	*147,321	144,639
Sulphite, total.....short tons.	125,226	121,767	136,623	134,291	135,317	129,249	129,517	127,281	154,300	138,504	138,111	138,539
Bleached.....short tons.	76,036	72,675	78,624	79,011	78,217	77,100	77,174	77,726	98,791	84,910	86,494	87,940
Unbleached.....short tons.	49,190	49,092	57,999	55,280	57,100	52,149	52,343	49,555	55,509	53,594	51,617	50,599
Soda.....short tons.	29,563	27,126	30,483	30,256	28,399	32,099	30,639	32,873	34,784	31,669	31,497	30,355
Damaged, off-quality & misc'l.....short tons.	6,502	7,330	8,795	7,420	6,276	7,078	6,336	6,719	6,621	6,606	6,524	6,173
Production, all grades.....short tons.	371,159	355,416	389,331	388,785	386,523	419,946	398,340	417,948	441,901	450,261	*435,885	413,967
Groundwood.....short tons.	79,630	75,357	89,067	94,007	99,402	106,794	100,575	110,057	120,054	120,427	*110,339	97,253
Sulphate.....short tons.	128,039	119,590	126,332	125,609	121,148	139,329	131,642	136,076	137,792	148,047	148,148	144,959
Sulphite, total.....short tons.	127,707	125,671	135,193	132,294	130,975	134,290	129,000	133,143	142,459	142,889	139,591	134,911
Bleached.....short tons.	78,109	76,486	78,227	75,977	75,236	79,704	78,105	80,749	90,474	90,265	87,123	85,984
Unbleached.....short tons.	49,598	49,185	56,966	56,317	55,739	54,586	50,895	52,394	51,985	52,624	52,468	48,927
Soda.....short tons.	29,399	27,541	30,022	29,171	28,821	32,381	30,989	31,794	35,104	32,282	31,643	30,687
Damaged, off-quality & misc'l.....short tons.	6,384	7,257	8,717	7,704	6,177	7,152	6,134	6,878	6,492	6,616	6,164	6,157
Stocks.....short tons.	116,704	109,616	97,683	91,984	90,263	89,343	93,696	106,190	104,819	117,109	*117,637	106,432
Groundwood.....short tons.	56,284	45,594	36,896	32,803	36,760	30,360	33,524	41,479	50,727	58,396	*56,830	48,616
Sulphate.....short tons.	6,380	5,736	4,470	5,661	6,002	5,285	6,843	6,440	7,471	7,085	7,912	8,232
Sulphite, total.....short tons.	48,769	52,663	51,233	49,236	44,894	49,735	49,218	55,080	43,239	47,624	49,104	45,476
Bleached.....short tons.	32,539	36,350	35,953	32,919	29,938	32,639	33,570	36,593	28,276	33,631	34,260	32,304
Unbleached.....short tons.	16,220	16,313	15,280	16,317	14,956	17,096	15,648	18,487	14,963	13,993	14,884	13,172
Soda.....short tons.	4,632	5,047	4,586	3,502	2,924	3,206	3,556	2,477	2,797	3,409	3,556	3,889
Damaged, off-quality & misc'l.....short tons.	649	576	498	782	683	757	555	714	585	595	235	219
Imports:												
Chemical, total†.....short tons.	222,320	151,705	165,848	228,504	199,812	213,837	160,649	143,576	122,060	166,048	235,129	207,444
Groundwood#.....short tons.	19,850	14,300	14,818	31,097	23,621	28,116	20,392	13,796	20,457	21,437	14,529	25,628
Price, wholesale, sulphite, unbleached												
dol. per 100 lb.	1.93	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.91	1.93	1.93
PAPER‡												
Total paper:†												
Paper, including newsprint and paperboard:												
Production.....short tons.	815,630	756,573	914,297	783,341	717,604	819,300	753,581	776,471	867,931	798,060	*797,826	846,251
Paper, excluding newsprint and paperboard:												
Orders, new.....short tons.	440,921	415,046	493,851	398,139	369,837	451,268	401,523	453,983	485,208	415,828	*406,228	462,413
Production†.....short tons.	449,343	395,715	488,727	410,096	398,141	469,036	410,225	414,714	496,498	432,814	*429,324	473,857
Shipments†.....short tons.	443,899	394,392	484,855	411,434	383,172	472,010	400,525	413,778	485,666	424,281	*415,506	478,514

* Revised.

● Since April 1935 figures are not as complete as during the period of the operation of the Code Authority. Figures for period January 1934–April 1935 would be fairly comparable if reduced by about 15 percent.

▲ These series have covered a varying number of companies for period covered in survey; percentage of industry coverage not known. Reports have been from 12 companies since January 1934.

† In September 1935 3 firms discontinued reporting; data of 3 firms of equal size were added, thereby maintaining the comparability of the series.

‡ Revised series. See p. 49 of the June 1933 issue for 1932 chemical wood pulp imports. Data on total paper for 1934, 1935, and 1936 revised. Revisions for 1934 and months of 1935 not shown above will appear in a subsequent issue.

* New series. Data prior to October 1931 not published on plumbing brass.

See footnote on p. 37 of this issue. Date for 1933 revised; see p. 20 of the October 1934 issue. For 1934 revisions see p. 20 of the December 1935 issue.

§ The figures on paper (including total, fine, and wrapping) are as reported by the American Paper and Pulp Association, except book paper, the data on which are reported by the Book Paper Division of the Paper and Pulp Industry; they are not comparable with the data carried in the Survey from the American Paper and Pulp Association through December 1933. The present classification of the association differs from that previously used by them, as well as from the Bureau of the Census classification. In addition to the classes shown, the association also reports on printing paper (including uncoated book), boards, paperboard, and newsprint. The first two of these classifications are not used in the Survey, while the Bureau of the Census report is used for paperboard and the Newsprint Service Bureau's report for newsprint (the latter series is identical with that reported by the association). The ratio of the production reported by the association, the Newsprint Service Bureau, and the Bureau of the Census (monthly report on paperboard) to the annual figures reported by the Bureau of the Census for 1934 follow: Total paper, 87.4 percent; fine paper, 76.1 percent; wrapping, 109.7 percent (present classification of association is much broader than is Census or earlier association classification); paperboard, 63 percent of all paperboard, but 81 percent of the more comparable classifications of container board and boxboard; book paper, uncoated, 95 percent and coated 100 percent (book paper estimates are by association since the data cannot be checked with Census data); and newsprint, 97 percent. Figures for the first 5 months of 1934 on book paper are not available. Data are available for the other series for the months of January to April 1934. These figures will be shown in a subsequent issue.

¶ See footnote marked "▲" on p. 60 of the March 1936 issue.

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July

PAPER AND PRINTING—Continued

PAPER—Continued													
Book paper:													
Coated paper:													
Orders, new.....short tons..	18,531	18,390	18,903	19,912	19,264	17,352	22,352	22,541	31,096	18,610	17,097	16,502	16,876
Orders, unfilled.....short tons..	6,780	8,153	8,808	7,924	7,225	10,043	10,351	11,364	17,314	11,336	9,106	8,218	6,657
Production.....short tons..	20,103	19,363	18,640	21,197	20,066	18,831	23,106	21,844	24,697	23,525	21,409	19,260	19,226
Percent of potential capacity.....	69.4	59.4	64.3	65.0	58.1	63.7	63.4	66.8	79.0	71.0	68.0	66.3	66.3
Shipments.....short tons..	20,387	19,267	17,654	21,728	20,746	19,145	23,640	22,752	25,998	23,734	21,308	18,497	18,855
Stocks, end of month.....short tons..	13,284	15,605	16,595	16,064	16,580	14,961	16,243	15,050	12,528	11,992	12,093	12,245	12,878
Uncoated paper:													
Orders, new.....short tons..	85,004	80,143	83,400	88,329	87,252	82,558	98,108	93,960	128,902	85,548	72,890	77,313	82,107
Orders, unfilled.....short tons..	33,831	30,480	35,404	32,771	35,065	37,746	40,212	43,739	65,508	49,939	37,369	35,013	33,058
Production.....short tons..	93,988	88,201	87,911	95,894	89,262	91,075	101,223	96,068	101,669	107,533	97,369	86,676	89,210
Percent of potential capacity.....	76.0	68.2	70.1	72.4	66.4	71.5	71.8	73.9	80.0	85.4	77.5	71.6	73.4
Shipments.....short tons..	92,611	85,880	88,127	92,415	91,197	84,964	99,769	96,293	107,116	105,689	90,507	83,718	86,040
Stocks, end of month.....short tons..	88,970	71,860	73,098	74,820	74,399	79,518	81,821	81,713	73,349	76,033	82,280	83,644	87,036
Fine paper:													
Orders, new.....short tons..	33,624	28,666	37,763	29,802	29,912	43,582	36,999	39,086	44,620	30,922	31,641	37,073	37,073
Orders, unfilled.....short tons..	8,067	9,269	8,666	8,245	8,857	10,560	12,813	16,121	16,169	13,194	12,274	10,941	10,941
Production.....short tons..	36,469	28,494	39,075	31,281	31,633	41,979	38,155	33,676	47,990	35,561	35,077	39,358	39,358
Shipments.....short tons..	35,439	28,599	38,959	30,709	28,355	43,467	34,803	35,435	45,119	33,559	33,033	39,951	39,951
Stocks, end of month.....short tons..	56,931	56,903	56,504	56,867	60,206	59,143	62,400	61,141	61,545	62,510	65,784	62,957	62,957
Wrapping paper:													
Orders, new.....short tons..	162,916	141,541	184,471	134,343	125,290	149,305	125,557	133,755	177,510	151,013	140,385	164,656	164,656
Orders, unfilled.....short tons..	60,807	70,686	79,566	73,774	71,348	59,041	58,545	61,447	77,344	73,312	72,439	70,030	70,030
Production.....short tons..	160,510	135,278	176,973	138,523	131,544	160,822	130,719	132,887	165,537	140,120	144,615	163,925	163,925
Shipments.....short tons..	159,808	132,926	175,974	140,060	127,051	163,312	126,821	128,056	161,543	144,232	143,367	166,797	166,797
Stocks, end of month.....short tons..	105,116	107,856	107,655	105,468	108,178	105,644	110,424	114,066	118,269	114,092	113,711	110,306	110,306
Newsprint:													
Canada:													
Exports.....short tons..	257,577	220,866	208,912	240,421	244,037	277,838	184,884	184,079	256,564	192,894	258,288	283,589	234,050
Production.....short tons..	270,053	235,573	233,968	266,515	262,854	244,732	227,955	221,190	242,900	258,721	267,067	*270,881	274,627
Shipments from mills.....short tons..	278,219	225,736	225,403	266,679	285,179	265,323	181,403	206,010	239,253	267,296	286,445	*263,684	271,794
Stocks, at mills, end of month.....short tons..	65,794	*75,329	73,818	73,579	50,993	30,138	76,658	92,082	96,254	85,629	66,240	73,199	75,430
United States:													
Consumption by publishers.....short tons..	168,289	148,142	160,558	179,821	187,448	186,514	161,185	182,313	183,974	183,399	227,216	178,396	170,884
Imports #.....short tons..	246,186	195,057	190,272	222,811	234,305	249,876	179,982	157,456	220,641	203,590	262,580	222,187	205,704
Price, rolls, contract, destination, N. Y. base.....dol. per short ton..	41.00	40.00	40.00	40.00	40.00	40.00	41.00	41.00	41.00	41.00	41.00	41.00	41.00
Production, total.....short tons..	73,673	75,160	71,262	79,974	78,955	75,869	79,336	72,249	76,500	76,504	75,719	*79,820	73,361
Shipments from mills.....short tons..	72,116	74,676	73,067	82,220	81,151	79,672	74,126	70,650	74,482	77,714	77,273	*74,838	*74,780
Stocks, end of month:													
At mills.....short tons..	21,464	18,235	16,450	14,340	12,473	10,266	14,275	16,032	18,163	17,087	15,906	21,027	19,857
At publishers.....short tons..	219,727	232,200	221,114	222,362	22,377	240,838	237,955	221,165	203,814	188,453	191,463	193,464	201,099
In transit to publishers.....short tons..	42,789	26,100	38,703	34,754	44,727	53,302	35,178	39,387	40,851	48,567	44,860	40,573	46,971
Paperboard:													
Consumption, waste paper.....short tons..	268,770	246,537	244,963	288,668	246,318	196,429	229,064	226,216	237,601	245,566	241,895	*241,656	249,402
Orders:													
New.....short tons..	332,553	297,349	307,103	351,887	272,477	234,753	283,890	268,843	290,854	298,180	280,899	*290,098	304,747
Unfilled, end of month.....short tons..	117,443	86,767	105,088	107,074	88,971	81,894	94,210	91,917	96,202	99,796	92,784	96,402	101,557
Production.....short tons..	319,391	291,127	289,596	345,596	294,290	243,594	270,928	271,107	285,257	294,929	289,527	*288,682	299,033
Percent of capacity.....	76.7	68.7	74.1	79.5	73.6	60.9	63.4	68.4	69.4	71.6	71.0	70.5	69.7
Stocks of waste paper, end of month:													
At mills.....short tons..	207,886	228,137	220,998	214,685	213,297	211,029	216,040	193,919	204,376	204,353	213,435	218,330	219,042
In transit and unshipped purchases.....short tons..	(1)	32,432	38,420	40,780	35,044	35,269	39,737	39,983	38,167	44,306	(1)	(1)	(1)
PAPER PRODUCTS													
Abrasive paper and cloth, shipments:													
Domestic.....reams..	76,191	62,201	66,455	73,057	66,453	55,740	65,784	59,936	67,405	77,561	90,064	76,084	69,709
Foreign.....reams..	10,176	6,719	8,743	9,082	9,428	15,231	7,712	4,575	9,769	10,241	7,864	9,479	7,306
Paperboard shipping boxes:													
Shipments, total.....mills. of sq. ft..	2,698	2,161	2,176	2,412	1,991	1,781	1,964	1,846	2,019	2,095	2,268	2,188	2,249
Corrugated*.....mills. of sq. ft..	2,382	1,912	1,931	2,165	1,796	1,604	1,768	1,653	1,804	1,873	2,035	1,945	1,994
Solid fiber*.....mills. of sq. ft..	317	250	246	247	195	176	195	194	215	222	233	242	255
PRINTING													
Blank forms, new orders.....thous. of sets..	104,349	93,807	88,721	100,160	94,574	92,113	95,196	84,853	95,189	101,805	96,677	100,725	107,837
Book publication, total number of editions..	890	714	787	868	897	836	536	842	953	854	990	729	723
New books.....number of editions..	731	519	611	681	700	688	430	676	801	718	795	602	575
New editions.....number of editions..	159	195	176	187	197	148	106	166	152	136	195	127	148
Operations (productive capacity) 1923=100.....	80	83	85	86	84	82	83	83	82	84	86	81	81
Sales books:													
Orders, new†.....(thous. of books)..	16,683	14,648	14,643	17,503	15,785	15,500	14,966	13,033	15,778	15,031	15,581	17,485	18,384

* Revised.

† Revised series. Data for period January 1933-January 1934, inclusive, on consumption and stocks of waste paper at mills will be shown in a subsequent issue. Sales books, new orders, have been revised beginning January 1935 to include the statistics of 2 members not included heretofore. The data now represent 90 percent of all the sales books sold in the United States. For 1935 revisions see p. 54 of the May 1936 issue.

1 Discontinued by reporting source.

§ The Bureau of the Census has changed the title of the "Boxboard" report to "Paperboard" since data actually cover all board of .0012 of an inch or more in thickness reported by the cooperating manufacturers. Figures given on production and new and unfilled orders are for 94 identical manufacturers; and consumption and stocks of waste paper for 82 manufacturers. Estimated coverage is given in footnote marked § on p. 53.

* New series. New series on paperboard shipping boxes compiled by the National Container Association, Chicago, Ill., from reports from all members of the industry of record beginning in January 1934. The volume of companies not reporting each month is estimated by the association, so as to keep the series comparable. Prior to January 1934 data covering this industry were compiled by the Paper Board Industries Association. See footnote marked § on p. 53 of this issue for book, fine, and wrapping paper.

† See footnote on p. 37 of this issue; data for 1933 revised; see p. 20 of the October 1934 issue. For 1934 revisions see p. 20 of the December 1935 issue.

Monthly statistics through December 1931, together with explanatory footnotes and references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey

1936	1935					1936						
	August	September	October	November	December	January	February	March	April	May	June	July

RUBBER AND RUBBER PRODUCTS

CRUDE AND SCRAP RUBBER												
Crude:												
Consumption, total.....long tons..	45,257	36,000	34,000	38,192	38,500	38,648	43,655	33,071	38,433	46,707	45,434	47,372
For tires and tubest.....long tons..	21,893	21,250	23,627	22,818	23,198	27,437	20,464	21,372	28,666	29,518	28,273	26,450
Imports, total, including latex#.....long tons..	41,483	35,707	36,378	26,073	39,812	33,921	34,339	34,874	45,830	37,050	38,273	26,450
Price, wholesale, smoked sheets, N. Y. dol. per lb.	.163	.120	.116	.127	.131	.132	.144	.154	.159	.159	.156	.159
Shipments, world.....long tons..	72,000	70,000	74,000	75,000	63,000	62,000	63,000	68,000	60,000	68,013	65,627	82,073
Stocks, world, end of month.....long tons..	495,000	680,644	661,509	655,000	623,300	611,987	600,479	599,355	574,594	558,583	533,411	510,872
Afloat, total.....long tons..	102,000	101,000	100,000	100,000	89,000	82,000	84,000	85,000	90,000	83,000	89,000	106,000
To United States.....long tons..	63,597	47,724	43,413	49,913	46,588	39,094	43,870	46,532	58,935	47,678	48,860	60,343
London and Liverpool.....long tons..	108,215	177,250	174,894	168,570	166,896	164,200	162,107	157,028	147,712	140,404	130,599	122,285
British Malaya.....long tons..	63,138	80,843	67,361	71,868	66,794	61,692	66,618	72,530	61,045	60,290	59,866	62,426
United States.....long tons..	222,500	321,551	319,254	312,112	294,610	303,000	287,754	284,797	275,837	268,889	253,955	237,220
Reclaimed rubber:												
Consumption.....long tons..	8,794	7,036	7,011	7,923	7,494	6,817	8,031	5,893	7,014	8,266	8,317	9,238
Production.....long tons..	12,856	7,263	6,871	11,926	11,482	12,307	11,665	10,188	10,712	11,382	11,512	11,935
Stocks, end of month.....long tons..	14,741	12,611	11,321	11,784	12,028	13,537	14,326	15,547	16,039	16,193	15,859	14,925
Scrap rubber:												
Consumption by reclaimers.....long tons..			23,498			29,772			28,994			
TIRES AND TUBES:												
Pneumatic casings:												
Production.....thousands..	3,234	3,067	3,281	3,238	3,282	3,709	2,898	2,947	3,932	4,027	4,544	4,427
Shipments, total.....thousands..	3,839	2,676	3,317	3,232	3,365	3,139	2,601	3,123	3,971	4,724	4,692	4,653
Domestic.....thousands..	3,783	2,621	3,258	3,170	3,311	3,079	2,545	3,065	3,917	4,659		
Stocks, end of month.....thousands..	6,322	6,713	6,715	6,682	6,639	7,224	7,504	7,360	7,318	6,623	6,345	
Solid and cushion tires:												
Production.....thousands..	26	24	27	23	22	25	15	16	33	30		
Shipments, total.....thousands..	24	20	25	19	23	23	17	21	32	30		
Domestic.....thousands..	24	19	25	19	23	22	17	21	32	30		
Stocks, end of month.....thousands..	33	37	38	41	41	40	37	32	32	31		
Inner tubes:												
Production.....thousands..	3,154	3,341	3,592	3,193	3,279	3,719	2,880	3,068	3,908	3,903	4,078	4,194
Shipments, total.....thousands..	3,690	2,775	3,262	3,035	3,268	3,376	2,791	3,074	3,844	3,984	4,458	4,664
Domestic.....thousands..	3,647	2,735	3,215	2,988	3,229	3,330	2,748	3,027	3,792	3,931		
Stocks, end of month.....thousands..	5,621	6,127	6,523	6,611	6,667	6,984	7,046	7,040	7,118	7,063	6,565	
Raw material consumed:												
Crude rubber. (See Crude rubber.)												
Fabrics.....thous. of lb.	13,836	12,606	14,148	13,523	13,632	15,988	12,059	13,417	16,571	17,099	18,416	18,251
MISCELLANEOUS PRODUCTS												
Rubber bands, shipments.....thous. of lb.	186	276	269	334	363	363	264	206	236	266	217	209
Rubber-proofed fabrics, production, total.....thous. of yd.	5,209	5,396	5,571	3,269	2,760	2,864	2,950	3,467	4,134	3,666	3,782	4,001
Auto fabrics.....thous. of yd.	427	396	449	395	313	219	191	199	265	244	256	334
Raincoat fabrics.....thous. of yd.	2,370	2,984	2,866	1,291	604	603	786	1,289	1,442	1,446	1,442	1,473
Rubber flooring, shipments.....thous. of sq. ft.	477	431	492	450	450	371	322	422	485	523	488	483
Rubber and canvas footwear:												
Production, total.....thous. of pairs.	4,699	4,427	5,874	5,172	5,993	5,925	5,231	5,905	5,876	5,227	5,659	4,571
Tennis.....thous. of pairs.	1,056	873	1,297	1,301	1,661	2,174	2,498	2,937	2,888	2,058	2,018	1,244
Waterproof.....thous. of pairs.	3,643	3,554	4,577	3,871	4,332	3,751	2,732	2,969	2,988	2,170	3,641	3,327
Shipments, total.....thous. of pairs.	6,132	5,510	5,733	5,657	6,276	6,144	4,819	5,041	4,970	4,429	4,334	5,431
Tennis.....thous. of pairs.	1,340	889	673	491	830	2,061	1,929	3,019	3,319	3,333	2,791	2,034
Waterproof.....thous. of pairs.	4,792	4,622	5,059	5,165	5,446	4,083	2,890	2,022	1,451	1,096	1,543	3,397
Shipments, domestic, total.....thous. of pairs.	6,106	5,489	5,705	5,626	6,252	6,109	4,788	5,011	4,928	4,399	4,290	5,407
Tennis.....thous. of pairs.	1,322	881	654	467	815	2,042	1,915	2,997	3,480	3,309	2,751	2,018
Waterproof.....thous. of pairs.	4,784	4,608	5,051	5,159	5,437	4,067	2,873	2,014	1,447	1,090	1,539	3,390
Stocks, total, end of month.....thous. of pairs.	15,653	14,559	14,700	14,200	14,967	14,886	14,957	15,804	16,699	17,497	18,822	17,962
Tennis.....thous. of pairs.	4,156	4,137	4,761	5,371	6,743	6,839	7,305	7,207	6,565	5,289	4,519	3,729
Waterproof.....thous. of pairs.	11,497	10,422	9,939	8,830	8,224	8,047	7,652	8,597	10,134	12,208	14,303	14,233
Rubber heels:												
Production.....thous. of pairs.	18,016	16,406	18,517	16,024	16,649	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Shipments, total.....thous. of pairs.	16,267	17,067	18,814	16,886	17,094	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Export.....thous. of pairs.	177	187	296	428	348	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Repair trade.....thous. of pairs.	4,054	5,187	5,029	4,173	2,829	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Shoe manufacturers.....thous. of pairs.	12,036	11,694	13,489	12,285	13,917	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Stocks, end of month.....thous. of pairs.	36,464	36,051	36,291	30,710	30,374	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Rubber soles:												
Production.....thous. of pairs.	3,166	3,021	4,022	3,399	3,698	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Shipments, total.....thous. of pairs.	3,099	3,160	4,141	3,528	3,544	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Export.....thous. of pairs.	5	3	1	11	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Repair trade.....thous. of pairs.	449	660	625	492	401	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Shoe manufacturers.....thous. of pairs.	2,646	2,497	3,515	3,025	3,142	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Stocks, end of month.....thous. of pairs.	3,967	3,844	3,731	3,121	3,164	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Mechanical rubber goods, shipments:												
Total.....thous. of dol.	4,354	3,980	5,015	4,755	5,200	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Belting.....thous. of dol.	1,346	1,018	1,155	989	1,027	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Hose.....thous. of dol.	1,368	1,248	1,433	1,319	1,408	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Other.....thous. of dol.	1,640	1,715	2,422	2,447	2,765	(1)	(1)	(1)	(1)	(1)	(1)	(1)

¹ Discontinued by reporting source.

* Revised.

[†] See footnote marked "†"

† Data for 1934 and for the period January to July 1935 are estimated to represent approximately 97 percent of the industry; for subsequent months the coverage is estimated to be 81 percent. Previously published data are estimated to cover about 80 percent of the industry for 1929-33, inclusive, and 70 to 80 percent prior to 1929.

See footnote on p. 37 of this issue. Data for 1933 revised. See p. 20 of the October 1934 issue. For 1934 revisions see p. 20 of the December 1935 issue.

• In October 1933, 4 new companies were included in the report and 1 additional company in January 1934. Since that month, the coverage of the industry is 100 percent. For preceding periods the coverage varied; in 1929 it was 90 percent; in 1931, 80 percent; and in 1933, 95 percent, according to the Census of Manufactures. Overlapping figures are available for October 1933. See the October 1934 issue for October 1933 data for the smaller number of firms.

* New series. Earlier data not published on total shipments of rubber heels and rubber soles prior to December 1932.

† Revised series. Data on consumption of rubber for tires and tubes revised for 1932, 1933, and 1934. See p. 61 of the August 1934 issue. Revised data from September 1930-December 1934—rubber world stocks, world afloat, and afloat to the United States appear on p. 20 of the July 1935 issue; for 1932 revisions for United States stocks, see p. 50 of the May 1933 issue. See p. 50 of the June 1933 issue for crude rubber imports.

▲ Coverages of Rubber Association data has varied considerably over period for which data have been shown in SURVEY. Coverage was generally higher in 1934 and 1935 than in earlier years.

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
STONE, CLAY, AND GLASS PRODUCTS													
BRICK													
Common brick:													
Price, wholesale, red, N. Y. dol. per thous.	10.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	10.50	10.50	10.50
Shipments*.....thous. of brick	95,949	91,127	117,031	95,673	73,586	56,471	44,736	109,641	154,473	171,418	172,892	168,629	165,629
Stocks*.....thous. of brick	381,532	394,988	423,651	424,737	426,550	417,482	405,866	363,932	322,719	335,768	368,638	390,564	390,564
Face brick (average per plant):													
Orders, unfilled, end of mo.thous. of brick	(1)	322	291	294	354	562	747	833	(1)	(1)	(1)	(1)	(1)
Production (machine)*.....thous. of brick	(1)	320	351	348	322	309	179	172	(1)	(1)	(1)	(1)	(1)
Shipments.....thous. of brick	(1)	300	277	311	235	147	95	66	(1)	(1)	(1)	(1)	(1)
Stocks, end of month.....thous. of brick	(1)	2,126	2,168	2,223	2,334	2,485	2,385	2,477	(1)	(1)	(1)	(1)	(1)
Sand-lime brick:													
Orders, unfilled, end of mo.thous. of brick		1,012	720	390	400	1,225	1,690	7,965	7,928	1,753	1,380	2,945	2,100
Production.....thous. of brick		1,974	2,396	2,115	1,399	1,274	486	1,032	2,220	1,449	2,278	3,690	3,427
Shipments by rail.....thous. of brick		144	44	129	83	33	36	29	186	143	137	264	197
Shipments by truck.....thous. of brick		1,873	1,894	1,927	1,280	895	714	1,085	2,129	1,688	2,163	3,235	2,896
Stocks, end of month.....thous. of brick		1,021	2,202	2,164	2,185	2,451	2,046	2,285	1,600	1,103	1,084	1,340	1,812
Vitrified paving brick:													
Shipments*.....thous. of brick		9,173	5,115	5,454	6,178	4,715	3,892	2,052	4,856	7,858	8,972	11,476	10,920
Stocks*.....thous. of brick		81,447	81,344	79,753	79,468	81,191	79,730	79,677	79,408	76,073	75,447	71,800	68,596
PORTLAND CEMENT													
Price, wholesale, composite.....dol. per bbl.	1.667	1.667	1.667	1.667	1.667	1.667	1.667	1.667	1.667	1.667	1.667	1.667	1.667
Production.....thous. of bbl.	12,525	7,235	7,173	7,510	7,093	5,603	3,630	3,454	5,263	8,519	10,985	11,273	11,446
Percent of capacity.....	56.2	31.8	32.6	33.1	32.2	25.6	16.1	16.4	39.2	48.9	52.3	51.3	51.3
Shipments.....thous. of bbl.	12,560	8,105	7,799	8,794	5,976	4,514	3,889	3,156	7,138	9,089	11,121	12,417	11,766
Stocks, finished, end of month.....thous. of bbl.	18,950	22,415	21,753	20,501	21,613	22,808	22,686	22,971	21,126	20,571	20,431	19,281	18,975
Stocks, clinker, end of month.....thous. of bbl.	4,931	6,779	6,368	5,891	5,607	5,226	5,214	5,590	5,625	5,328	5,071	4,912	5,079
GLASSWARE, ETC.													
Glass containers:#													
Production.....thous. of gross	4,403	3,825	3,102	3,616	3,271	3,059	3,114	3,047	3,339	3,604	3,810	3,898	3,844
Percent of capacity.....	77.0	64.3	58.7	60.8	59.4	55.5	52.1	55.4	58.4	63.0	69.3	68.1	67.2
Shipments.....thous. of gross	4,346	3,748	3,700	3,569	2,938	2,537	2,916	3,031	3,434	3,604	3,996	3,999	4,179
Stocks, end of month.....thous. of gross	7,422	8,239	7,576	7,575	7,826	8,328	8,437	8,410	8,270	8,224	7,942	7,792	7,488
Illuminating glassware:*													
Orders:													
New and contract.....number of turns	2,594	1,865	2,446	2,485	2,416	1,817	2,261	1,853	2,110	2,381	2,193	2,355	2,356
Unfilled, end of month.....number of turns	2,620	2,757	2,306	2,680	2,739	2,477	2,749	1,883	1,904	2,109	2,159	2,274	2,474
Production.....number of turns	2,154	1,591	2,013	2,705	2,672	2,292	2,159	2,148	1,866	2,039	2,085	1,171	2,138
Shipments:													
Total.....number of turns	2,374	1,920	2,088	2,584	2,339	2,067	1,965	1,978	1,913	2,127	2,086	2,250	1,996
Percent of full operation.....	92.5	74.8	81.4	100.7	91.1	80.6	76.6	77.1	74.5	82.9	81.3	87.6	77.7
Stocks, end of month.....number of turns	3,123	4,787	3,358	3,450	3,618	3,735	3,753	4,045	3,887	3,916	3,954	4,009	4,135
Plate glass, polished, production [†]thous. of sq. ft.	18,710	14,526	14,404	16,593	15,909	16,112	17,276	13,857	16,057	19,455	19,192	16,244	16,428
GYPSUM*													
Crude (quarterly):													
Imports.....short tons			170,613			124,302			8,098				
Production.....short tons			566,719			498,765			355,875				
Shipments (uncalcined).....short tons			161,786			140,363			93,338				
Calcined (quarterly):													
Production.....short tons			416,709			345,826			310,448				
Calcined products (quarterly):													
Shipments:													
Board, plaster (and lath).....thous. of sq. ft.			72,957			66,969			57,818				
Board, wall.....thous. of sq. ft.			62,250			62,886			60,361				
Cement, Keenes.....short tons			5,642			5,716			5,768				
Plasters, neat, wood fiber, sanded, gaug- ing, finish, etc.....short tons			293,984			235,111			205,353				
For pottery, terra cotta, plate glass, mix- ing plants, etc.....short tons			35,892			34,814			38,834				
Tile, partition.....thous. of sq. ft.			2,420			2,420			2,716				
TERRA COTTA													
Orders, new:													
Quantity.....short tons	1,552	581	713	1,027	1,267	1,509	1,906	1,105	1,050	1,945	1,390	1,706	975
Value.....thous. of dol.	194	76	91	124	149	170	211	138	146	215	159	202	110
TILE													
Hollow building tile:*													
Shipments.....short tons	47,223	45,575	55,663	45,069	31,361	28,480	21,952	48,330	68,536	78,774	89,415	90,457	90,457
Stocks.....short tons	341,833	341,509	329,489	335,104	337,465	330,262	327,112	318,069	310,262	312,141	311,830	306,698	306,698

* Revised.

[†] Discontinued by reporting source.

* New series. Earlier data not published on illuminating glassware prior to July 1932 (except production and percent of capacity); for earlier data see p. 20 of the June 1933 issue, face brick, machine production. Series on common and vitrified paving brick and tile beginning January 1934 were shown on p. 20 of the June 1935 issue. For earlier data on gypsum see p. 20 of the January 1933 issue.

† Adjusted for degrading and year-end physical inventories

† Data on plate glass represent the total output of the industry. Complete figures for the months of 1932 were shown on p. 52 of the March 1933 issue, for 1933 on p. 52 of the March 1934 issue, and for 1934 revisions p. 56 of the March 1936 issue.

Monthly series on glass containers for 1934 and 1935 are not comparable with those of earlier years due to increase of number of firms reporting to 44. Shipments of the 44 firms for the year of 1933 amounted to 33,048,747, compared with 23,511,963 for the 30 firms reporting for the same year. Comparable statistics on shipments for the companies, now reporting by years, from 1928 to 1933, inclusive, were as follows (in gross): 1928, 31,943,016; 1929, 33,765,896; 1930, 31,905,933; 1931, 31,413,508; 1932, 26,947,949; and 1933, 33,048,747. Data are not available for this period on production and stocks, nor are monthly figures on shipments available. It may be noted from the trend of these data that the monthly figures prior to 1934 had a downward bias. Basis of estimating capacity was changed in computing the new series. Data for 1934 revised; see p. 52 of the May 1935 issue; for 1935 revisions see p. 56 of the June 1936 issue.

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936		1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July	
TEXTILE PRODUCTS														
CLOTHING														
Hosiery:*														
Production.....thous. of dozen pairs..	10,111	9,001	9,577	11,574	10,293	8,918	10,099	9,252	9,832	10,201	9,270	9,479	9,983	
Shipments.....thous. of dozen pairs..	11,156	9,686	10,816	12,164	10,231	8,648	8,487	8,662	10,420	10,176	9,379	8,847	9,322	
Stocks, end of month.....thous. of dozen pairs..	19,930	19,211	17,930	17,299	17,319	17,547	19,261	19,951	19,464	19,589	19,581	20,314	20,975	
COTTON														
Consumption†.....thous. of bales..	574	408	451	553	512	500	590	516	551	577	531	555	607	
Exports:														
Quantity, exclusive of linters.....thous. of bales..	182	241	487	712	1,135	886	543	406	405	353	352	298	156	
Ginnings (total crop to end of month).....thous. of bales..	1,374	1,135	4,232	7,744	9,357	9,755	10,248		10,420				41	
Imports#.....thous. of bales..	13	8	6	8	7	13	14	18	16	13	20	12	20	
Prices:														
To producer.....dol. per lb..	.122	.115	.106	.109	.115	.114	.111	.110	.109	.112	.112	.114	.126	
Wholesale, middling, N. Y.....dol. per lb..	.123	.115	.108	.112	.120	.121	.119	.116	.114	.117	.117	.120	.132	
Production, crop estimate.....thous. of bales..	11,121					10,638								
Receipts into sight.....thous. of bales..	808	718	2,261	3,145	2,315	1,332	819	691	496	437	381	310	201	
Stocks, end of month:†														
Domestic, total mills and warehouses.....thous. of bales..	5,089	6,544	7,866	9,560	9,978	9,820	9,281	8,653	7,907	7,179	6,329	5,514	4,834	
Mills.....thous. of bales..	752	649	723	1,078	1,349	1,431	1,436	1,405	1,337	1,190	1,090	989	897	
Warehouses.....thous. of bales..	4,337	5,895	7,143	8,482	8,629	8,389	7,845	7,248	6,570	5,990	5,239	4,524	3,938	
World visible supply, total.....thous. of bales..	4,748	4,212	5,205	7,060	7,697	7,768	7,500	7,385	6,825	6,540	6,025	5,423	4,899	
American cotton.....thous. of bales..	2,986	2,834	3,968	5,807	6,383	6,363	5,918	5,591	4,992	4,574	4,121	3,759	3,091	
COTTON MANUFACTURES														
Cotton yarn:														
Prices, wholesale:														
22/1s, cones (Boston).....dol. per lb..	.301	.299	.300	.312	.323	.321	.299	.290	.278	.274	.271	.271	.295	
40/1s, southern spinning.....dol. per lb..	.388	.411	.405	.408	.415	.415	.415	.415	.393	.385	.385	.373	.385	
Cotton goods:														
Cotton cloth:														
Exports.....thous. of sq. yd..	24,412	13,731	14,128	15,529	16,935	12,466	15,489	15,392	21,745	19,685	18,840	16,843	18,527	
Imports#.....thous. of sq. yd..	5,802	3,517	4,315	5,876	5,174	4,910	9,489	8,799	12,316	9,836	8,680	14,624	4,705	
Prices, wholesale:														
Print cloth, 64 x 60.....dol. per yd..	.059	.061	.063	.064	.064	.064	.058	.056	.055	.053	.051	.054	.059	
Sheeting, brown, 4 x 4 (Trilon mill).....dol. per yd..	.075	.072	.074	.078	.082	.083	.075	.071	.070	.067	.065	.066	.072	
Cotton cloth finishing:*														
Production:														
Bleached, plain.....thous. of yd..	104,667	94,521	93,013	110,885	102,292	101,310	97,435	92,807	107,893	104,837	105,062	104,630	101,904	
Dyed, colors.....thous. of yd..	100,061	84,486	87,921	102,066	96,507	84,239	87,685	90,390	101,739	103,305	98,345	90,398	91,620	
Dyed, black.....thous. of yd..	7,690	7,282	6,151	6,499	5,399	3,969	4,554	4,118	4,140	4,087	4,364	4,675	6,357	
Printed.....thous. of yd..	91,157	77,913	86,948	97,972	97,331	104,720	100,528	91,860	95,274	91,074	89,518	90,338	91,273	
Stocks:*														
Bleached and dyed.....thous. of yd..	154,264	212,369	195,421	199,328	205,719	203,494	197,107	198,508	183,292	187,333	191,956	188,124	135,548	
Printed.....thous. of yd..	88,815	94,012	88,292	93,795	95,790	107,382	105,464	108,179	99,684	93,275	103,419	105,782	94,557	
Spindle activity:†														
Active spindles.....thousands..	23,434	22,046	22,682	23,128	23,194	23,399	23,323	23,348	23,182	23,119	22,833	23,021	23,252	
Active spindle hours, total.....millions of hours..	7,573	5,567	6,182	7,437	6,898	6,804	7,709	6,735	7,254	7,313	6,896	7,320	7,855	
Average per spindle in place.....hours..	270	185	207	251	233	233	266	233	251	242	242	259	279	
Operations.....percent of capacity..	115.8	76.5	93.9	103.8	101.1	103.8	111.9	105.2	108.1	110.9	105.2	111.0	119.8	
RAYON AND SILK														
Rayon:														
Deliveries:*														
Unadjusted.....1923-25=100..	633	550	583	494	464	473	477	517	422	433	428	498	614	
Adjusted.....1923-25=100..	586	513	419	462	522	557	487	454	399	416	446	623	808	
3-mo. moving average of adjusted index.....1923-25=100..		501	465	468	514	522	499	447	423	420	495	626	672	
Imports#.....thous. of lb..	2,441	107	241	145	509	312	392	611	346	551	683	699	1,242	
Price, wholesale, 150 denier, "A" grade (N. Y.).....dol. per lb..	.60	.57	.57	.57	.57	.57	.57	.57	.57	.57	.57	.58	.60	
Stocks, imported, end of month.....thous. of lb..		244	245	238	237	235	231	229	228	227	227	227	227	
Silk:														
Deliveries (consumption).....bales..	42,016	41,715	45,156	48,167	37,012	35,559	38,995	32,053	36,000	34,564	32,087	31,437	36,658	
Imports, raw#.....thous. of lb..	6,315	6,344	6,708	8,218	6,061	6,365	6,275	5,518	3,480	4,647	4,066	4,143	4,753	
Prices, wholesale:														
Raw, Japanese, 13-15, N. Y.....dol. per lb..	1.791	1.705	1.868	2.084	2.092	1.958	1.950	1.784	1.733	1.682	1.600	1.597	1.714	
Silk goods, composite.....dol. per yd..	(1)	.95	.97	1.00	1.00	1.00	(1)	(1)	(1)	(1)	(1)	(1)	(1)	
Stocks, end of month:														
World visible supply.....bales..	151,125	176,381	180,180	182,077	185,748	194,941	186,911	175,380	165,689	158,498	145,266	132,609	142,439	
United States (warehouses).....bales..	29,825	37,381	38,680	46,777	51,453	64,941	56,511	64,680	53,689	46,098	40,066	35,409	30,139	

* Revised. † As of Dec. 12.

* As of Sept. 1.

* As of Jan. 16.

† Final estimate.

† Discontinued by reporting source.

* New series. Hosiery compiled by the National Association of Hosiery Manufacturers and estimated to represent 95 percent of the industry. For complete series see p. 19 of the September 1935 issue. Data on cotton cloth finishing are from the National Association of Finishers of Textile Fabrics and cover practically all the industry; comparable figures are not available prior to December 1933; the production statistics are prorated from data for 4-week periods; stocks are reported at end of each 4-week period. Data on cotton yarn, southern spinning from January 1933-April 1934 will be shown in a subsequent issue. Rayon deliveries from January 1923-April 1935 were shown on p. 19 of the June 1935 issue; these data are compiled by Rayon Organon.

† For revisions for crop years 1931-32, 1932-33, 1933-34, 1934-35, and 1935-36, see p. 52 of the October 1933 issue, p. 52 of the September 1933 issue, p. 53 of the October 1934 issue, p. 57 of the October 1935 issue, and p. 57 of the September 1936 issue, respectively.

† For revisions of cotton consumption, domestic stocks, and spindle activity for crop years 1931-32, 1932-33, 1933-34, and 1934-35, see p. 20 of the February 1933 issue, pp. 52 and 53 of the November 1933 issue, p. 53 of the October 1934 issue, and p. 57 of the October 1935 issue, respectively.

† For 1933 revisions see p. 53 of the June 1933 issue; for 1933 revisions see p. 20 of the September 1934 issue; 1934 revisions are shown on p. 19 of the December 1935 issue.

† See footnote on p. 37 of this issue. Data revised for 1933; see p. 20 of the October 1934 issue; data also revised for 1934, see p. 20 of the December 1935 issue.

* Stocks at end of 4-week periods through June 16. July figures are averages for July 14 and Aug. 11. August figure as of Sept. 8. Subsequent data at the end of succeeding 4-week periods.

† For 1932 revisions see p. 53 of the June 1933 issue, for 1933 revisions see p. 20 of the October 1934 issue, and for 1934 revisions see p. 20 of the December 1935 issue.

† This series has been superseded by a new series which excludes stocks held at Milan, London, Canton, and Shanghai. Monthly data from January 1922-June 1936 are shown in the July 1936 issue, p. 20.

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July

TEXTILE PRODUCTS—Continued

WOOL													
Consumption:													
Total, grease equivalent basis†													
Apparel class, scoured basis*.....thous. of lb.	63,449	74,781	80,293	78,727	72,993	73,367	73,908	64,193	53,460	55,387	46,593	54,533	68,718
Imports, unmanufactured‡.....thous. of lb.	23,005	26,592	28,994	29,565	27,528	27,730	28,223	24,488	20,369	20,588	17,294	20,075	24,697
Operations, machinery activity:•	17,546	20,361	21,952	23,498	18,041	18,467	21,167	21,212	25,298	23,883	17,207	17,541	16,079
Combs, worsted.....percent of capacity..	106	112	113	124	125	108	107	117	88	74	72	93	93
Looms:													
Carpet and rug.....percent of capacity..	56	58	52	54	53	45	46	52	50	50	48	48	47
Narrow.....percent of capacity..	43	30	33	42	44	43	48	44	38	36	34	36	36
Wide.....percent of capacity..	73	84	78	84	89	90	90	90	80	76	76	74	69
Spinning spindles:													
Woolen.....percent of capacity..	97	101	97	106	104	93	95	96	85	82	87	87	90
Worsted.....percent of capacity..	68	68	67	81	83	73	62	68	59	60	57	57	59
Prices, wholesale:													
Raw, territory, fine, scoured.....dol. per lb.	.89	.76	.78	.81	.84	.84	.87	.92	.93	.88	.87	.90	.89
Raw, Ohio and Penn., fleeces.....dol. per lb.	.38	.31	.33	.32	.39	.39	.39	.42	.42	.37	.37	.38	.39
Suiting, unfinished worsted, 13 oz. (at mill)	1.634	1.609	1.603	1.624	1.708	1.733	1.733	1.733	1.742	1.782	1.782	1.782	1.745
Women's dress goods, French serge, 54" (at factory).....dol. per yd.	1.114	1.015	1.027	1.040	1.052	1.064	1.064	1.101	1.114	1.114	1.114	1.114	1.114
Worsted yarn, 2/32s, crossbred stock, Boston.....dol. per lb.	1.28	1.10	1.11	1.25	1.29	1.30	1.31	1.33	1.33	1.30	1.28	1.30	1.29
Receipts at Boston, total▲.....thous. of lb.	21,694	37,957	23,832	18,525	19,214	12,875	17,524	18,581	22,258	20,495	25,599	54,421	66,708
Domestic.....thous. of lb.	20,101	33,981	19,385	11,803	10,982	5,285	6,410	4,576	8,845	6,071	21,761	50,424	64,300
Foreign▲.....thous. of lb.	1,592	3,976	4,446	6,722	8,232	7,590	11,113	14,006	17,413	14,424	3,838	3,997	2,408
Stocks, scoured basis, end of quarter:•¶													
Total.....thous. of lb.			156,689			113,337			105,096			146,430	
Domestic.....thous. of lb.			137,817			84,401			60,473			110,293	
Foreign.....thous. of lb.			18,872			28,936			44,623			36,137	
Combining.....thous. of lb.			111,770			69,193			60,429			98,307	
Clothing.....thous. of lb.			44,919			44,144			44,667			48,123	
MISCELLANEOUS PRODUCTS													
Buttons, fresh-water pearl:													
Production.....pct. of capacity..	55.2	38.1	43.7	50.2	52.8	48.9	45.0	53.7	53.4	51.9	51.2	50.5	42.6
Stocks, end of month.....thous. of gross	7,660	7,403	7,215	7,215	7,136	7,151	7,925	7,956	7,989	8,003	8,046	8,061	7,690
Fur, sales by dealers†.....thous. of dol.	3,407	3,421	3,092	2,158	1,193	1,224	2,493	3,761	4,045	4,053	3,857	3,133	3,433
Pyroxylin-coated textiles (artificial leather):													
Orders, unfilled, end of month													
Pyroxylin spread.....thous. linear yd.	2,612	2,176	2,589	2,592	2,300	2,154	2,033	1,943	2,475	2,459	2,273	2,000	2,460
Shipments, billed.....thous. of linear yd.	5,375	4,471	4,692	5,125	4,152	3,893	3,951	3,894	5,121	5,647	5,423	4,930	4,686
Shipments, billed.....thous. of linear yd.	4,072	4,032	4,412	4,616	4,084	3,845	3,715	3,876	4,689	5,118	5,103	4,608	4,501

TRANSPORTATION EQUIPMENT

AIRPLANES													
Production, total†.....number.....	176	141	159	124	109	124	136	205	227	295	376	-----	-----
Commercial (licensed)†.....number.....	138	83	112	59	61	56	72	97	106	199	234	-----	-----
Military (deliveries).....number.....	19	9	17	39	37	50	39	84	93	70	71	-----	-----
For export.....number.....	19	49	30	26	11	18	25	24	28	26	71	-----	-----
AUTOMOBILES ¶													
Exports:													
Canada:													
Automobiles, assembled, total.....number.....	3,414	5,995	4,777	3,931	5,576	5,515	6,607	4,573	7,603	3,726	5,222	4,424	4,545
Passenger cars.....number.....	2,335	4,100	3,643	2,629	4,087	3,639	5,143	3,537	1,607	3,108	3,945	3,438	3,367
United States:													
Automobiles, assembled, total§.....number.....	15,728	20,073	12,703	14,580	30,529	28,012	25,654	25,959	28,920	26,053	28,575	24,042	22,525
Passenger cars§.....number.....	8,323	10,076	5,622	7,471	22,491	17,736	15,867	16,046	18,921	17,723	17,727	14,987	12,714
Trucks§.....number.....	7,405	9,997	7,081	7,109	8,038	10,276	9,787	9,913	9,999	8,330	10,848	9,055	9,811
Financing: ☉													
Retail purchasers, total.....thous. of dol.	100,761	77,651	74,188	90,191	97,508	88,649	87,169	143,515	172,982	176,316	186,550	168,685	168,685
New cars.....thous. of dol.	62,661	46,114	42,179	60,531	64,605	56,284	55,232	94,664	116,297	116,569	125,916	112,795	112,795
Used cars.....thous. of dol.	37,011	30,716	31,122	28,708	31,906	31,868	31,432	48,044	55,705	58,695	59,606	54,980	54,980
Unclassified.....thous. of dol.	1,089	820	887	951	997	498	505	807	980	1,051	1,028	910	910
Wholesale (manufacturers to dealers).....thous. of dol.	92,918	39,700	75,907	132,315	149,728	118,872	113,830	154,147	189,481	180,665	174,277	162,404	162,404

• Revised.

¶ See footnote on p. 37 of this issue.

† Since July 1934 report has been on a weekly basis. Data for September and December 1934, March, June, September, and December 1935, and January, April, and July 1936 are for 5 weeks; other months, 4 weeks. Figures for July 1934 and succeeding months are computed from *Census Bureau* figures so as to represent 100 percent of the wool industry; earlier figures incomplete.

• New series. Wool stock series began in June 1934. See p. 20 of the July 1935 issue for earlier data and explanation of new wool consumption series.

• Beginning with the July 1934 report the statistics are reported on the basis of 4 and 5 weeks, the weekly distribution being determined by the Saturdays. The statistics presented herewith are still based on the pre-code computed normal (currently based on the single-shift performance over the 5-year period 1928-32). The current data represent practically complete coverage of the industry. Since December 1934 no allowance has been made for holidays.

▲ Foreign receipts beginning January 1934 are compiled by U. S. Department of Agriculture and are not comparable with data carried through December 1933. This results in a total figure which also is not comparable with earlier data.

¶ Compiled by the Bureau of the Census and represent stocks of raw wool held by all dealers, topmakers, and manufacturers who usually hold significant stocks of wool. The figures for the 3 quarters of 1934 have been revised to include the "grade not stated."

† Grease equivalent of shorn wool, plus actual weight of pulled wool. Conversions are based on totals; scoured wool is multiplied by 2 and pulled wool by 1½. Includes clothing and carpet wools. See note on apparel class wool on p. 20 of the July 1935 issue. As this grease series will probably be dropped in favor of the more accurate scoured series, it is suggested that those who wish to keep series going have their names placed on Bureau of the Census mailing list for the monthly wool consumption report, from which can be computed the present data, using formula given.

§ For 1932 revision see p. 53 of the June 1933 issue, for 1933 revisions see p. 20 of the October 1934 issue, and for 1934 see p. 20 of the December 1935 issue.

☉ Data revised for 1932, see p. 54 of the June 1933 issue. Data revised for 1933, see p. 20 of the September 1934 issue; and for 1934, p. 19 of the December 1935 issue.

¶ Index of sales of new passenger cars is shown on p. 26 of this issue.

† Data for 1935 revised (airplanes). See p. 58 of the April 1936 issue. Fur sales revised for 1935, see p. 58 of the July 1936 issue.

☉ Of the 282 identical organizations reporting originally 8 discontinued financing in January, 2 in February, 2 in March, 5 in June, 1 in July, 2 in August, 1 in September, 1 in October, and 2 in December, 1934.

Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935					1936						
	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July

TRANSPORTATION EQUIPMENT—Continued

AUTOMOBILES—Continued													
Fire-extinguishing equipment:†													
Shipments:													
Motor-vehicle apparatus.....number..	69	38	49	59	65	63	38	42	52	53	48	56	67
Hand-type.....number..	36,573	32,534	28,362	31,556	27,587	25,516	32,120	23,932	31,203	32,753	32,542	35,110	38,500
Production:													
Automobiles:													
Canada, total.....number..	4,660	7,675	5,188	8,273	13,491	13,789	13,302	13,268	18,021	24,951	20,006	16,400	10,475
Passenger cars.....number..	3,051	5,003	3,402	6,803	10,916	10,666	11,261	10,853	14,488	20,247	16,389	13,126	8,192
United States, total.....number..	271,291	237,400	87,640	272,043	395,059	404,528	364,004	287,006	420,971	502,775	400,565	452,955	440,999
Passenger cars†.....number..	200,754	181,130	56,097	213,310	336,914	343,022	298,274	224,816	343,523	417,133	385,507	375,894	372,402
Trucks†.....number..	61,537	56,270	31,443	58,733	58,145	61,506	65,730	62,190	77,445	85,642	75,058	77,061	68,597
Automobile rims.....thous. of rims..	935	798	1,052	1,654	1,804	1,912	1,877	1,261	1,841	2,258	1,960	1,876	1,716
Registrations:													
New passenger cars†.....number..	262,912	233,851	157,098	148,389	220,262	237,194	215,782	176,668	301,272	397,190	392,750	369,423	357,490
New commercial cars*.....number..	59,222	50,355	41,390	43,243	37,616	38,000	43,760	40,301	51,817	57,000	62,183	56,030	63,695
Sales:													
General Motors Corporation:													
To consumers.....number..	133,804	127,346	66,547	68,566	130,859	122,198	102,034	96,134	181,782	200,117	194,628	189,756	163,459
To dealers, total†.....number..	121,943	124,680	39,152	127,054	182,754	185,698	158,572	144,874	196,721	229,467	222,603	217,931	204,693
U. S. dealers.....number..	99,775	103,098	22,986	97,746	147,849	150,010	131,134	116,762	162,418	194,695	187,119	186,146	177,436
Shipments, accessories and parts, total*													
Jan. 1925=100.....	110	92	105	132	135	135	145	123	149	162	150	157	136
Accessories, original equipment													
Jan. 1925=100.....	108	85	98	137	148	155	156	127	160	181	163	166	145
Accessories to wholesalers.....Jan. 1925=100.....	75	126	129	150	147	160	170	120	130	110	112	112	88
Replacement parts.....Jan. 1925=100.....	147	124	135	141	139	107	114	116	109	125	130	151	148
Service equipment.....Jan. 1925=100.....	106	75	91	98	60	73	85	84	97	104	113	115	109
RAILWAY EQUIPMENT													
Equipment condition:													
Freight cars owned:													
Capacity.....mills. of lb..	171,933	179,203	178,703	178,125	176,727	175,772	173,507	172,939	172,620	172,460	172,341	172,152	*172,033
Number, total.....thousands..	1,767	1,857	1,851	1,842	1,837	1,817	1,791	1,784	1,780	1,778	1,776	1,772	1,769
Bad order, total.....number..	256,903	285,320	284,427	273,125	269,984	266,876	256,511	254,598	249,245	253,125	260,013	254,447	258,198
Percent of total in bad order.....	147	15.6	15.6	15.0	15.0	14.9	14.6	14.5	14.2	14.5	14.9	14.6	14.8
Locomotives, railway:													
Owned:													
Tractive power.....mills. of lb..	2,185	2,219	2,215	2,212	2,211	2,206	2,199	2,197	2,194	2,193	2,189	2,186	2,185
Number.....	44,564	45,821	45,686	45,610	45,565	45,375	45,179	45,088	45,009	44,966	44,835	44,742	*44,682
Awaiting classified repairs.....number..	8,736	10,403	10,335	10,187	10,127	9,914	9,825	9,556	9,642	9,610	9,380	9,119	8,906
Percent of total.....	19.6	22.7	22.6	22.3	22.2	21.8	21.8	21.2	21.4	21.4	21.0	20.4	19.9
Installed.....number..	53	60	86	43	53	54	81	46	53	60	65	91	60
Retired.....number..	171	122	221	119	108	241	284	138	132	103	196	184	124
Passenger cars:													
On railroads (end of quarter).....number..			41,405			40,509			*40,199			39,915	
Equipment manufacturing:													
Freight cars:													
Orders, new.....cars..	3,225	100	110	810	25	10,030	1,050	7,236	627	3,650	9,677	4,320	4,469
Orders, unfilled, total.....cars..	20,530	*7,240	7,440	6,432	4,489	12,715	11,315	12,629	13,478	15,683	22,964	25,311	24,373
Equipment manufacturers.....cars..	12,924	5,841	5,775	4,614	2,798	5,224	4,444	4,052	5,471	7,035	14,646	15,907	15,092
Railroad shops.....cars..	7,606	1,418	1,665	1,981	1,691	7,491	6,871	8,577	8,007	8,648	8,318	9,404	9,281
Shipments, total.....cars..	3,854	17	1,281	1,755	1,912	746	430	189	2,168	2,514	2,172	1,930	
Domestic.....cars..	3,804	17	27	1,281	1,754	1,912	746	430	186	2,066	2,299	2,056	1,924
Locomotives, industrial electric (quarterly):													
Shipments, total.....number..			51			72			58			102	
Mining use.....number..			50			63			58			101	
Locomotives, railway:													
Orders, new.....number..	3	0	7	0	0	2	14	46	13	15	10	24	9
Orders, unfilled, end of month:													
Equipment manufacturers (Census), total.....number..	117	40	38	37	37	26	37	84	95	101	106	119	125
Domestic, total.....number..	107	34	36	34	34	24	36	78	90	95	100	116	117
Electric.....number..	41	26	24	24	23	23	33	33	33	33	33	40	*42
Steam.....number..	66	8	12	10	11	1	3	45	57	62	67	76	*75
Railroad shops (A. A. R.).....number..		2	3	2	5	5	5	7	12	12	9	8	8
Shipments:													
Domestic, total.....number..	18	4	3	2	1	11	0	1	0	4	5	11	12
Electric.....number..	2	4	2	0	1	1	0	1	0	3	0	2	3
Steam.....number..	16	0	1	2	0	10	0	0	0	1	5	9	9
Exports, total.....number..	3	9	9	14	12	8	0	1	4	1	3	6	8
Electric.....number..	2	7	5	10	8	6	0	0	0	0	0	0	0
Steam.....number..	1	2	4	4	4	2	0	1	4	1	3	6	8
Passenger cars:													
Orders, new, placed by railroads.....number..	0	0	0	2	0	0	0	37	0	50	0	20	34
Orders, unfilled (end of quarter).....number..			9			26			65			139	
Shipments, total.....number..	2	45	0	0	0	0	0	0	4	5	5	12	0
Domestic.....number..	2	45	0	0	0	0	0	0	4	5	5	12	0
ELECTRIC TRUCKS AND TRACTORS													
Shipments, industrial, total.....number..	125	78	80	117	115	100	84	75	89	112	91	88	113
Domestic.....number..	115	76	72	114	103	74	78	71	86	99	86	84	110
Exports.....number..	10	2	8	3	12	26	6	4	3	13	5	4	3

* Revised.

† New series. For earlier data see p. 20 of the February 1934 issue for total shipments, accessories and parts, and registrations of new commercial cars.

‡ Revised series. For earlier data see p. 19 of the August 1933 issue for fire extinguishers and passenger-car registrations; exports of locomotives for 1932; p. 55 of the June 1933 issue for 1933, see p. 20 of the September 1934 issue, and for 1934 p. 19 of this issue. Data on automobile production revised for 1933. See p. 55 of the August 1934 issue. For revised data for 1934 see pp. 55 and 56 of the June 1935 issue. Data for 1935 and 1936 through March revised. See p. 59 of the June 1936 issue.

* Taxicabs are included in figures for passenger cars, beginning January 1934 in order to avoid disclosure of individual companies.

† United States and Canadian dealers, plus overseas shipment.

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