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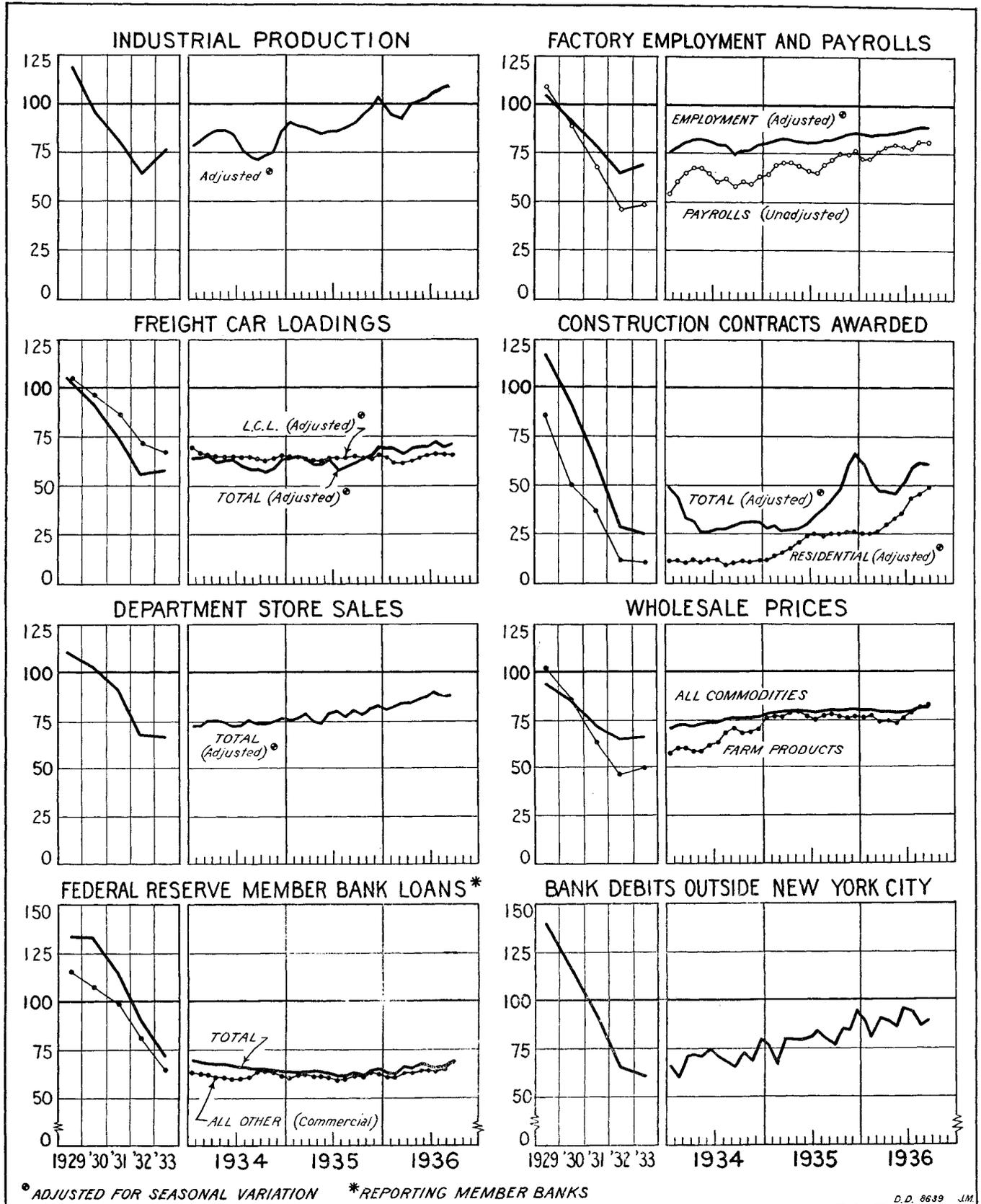
The Past Decade . . .

has witnessed a phenomenal growth in the manufacture of organic plastics and today such products have a varied and rapidly expanding use. . . . Production of synthetic resins was more than trebled in the 3 years 1932 to 1935 and during 1936 the rapid rise has continued. . . . Production of cellulose plastic products has followed a similar trend, although the expansion in the production of sheets, rods, and tubes (the raw material) has not been so rapid in recent years as the increase in synthetic resins. . . . These products are utilized in the manufacture of such widely diversified items as lacquers, safety glass, imitation leather, radio parts, automobile accessories, toilet ware, and fountain pens.

The article on page 14 by T. W. Delahanty, Assistant Chief of the Chemical Division, stresses the growth and importance of this relatively new development in the industrial field.

Business Indicators

1923-25=100



Business Situation Summarized

BUSINESS activity during October has been stimulated by crop marketings, the seasonal rise in retail sales, the revival of activity in the automobile manufacturing industry, and the rise in employment and consumer income which normally occurs during this period. Industrial production has been maintained at the relatively high level of September, the available data suggesting but slight change in the seasonally adjusted index for the month. In September, the Federal Reserve's preliminary index of industrial production advanced slightly to 109 (1923-25=100), as a result of the more than seasonal increase in mineral production. The seasonally adjusted index of manufactures was unchanged from the August figure of 110 which was the highest for the recovery period.

Changes in the seasonally corrected September production indexes for the major manufacturing industries in general were not large. Pig-iron production increased, but the decline in steel-ingot production caused the adjusted index for the iron and steel industry to drop for the first time since February. Expansion in the textile industry approximated the usual seasonal change; automobile production was about halved by the shift to new models, although the adjusted index dropped only moderately; plate glass, cement, and lumber production increased after seasonal corrections; and there was a marked rise in cigarette output.

An extension of the increase in the output of the machinery industries is indicated by current data; machine-tool production increased, although the volume of new orders was lower than in August.

The most marked change in the October production series was in the automobile industry, but here the advance was retarded by delays in resuming volume production after temporary shut-downs. Steel output increased. Further expansion in the coal industry was one of the influences contributing to the extraseasonal rise in freight traffic during October; however, the increase in loadings to a fall peak which is the highest since 1930 reflects more generally the broad improvement in business which has occurred in recent months.

Aggregate employment in September showed a large increase, in accordance with seasonal tendencies. This rise was accompanied by an extension of the upward trend of pay rolls. Increased employment was noted in the construction industry, although the volume of new contracts awarded declined.

Cash farm income in September increased over the August total, after seasonal adjustment, but was lower than in June and July. The October crop report of the Department of Agriculture stated that heavy rains had caused a remarkable revival in the condition of pastures, but had come too late to have much effect on this year's crop output.

MONTHLY BUSINESS INDEXES

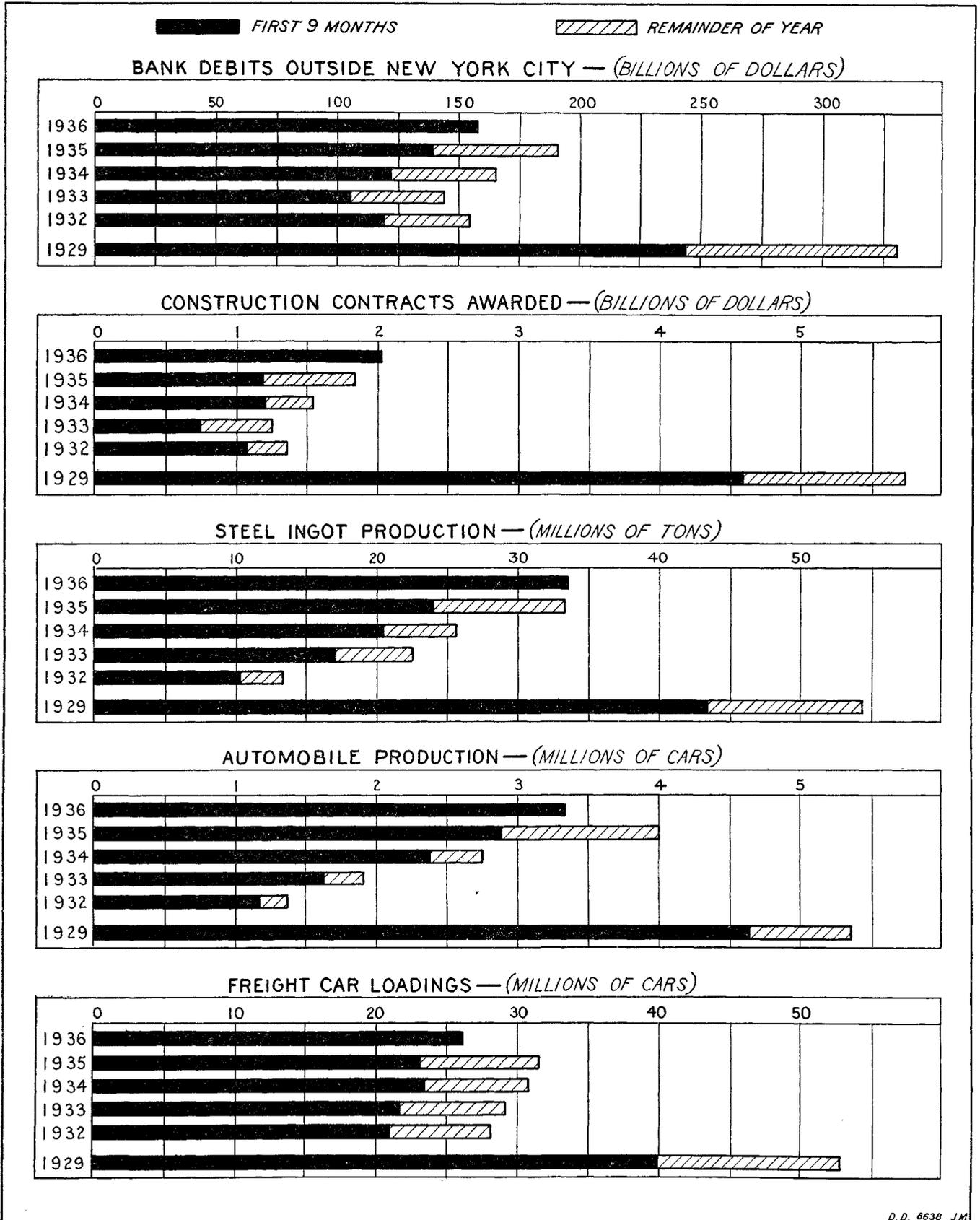
Year and month	Industrial production						Factory employment and pay rolls		Freight-car loadings		Retail sales value, adjusted		Foreign trade, value, adjusted ²		New Bank debits, outside New York City	Construction contracts, all types, value, adjusted ²	Cash farm income ³		Wholesale price index, 784 commodities	
	Unadjusted ¹			Adjusted ²			Number of employees, adjusted ¹	Amount of pay rolls, unadjusted	Total	Merchandise, l. c. i.	Department stores	Rural, general merchandise	Exports	Imports			Unadjusted	Adjusted ³		
	Total	Manufactures	Minerals	Total	Manufactures	Minerals									Adjusted ¹	Adjusted ²				
	Monthly average, 1923-25=100											1929-31 =100	Monthly average, 1923-25=100				Monthly average, 1926=100			
1929: September.....	123	123	127	121	121	118	106.3	112.9	106	106	113	134.4	110	115	138.3	110	122.0	103.0	96.1	
1930: September.....	92	90	101	90	89	94	87.0	84.1	87	95	99	93.2	78	74	107.7	82	92.5	80.5	84.4	
1931: September.....	77	76	83	76	75	78	75.2	63.4	69	85	85	70.0	45	55	84.3	59	53.0	49.5	71.2	
1932: September.....	67	66	74	66	65	71	61.8	42.7	54	69	67	61.8	33	32	59.6	30	46.5	41.5	65.3	
1933: September.....	85	84	94	84	83	87	78.0	58.8	60	68	68	73.9	40	48	61.9	30	58.0	50.0	70.8	
1934: September.....	73	70	87	71	69	82	74.0	57.6	59	64	74	98.8	48	43	65.3	30	73.5	62.5	77.6	
1935:																				
September.....	90	89	92	91	92	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	96	97	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	101	101	101	85.6	75.6	71	66	83	109.8	56	68	94.7	67	72.5	67.0	80.9	
1936:																				
January.....	95	95	99	97	96	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	92	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	100	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	101	101	85.8	78.5	70	64	87	113.3	56	58	86.2	46	64.0	72.5	78.6	
June.....	104	105	109	104	105	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	108	109	101	87.7	77.8	73	67	91	114.7	54	65	94.4	59	84.0	88.0	80.5	
August.....	106	106	104	108	110	98	88.9	81.1	70	67	87	111.9	51	62	86.7	62	75.0	74.5	81.6	
September.....	107	107	109	109	110	101	88.9	81.0	72	67	88	123.6	55	70	89.2	61	89.0	77.5	81.6	
Monthly average, January through September:																				
1934.....	81	80	86				87.9	61.6	62	66	58	74.6	46	43	68.9	33	53.8		74.4	
1935.....	88	88	89				81.3	67.9	62	64	69	86.9	41	52	77.7	32	58.0		79.8	
1936.....	102	102	100				85.9	77.1	70	65	76	98.7	51	61	88.9	53	68.6		80.2	

¹ Adjusted for number of working days.

² Adjusted for seasonal variation.

³ From marketings of farm products.

Graphic Comparison of Principal Data



Commodity Prices

THE 6-year high reached in August by the Bureau of Labor Statistics monthly index of wholesale prices was maintained in September, and the weekly figures for the first half of October indicate little change. Prices of raw materials and semimanufactures were 6 and 2 percent higher, respectively, in September than a year earlier, but prices of finished products were 1 percent lower.

Of constituent groups and subgroups, the monthly wholesale indexes of chemicals and drugs and hides and leather showed the greatest increases for September as compared with August. After rapid advances in August and early September, prices of meats declined sharply through the first 3 weeks of October. The indexes of farm products and foods advanced moderately from August to September; farm products advanced further during the first half of October, but foods dropped sharply by reason of the decline in meat prices.

Prices received by farmers appear to have declined slightly from mid-September to mid-October according to the Bureau of Agricultural Economics. Small advances in prices of wheat, cattle, and potatoes were not sufficient to offset decreases in prices of cotton,

corn, hogs, lambs, butter, and cheese. Feed grain prices declined following general rains in September. Continued early marketing of hogs, however, with seasonal declines in price is expected by the Bureau of Agricultural Economics, which also forecasts rather sharp advances in prices of cattle by November. Butter and cheese prices declined slightly from mid-September and mid-October, though egg prices have been strong. The Bureau notes the relative strength of cotton but the weakening of United States prices of hides, coffee, rubber, sugar, and burlap which accompanied the recent depreciation of currencies in France, Italy, Switzerland, Netherlands, and Czechoslovakia; it notes also that the movement of wholesale prices generally in the major foreign countries was upward in September.

The slow but persistent rise in the cost of living index continued in September, according to the National Industrial Conference Board. The Board's index has advanced 3.9 percent in the past year, though it is still 15 percent lower than in September 1929. In September retail prices of food rose 0.3 percent; rents, 1.3 percent; clothing, 0.5 percent; and coal, 1.1 percent.

INDEXES OF COMMODITY PRICES

Year and month	Wholesale Prices (Department of Labor)													Cost of living (National Industrial Conference Board)	Retail Prices						
	784 Combined commodity quotations	Economic classes			Groups and subgroups										Farm prices, combined index, 47 commodities (Department of Agriculture) ¹	Foods (Department of 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																					
1929: September	96.1	95.0	98.9	94.5	106.6	101.6	103.3	113.1	91.6	95.8	93.7	82.7	110.6	94.3	106.3	89.8	83.1	101.1	150	108.0	-----
1930: September	84.4	86.4	82.1	77.7	85.3	77.0	89.5	99.2	83.2	87.1	87.2	79.0	99.2	92.3	89.0	76.2	75.2	95.9	120	98.3	-----
1931: September	71.2	75.9	62.7	66.7	60.5	44.2	73.7	73.6	73.9	77.0	76.3	67.4	85.0	82.7	83.9	64.5	68.2	86.1	109	80.6	87.4
1932: September	65.3	70.4	56.2	60.7	49.1	37.4	61.8	60.9	70.4	70.5	72.9	70.8	72.2	73.7	80.1	55.6	64.7	76.6	66	66.7	73.6
1933: September	70.8	74.8	61.7	72.9	57.0	63.9	64.9	51.5	76.1	82.7	70.3	70.4	92.3	79.3	82.1	76.9	65.1	78.2	80	71.9	86.0
1934: September	77.6	80.1	73.9	71.8	73.4	88.1	76.1	75.6	78.3	85.6	76.5	74.6	84.1	81.8	86.6	71.1	70.2	80.8	103	80.1	87.7
1935:																					
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	87.1	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	88.5	72.9	67.5	83.0	109	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	76.6	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	86.3	79.3	76.2	94.9	81.4	86.9	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	85.2	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	78.8	85.2	78.6	76.1	93.8	81.4	89.2	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	82.1	86.4	79.7	86.9	79.8	79.3	93.6	81.4	87.1	70.9	71.5	85.6	124	84.0	88.5
September	81.6	82.3	81.8	75.9	84.0	102.0	83.3	87.3	79.6	87.1	81.7	76.1	94.6	81.7	86.9	79.9	71.3	85.9	124	84.3	89.2
Monthly average, January through September:																					
1934	74.4	77.9	67.5	73.2	63.5	70.4	69.1	60.8	78.5	86.6	75.5	73.0	88.1	81.0	87.2	73.9	69.5	79.1	87	73.6	88.6
1935	79.8	82.1	76.9	72.8	78.9	83.1	83.2	93.9	77.7	85.1	80.2	73.4	87.9	80.6	86.3	70.2	68.7	82.3	107	80.1	86.1
1936	80.2	81.7	78.7	74.8	79.3	82.6	81.4	88.5	79.1	86.1	79.4	76.1	94.7	81.4	86.7	70.6	69.5	84.4	111	81.9	88.3

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 during the opening weeks of October have been relatively satisfactory, according to available reports, with marked gains over a year ago reported in many lines. With improvement in basic economic conditions in recent months the outlook for the current quarter, when general merchandise sales reach a seasonal peak, is considered favorable. Activity in wholesale markets has increased in anticipation of the enlarged requirements of retailers between now and Christmas.

Reports at hand on the dollar volume of retail sales in September reveal an increase of more than seasonal proportions in comparison with the August results, but the aggregate did not reattain the July peak, after proper adjustments for the usual seasonal changes. As may be noted from the table below, the August to September gain was relatively small for department and variety stores, but the increase in rural sales of general merchandise was so large as to advance the seasonally adjusted index for such sales to a new high for the recovery period by a substantial margin.

In all the Federal reserve districts, sales of department stores were larger in September than in September 1935 and results were not so diverse as in the preceding month. With total sales up 14 percent, the percentage increases, by districts, ranged from the 8 percent reported for New York to the 21 percent reported for the Atlanta district.

The rise in rural sales of general merchandise in September was of unusual proportions. The seasonally adjusted index reached 123 (1929-31=100), a figure which has been exceeded in only 8 months since 1928, all of them being in 1929. While the drought may have exercised a hampering effect on retail trade in some areas, aggregate cash farm income during the third quarter, seasonally adjusted, was about 8 percent larger than in the second quarter. This continued expansion in farm income has no doubt been the major influence in the further rise in the volume of sales in rural areas.

Preliminary totals from the 1935 census of retail distribution have recently been announced by the Bureau of the Census. While a complete résumé of the results in comparison with those of 1929 and 1933 is expected to be given in a special article in the December issue of the SURVEY, it may be stated that the 1935 total was \$32,790,000,000, an increase of 31 percent over the 1933 total of \$25,037,000,000. Sales were about one-third less in dollar volume than in 1929. The preliminary census total for 1935 was less than 1 percent above the estimate given in the March 1936 issue of the SURVEY.

Data available at present indicate that the dollar volume of all retail sales so far during 1936 has exceeded that of the corresponding period of 1935 by about one-eighth, but with the relative increase in recent months more pronounced.

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 ⁴	Unad-justed ⁴	Ad-justed ⁴		Unad-justed ⁴	Ad-justed ⁴	Unad-justed ⁴	Ad-justed ⁴	Unad-justed ⁴	Ad-justed ⁴				
	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: September.....	117	113	104	100	-----	102.6	107.4	133.0	134.4	133.8	141.5	101.9	103.3	-----	-----
1930: September.....	103	99	95	91	-----	92.5	96.9	92.3	93.2	78.7	82.0	94.4	92.8	-----	-----
1931: September.....	88	85	84	81	-----	88.1	92.3	69.3	70.0	47.2	49.0	85.1	79.5	-----	-----
1932: September.....	71	67	63	60	83	78.0	81.7	61.2	61.8	30.5	31.0	75.6	60.1	-----	-----
1933: September.....	73	68	73	70	88	82.5	86.4	73.2	73.9	51.2	52.0	80.3	58.7	1,075	16,663
1934: September.....	79	74	67	64	95	85.5	89.5	97.9	98.8	51.9	53.0	83.5	63.6	771	15,552
1935:															
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	17,185
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	15,680
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.....	63	91	59	63	110	97.2	109.2	88.5	114.7	117.3	104.5	85.4	69.0	639	9,904
August.....	68	87	65	67	109	86.5	97.7	96.2	111.9	92.9	92.0	86.2	69.6	655	8,271
September.....	93	88	71	68	110	98.2	102.8	122.3	123.6	70.9	83.0	87.7	70.6	586	9,819
Monthly average, January through September:															
1934.....	67	-----	64	-----	92	81.6	-----	72.4	-----	64.0	-----	82.1	62.4	986	20,208
1935.....	69	-----	62	-----	95	81.7	-----	86.9	-----	84.9	-----	83.2	64.9	961	15,084
1936.....	76	-----	64	-----	104	88.3	-----	98.7	-----	105.0	-----	85.6	68.4	799	12,796

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

³ Adjusted for seasonal variations.

⁴ End of month.

⁵ See note on p. 26 of this issue.

Employment

EMPLOYMENT in the industries surveyed monthly by the Bureau of Labor Statistics increased in September in accord with customary seasonal tendencies. This was the sixth consecutive monthly gain. The Department of Labor reported that "comparisons with September 1935 show an increase of more than 1,000,000 workers in these selected industries and a rise of nearly \$32,600,000 in weekly wage disbursements. This means that approximately 6,000,000 more people are in all types of regular employment other than agriculture now than at the low point of the depression in March 1933."

In manufacturing industries, about 142,000 more workers were employed in September than in August, and about 230,000 additional employees were absorbed by nonmanufacturing industries. The Federal Reserve seasonally adjusted index of factory employment at 88.9 (1923-25=100) was unchanged from the August figure.

In industries manufacturing nondurable goods, employment was at the highest level since February 1930, and was above the average of the 1923-25 period by a narrow margin. The number at work in durable goods industries showed a smaller gain over the month interval, and was the largest since September 1930.

Of the 90 manufacturing industries from which data were collected, 69 reported a larger number of workers in September than in August. Those in which the gains were of larger than seasonal proportions included,

among others: Lighting equipment; hardware; hot-water heating equipment; blast furnaces, steel works, and rolling mills; foundries and machine shops; steam railroad repair shops; and sawmills. Contraseasonal gains were reported for carpet and rug firms, shipbuilding, millwork, and cement manufacture.

The most pronounced decline reported among the manufacturing industries was that in automobile manufacture, many plants being temporarily closed while preparations were made for the production of 1937 models. In the woolen and worsted goods industry a decline instead of the usual seasonal rise was reported.

Twelve of sixteen nonmanufacturing industries covered reported increased employment in September, and four experienced slight declines involving in the aggregate only 1,400 workers. The large increase reported for retail trade was slightly more than seasonal. Employment in wholesale trade, coal and metalliferous mining, building construction, and dyeing and cleaning establishments also increased.

The number of workers placed in private jobs by the United States Employment Service in September totaled 167,790, the largest for any one month since the figures first became available in 1933, with the exception of the April-June period of 1934. Placements on publicly-financed projects declined, but were still considerably larger than placements in private employment.

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 manufactured gas		Telephone and telegraph		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	(road building) ²
	Monthly average, 1923-25=100			Monthly average, 1929=100											Percent of total members	Dollars	
1929: September...	109.0	106.3	112.9	101.9	103.8	97.2	98.6	105.5	106.6	102.5	100.4	100.6	101.7	90		29.01	.594
1930: September...	89.6	87.0	84.1	93.8	91.6	90.5	74.9	105.2	106.1	96.8	102.2	94.3	91.5	79	24.95	.589	40
1931: September...	77.4	75.2	63.4	80.0	64.9	80.4	53.6	94.7	94.3	85.0	92.1	83.3	78.3	74	21.90	.562	34
1932: September...	63.3	61.8	42.7	55.8	47.0	62.4	30.2	81.0	74.7	77.4	75.9	74.2	58.3	68	16.44	.480	32
1933: September...	89.0	78.0	58.8	56.8	60.7	71.8	44.1	80.3	71.8	68.3	64.6	80.6	58.7	71	19.41	.536	37
1934: September...	75.9	74.0	57.6	56.9	47.0	78.2	51.4	85.8	79.3	72.2	81.7	60.6	75	19.55	.591	41	
1935:																	
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	22.54	.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	92.9	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	78.6	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	89.0	87.0	71.6	78.5	85.0	65.8	83	24.41	.616	42
June.....	86.0	86.3	78.7	51.2	42.0	75.7	61.5	90.3	88.1	72.1	77.4	85.5	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.....	89.0	88.9	81.1	41.1	31.4	76.8	65.8	93.5	89.9	73.5	81.0	82.4	64.4	86	24.66	.616	41
September...	90.6	88.9	81.0	47.6	34.9	78.1	71.0	93.4	90.6	73.7	78.2	86.8	66.6	86	25.12	.619	42
Monthly average, January through September:																	
1934.....	79.2		61.6	59.4	57.7	76.4	53.0	83.4	77.4	70.4	70.8	80.8	60.1	74	20.07	.577	42
1925.....	81.3		67.9	52.9	47.8	76.7	54.9	83.9	80.3	70.2	74.3	80.7	61.0	77	21.95	.598	41
1936.....	85.9		77.1	51.8	44.9	77.8	67.2	89.4	87.4	71.7	77.7	83.3	64.5	82	24.05	.614	40

¹ Adjusted for seasonal variation.

² National Industrial Conference Board.

³ Beginning 1934 data compiled from Public Works projects, prior years from Federal aid and State projects.

Finance

ON October 13 the Secretary of the Treasury announced that the United States, Great Britain, and France had agreed on an arrangement providing for the stabilization of their respective currencies in line with their announcements of September 25. The United States agrees until further notice to sell gold at a specified price (although subject to change) to the stabilization funds of those countries which, through their own funds, agree to sell gold to the United States. The announced step followed the devaluation of the French and Swiss francs and the Italian lira and the depreciation of the Netherlands florin. It involves the removal of restrictions which had virtually prohibited gold shipments from the United States to countries which are not technically on the gold standard.

Among the assumed effects of the recent action will be a reduction in the volume of international gold movements. During the past 2 years, political and financial uncertainties in the gold-bloc countries have been the major factors periodically influencing heavy movements of capital, through gold transfers, from Europe to the United States.

The heavy inflow of gold during the month ending October 21 and the continued Treasury disbursements of funds with the Federal Reserve banks have increased the excess reserves of the member banks from \$1,743,000,000 to \$2,127,000,000, while at the same time the total volume of Reserve bank credit outstanding decreased by \$10,000,000. Total loans and investments of the weekly reporting member banks during the month ended October 14 decreased \$46,000,000. Security loans fell \$75,000,000, while

"other loans", including commercial loans, rose \$111,000,000. The latter have risen each week from the end of July, when the seasonal rise of commercial loans got off to an early start, but the amount of the increase this year has been particularly significant.

In its September Bulletin the Board of Governors of the Federal Reserve System summarized the results of a recent survey of the growth and distribution of large deposits of member banks. The survey covered the period from October 25, 1933, to November 1, 1935, and showed a rapid growth in bank deposits during this period which was widely distributed among various economic classes of depositors, as well as regionally. The Board stated that "the growth of deposits of concerns engaged in trade, commerce, and industry, not only indicates that business has been building up large cash balances but also helps to explain the small demand for commercial and industrial borrowing at banks and also in part the small amount of securities issued to obtain new capital."

Favorable corporate earnings reports for the third quarter have contributed to strength in stock quotations during October. Price rise was more pronounced in the industrial and railroad stocks than in the utilities. Bond prices have continued strong and new issues of quality have found a ready market at low rates of interest.

On October 20 the Treasury announced that for the first time since 1928 tax collections in the initial quarter of the fiscal year passed the billion-dollar mark. The collections amounted to \$1,009,994,623, an increase of \$164,523,370 over the corresponding months of last year.

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															
1929: September	27,274	7,828	5,401	1,458	1,103	11.0	4,811	4,457	160	225.2	95.58	1,300,782	2.95	6 3/4	
1930: September	21,253	8,476	6,454	1,103	1,103	6.5	4,493	4,662	190	148.8	98.83	374,963	2.83	3	
1931: September	16,627	6,346	7,916	1,578	159	-258.5	5,133	5,231	470	85.4	88.34	221,057	2.18	2	
1932: September	11,767	4,521	8,210	2,233	375	100.2	5,685	5,282	859	58.4	83.93	68,515	1.24	2-2 1/4	
1933: September	12,215	3,887	8,382	2,421	713	-7.4	5,632	5,079	1,189	75.5	85.82	64,197	1.06	1 1/4-1 1/2	
1934: September	12,888	3,160	3,357	2,404	1,727	-16.3	5,427	5,145	1,193	67.4	90.05	39,293	1.23	3 1/4-1	
1935:															
September	15,016	3,695	3,380	12,390	2,477	2,600	5,651	5,179	1,192	85.0	92.65	172,745	1.34	3 1/4	
October	16,844	3,006	3,340	12,476	2,482	2,970	5,704	5,101	1,196	85.2	92.84	148,402	1.35	3 1/4	
November	16,685	3,108	3,401	12,480	2,480	3,160	5,770	5,154	1,199	93.3	93.69	119,794	1.40	3 1/4	
December	18,678	3,274	3,401	12,646	2,486	2,844	5,897	5,137	1,201	95.3	94.47	221,207	1.41	3 1/4	
1936:															
January	17,499	3,128	3,304	12,996	2,479	3,084	5,757	5,177	1,208	100.1	96.16	115,253	1.42	3 1/4	
February	15,766	3,117	3,281	13,047	2,482	2,986	5,779	5,177	1,214	106.1	97.22	106,739	1.45	3 1/4	
March	17,867	3,313	3,495	13,229	2,475	2,305	5,857	5,204	1,216	108.7	97.26	129,527	1.46	3 1/4	
April	17,497	3,364	3,485	13,462	2,475	2,664	5,892	5,175	1,215	108.9	96.69	176,672	1.47	3 1/4	
May	16,998	3,486	3,586	13,522	2,474	2,866	5,918	5,165	1,214	101.0	97.38	111,571	1.50	3 1/4	
June	18,882	3,319	3,619	14,159	2,473	2,717	6,062	5,210	1,232	105.6	97.63	217,270	1.51	3 1/4	
July	18,617	3,173	3,600	14,084	2,462	3,029	6,203	5,107	1,244	109.2	98.19	162,769	1.58	3 1/4	
August	17,106	3,177	3,749	13,809	2,470	1,950	6,191	5,187	1,249	113.0	98.81	216,510	1.64	3 1/4	
September	17,392	3,242	3,949	13,929	3,473	1,840	6,258	5,233	1,251	114.1	99.27	178,989	1.67	3 1/4	

¹Net exports indicated by (-).

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

Foreign Trade

A MORE-THAN-SEASONAL increase in the value of exports and a contraseasonal increase in value of imports in September brought our trade to the highest level reached in any September since 1930. Compared with September of last year, exports of United States merchandise were 11 percent larger in both value and quantity, while imports for consumption were 29 percent larger in value and about 22 percent larger in quantity.

Exports of agricultural products in general followed the usual seasonal pattern and increased over August, although exports of a few such products were not so large as in September of last year. Approximately two-thirds of the gain in exports compared with September 1935 was due to an increase in exports of unmanufactured cotton and of machinery. Exports of unmanufactured cotton increased from 267,163,000 pounds valued at \$31,817,000 in September 1935 to 306,090,000 pounds valued at \$38,221,000 in September of this year. In addition to an increase in exports of electrical machinery, office appliances, and printing and bookbinding machinery, there were increases in exports of industrial machinery from \$9,228,000 to \$12,298,000, and in agricultural machinery, including implements, from \$2,713,000 to \$3,806,000.

Import gains over September 1935 were distributed over a wide range of commodities, with approximately half the increase accounted for by the larger value of

imports of crude rubber, sugar, paper and paper materials, unmanufactured tobacco, and grains. Crude rubber imports increased from 79,984,000 pounds valued at \$8,929,000 to 112,074,000 pounds valued at \$17,337,000; sugar imports increased from 262,315,000 pounds valued at \$6,731,000 to 486,091,000 pounds valued at \$14,394,000.

Among imports to show a decline, on the same comparative basis, were tallow, vegetable oils, coffee, petroleum products, copper, tin, and coal-tar products.

The continued upward movement of foreign trade in September brought exports in the first 9 months of 1936 to a higher value than in any corresponding period since 1931, and imports to a higher value than in any corresponding period since 1930. Compared with the first 9 months of 1935 there have been particularly large gains in exports of nonmetallic minerals, metals and manufactures, and machinery and vehicles.

During these 9 months there have been substantial increases in imports of raw materials to meet the expanding needs of our domestic industries. Noteworthy increases have occurred in imports of undressed furs, hides and skins, ferro-alloys, tin, nickel, unmanufactured wool, and paper base stocks. Increases in imports of precious and imitation stones, art works, linen manufactures, and liquors are also the result, at least in part, of the improvement in our domestic economic situation.

EXPORTS AND IMPORTS

Year and month	Indexes		Exports of United States merchandise							Imports ¹						
	Value of total exports, adjusted ¹	Value of total imports, adjusted ¹	Exports, including re-exports	Total	Crude materials		Foodstuffs, total	Semi-manufactures	Finished manufactures			Total	Crude materials	Foodstuffs	Semi-manufactures	Finished manufactures
					Total	Raw cotton			Total	Machinery	Automobiles, parts and accessories					
Millions of dollars																
Monthly average, 1929-25=100																
1929: September	110	115	437.2	431.8	112.3	76.4	70.9	57.7	190.9	48.7	33.6	351.3	122.1	73.0	70.6	85.6
1930: September	78	74	312.2	307.9	94.3	62.8	46.0	37.1	130.6	33.5	16.5	226.4	75.4	48.2	31.0	61.8
1931: September	45	55	180.2	177.4	44.4	23.5	28.4	21.4	83.2	21.6	8.7	176.4	52.9	35.1	50.3	52.0
1932: September	33	32	132.0	129.5	47.4	32.1	20.4	15.9	45.9	9.1	4.9	98.4	27.3	21.3	14.6	25.3
1933: September	40	48	160.1	157.5	63.6	45.3	18.7	21.3	53.9	11.7	8.3	146.6	48.3	31.2	33.5	33.6
1934: September	48	43	191.3	188.9	66.1	32.2	20.1	29.7	73.0	18.8	14.0	149.9	38.6	57.5	24.2	29.5
1935:																
September	50	53	198.2	195.5	68.7	31.8	22.4	29.3	75.2	20.5	13.3	168.7	49.8	44.4	38.4	36.0
October	48	58	221.2	218.1	82.6	45.9	23.7	30.3	81.5	23.5	14.1	189.7	55.4	51.7	38.6	44.0
November	62	52	269.3	266.7	112.7	75.1	26.8	34.2	93.0	25.5	21.9	162.8	46.0	43.9	36.3	36.6
December	56	58	223.5	221.0	82.7	56.8	19.7	31.7	86.9	22.5	19.7	179.6	55.7	44.8	42.8	36.3
1936:																
January	51	57	198.0	195.1	59.8	35.7	15.9	28.6	90.8	25.5	22.1	186.4	58.4	55.3	39.7	33.0
February	53	60	181.5	179.2	50.1	28.6	14.8	28.3	86.1	21.6	22.1	189.6	58.6	60.3	40.1	30.6
March	51	55	194.8	192.1	44.5	26.3	16.8	32.1	98.7	27.9	24.0	194.3	57.7	63.6	36.1	36.8
April	53	58	192.6	189.4	40.4	28.8	14.2	33.8	101.0	30.7	23.0	199.8	62.1	65.7	37.6	34.4
May	56	58	200.7	196.9	42.6	22.9	15.9	35.1	103.2	23.6	22.5	188.4	55.1	55.8	38.5	39.1
June	55	62	184.9	180.6	39.3	19.7	14.5	34.1	92.7	26.0	19.1	193.6	54.9	59.0	43.1	37.0
July	54	65	179.8	176.4	30.4	10.8	15.0	33.3	97.7	29.3	16.9	196.5	56.0	59.3	42.7	38.6
August	51	62	178.3	175.6	38.1	12.4	19.7	32.3	85.5	25.2	12.4	200.1	61.7	56.3	40.8	41.4
September	55	79	229.1	217.5	72.8	38.2	23.3	31.9	89.5	27.3	12.5	218.4	69.4	64.2	49.8	43.9
Cumulative, January through September:																
1934	346	343	1,561.0	1,536.0	443.6	255.1	171.0	252.3	669.2	160.0	154.4	1,222.4	356.5	375.5	232.7	257.7
1935	346	352	1,568.9	1,536.9	404.9	213.3	145.8	258.5	732.6	194.0	171.8	1,507.9	425.8	501.8	291.7	288.6
1936	351	361	1,702.8	1,702.8	418.0	215.4	159.2	289.5	845.1	246.1	174.6	1,757.6	533.7	539.4	359.3	334.7

¹ Adjusted for seasonal variations.² General imports through December 1933; imports for consumption thereafter.³ Monthly average of unadjusted indexes.

Transportation

THE freight-car loadings record this year as compared with earlier years of the recovery has been unusual in two respects—the sharpness of the gain from 1935 and its inclusive character. Total loadings have been increasing annually since 1932, but 1936 is the first year that the increase has extended to every class of freight distinguished in the weekly reports. Hitherto the annual gains have been confined largely to loadings of coal and coke, ore, forest products, and miscellaneous products, all of which were at their smallest post-war volume in 1932 and, on an annual basis, have expanded continuously since then. This year, however, according to reports of the Association of American Railroads through October 17, increases have been recorded also in loadings of grain, livestock, and less than carlot merchandise, all of which reached their post-war low volume in 1935. Since July grain loadings have been running markedly lower than in the corresponding period last year, but all other classes of loadings continue in excess of the comparable 1935 record.

For total loadings, the increase for the year to date (through Oct. 17) exceeds 3,000,000 cars. This gain, made in less than 10 months, is but slightly less than the aggregate increase in the three full years 1933, 1934, and 1935 combined. It is plain that the physical distribution of goods has been very greatly accelerated. On a relative basis, the aggregate for the year to date is about one-fourth larger than in the corresponding period of 1932, the poorest year on the record, and

about one-third less than in 1926 and 1929, the best years recorded. Part of the loss from these earlier good years is, of course, traceable to diversion of freight from the railroads to trucks.

Traffic in the remaining weeks of 1936 is expected to exceed the comparable totals of a year ago by a substantial margin. The Regional Advisory Shipping Board estimated that car requirements for that period will exceed those of the corresponding quarter of 1935 by about 10 percent. The third quarter estimate made by this organization in July proved very conservative, the actual gain over the third quarter of 1935 being 20 percent, compared with their 11 percent estimate. For the current quarter, gains are anticipated for all but 7 of the 29 commodities listed. Loadings of ore and concentrates are expected to show the largest increase (41 percent), and fresh fruits other than citrus fruits, the largest decline (13 percent).

The third quarter was a period of profitable operations for the railroads, and the traffic outlook for the current quarter apparently assures substantial earnings for this period. Operating results for the third quarter have caused an upward revision of the estimates of 1936 earnings, and this has been one of the factors contributing to the rise in railroad stock prices during October. From the 1935 low the average price of the 20 stocks included in the Dow-Jones railroad group has more than doubled, and in October reached the best level since 1931.

RAIL AND WATER TRAFFIC

Year and month	Freight-car loadings										Freight-car surplus	Pull-man pas-sengers carried	Financial statistics, class I railways		Canal traffic		
	F. R. index		Total	Coal and coke	Forest products	Grain and products	Livestock	Merchandise l. c. l.	Ore	Miscellaneous			Operating revenues	Net railway operating income	Sault Ste. Marie	New York State	Panama ¹
	Unad-justed ²	Ad-justed ²															
	Monthly average, 1923-25=100												Thous- ands	Thousands of dollars	Thousands of short tons	Thous- and of long tons	
1929: September.....	121	106	1,135.6	199.8	63.0	49.9	30.9	262.2	68.6	461.1	119	3,031	560,701	132,291	13,356	389	1,194
1930: September.....	99	87	960.1	167.0	41.5	45.4	28.3	241.4	47.3	386.2	394	2,517	462,209	102,852	10,347	458	1,040
1931: September.....	78	69	731.5	131.4	25.5	37.1	25.4	210.3	28.4	273.5	564	1,969	346,340	54,495	7,126	587	884
1932: September.....	61	54	576.5	113.4	17.8	36.8	21.3	171.2	6.1	209.9	599	1,339	269,533	48,947	3,807	478	638
1933: September.....	68	60	641.8	129.6	24.9	31.0	20.7	168.0	38.3	229.3	380	1,392	292,159	60,009	8,453	517	961
1934: September.....	67	59	625.5	121.3	22.1	33.8	33.4	158.5	23.7	232.6	318	1,354	275,540	41,713	6,145	465	1,045
1935:																	
September.....	70	62	657.1	117.6	30.9	40.5	17.4	158.8	34.9	256.9	229	1,364	306,946	57,349	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	500,459	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	308,404	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	170	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	78	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
September.....	82	72	765.3	142.4	34.7	31.8	18.2	165.8	56.4	315.9	125	1,409	357,207	70,166	11,041	-----	1,954
Monthly average, January through September:																	
1934.....	62	-----	599.0	122.9	22.6	32.9	20.2	150.8	17.5	223.0	361	1,260	273,797	38,287	5,719	\$ 479	957
1935.....	62	-----	592.6	120.3	26.1	29.9	12.6	155.0	20.6	228.2	291	1,131	279,086	35,689	6,052	\$ 492	842
1936.....	79	-----	671.2	134.6	31.6	35.4	13.2	157.1	31.0	268.3	173	1,421	325,607	48,321	8,546	\$ 551	957

¹ Daily average basis.² Adjusted for seasonal variations.³ American vessels, both directions.⁴ Average weekly basis.⁵ Average, April—August.⁶ 8 months' average.

Automobiles and Rubber

DEVELOPMENTS in the automobile industry during the past month have centered around the inauguration of the production of 1937 passenger-car models. By the middle of October most of the major producers had their assembly lines in operation and the production totals were moving rapidly upward. The acceleration of production was retarded to some extent by the fact that one of the three leading manufacturers did not resume the assembly of cars until the latter part of the month. The delay experienced by some companies in getting new model assemblies under way has made it difficult for the usual sources to estimate the probable domestic output for the month, but it may not exceed last October's 272,000 units.

Final figures on September factory sales show a total for the United States of 135,130, or 47,590 more than were produced in September 1935, the low month of the preceding year. The drop from the August figure of 271,291 units caused a moderate reduction in the seasonally adjusted production index. Of the total of 4,407,926 motor vehicles sold by factories in the model year ended in September, 3,611,146 were passenger cars and 796,780 were commercial vehicles, trucks, and road tractors. Sales increases were principally in the domestic market; sales in foreign markets, as indicated by reports to the Bureau of the Census, increased only slightly during the first 3 quarters of the present calendar year in comparison with the

corresponding period of 1935, and the gain was confined entirely to commercial vehicles. This export demand has been one of the factors contributing to the record output and sales of such types this year.

Retail deliveries of cars may not turn upward in October, since a large proportion of the current month's output will be required to stock dealer organizations. Formal introductions of most of the leading makes of passenger cars are scheduled just prior to the National Automobile Show in New York which opens on November 11. Announcements made to date concerning the new models reveal that price changes will not be a major sales stimulus in the initial drive for business, although price reductions have been announced on a number of makes in the medium-price group.

Manufacturing activity in the rubber industry was maintained at a high rate during September. Crude-rubber consumption by manufacturers was higher than in August, on a daily average basis, and was one-fourth above the September 1935 rate. Tire shipments for September followed the downward movement of automobile production but no doubt continued substantially in excess of the comparable 1935 total. For the first 8 months of the year total shipments by manufacturers are estimated by the Rubber Manufacturers Association to have been 9.6 percent above the total for the first 8 months of 1935.

AUTOMOBILE AND RUBBER STATISTICS

Year and month	Automobile production					Automobile exports		Registrations		New passenger-car sales		Pneumatic tires ²		Crude rubber		
	United States			Canada	Passenger	Trucks	New passenger cars	New commercial cars	Unadjusted	Adjusted	Production	Domestic shipments	Domestic consumption, total	Imports	World stocks, end of month	
	F.R. index, adjusted ¹	Total	Passenger cars ³	Trucks												Total
	Monthly av., 1923-25=100	Thousands			Number				Monthly average, 1929-31=100		Thousands		Long tons			
1929: September..	122	416	364	51,576	13,517	20,934	12,985	304,359	46,532	133.8	141.5	3,568	4,330	31,236	34,814	307,152
1930: September..	62	221	176	44,223	4,957	8,130	5,285	175,286	33,911	78.7	82.0	2,692	3,360	23,265	35,783	467,273
1931: September..	40	141	109	31,338	2,646	4,577	4,171	124,903	25,967	47.2	49.0	2,538	3,034	21,747	38,993	561,838
1932: September..	24	84	65	19,402	2,342	3,053	2,601	81,893	15,180	30.5	31.0	2,031	2,410	20,692	29,280	599,986
1933: September..	55	192	157	34,424	5,808	6,350	4,614	157,834	31,269	51.2	52.0	3,199	2,714	31,047	46,256	623,683
1934: September..	51	170	125	44,967	5,579	10,236	7,530	146,931	37,225	51.9	53.0	2,848	2,993	27,317	32,010	694,361
1935:																
September...	91	88	56	31,443	5,188	5,622	7,081	157,098	41,390	50.1	79.0	3,067	2,821	34,000	35,707	661,509
October.....	96	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....	105	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....	107	405	343	61,506	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.....	108	364	298	65,730	13,302	15,867	9,787	215,782	43,760	69.3	102.0	3,709	3,079	43,655	33,921	600,479
February....	93	288	225	62,790	13,268	16,048	9,913	176,668	40,301	65.5	99.5	2,898	2,545	33,071	34,339	599,355
March.....	107	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.....	122	503	417	85,642	24,951	17,723	8,330	397,190	57,000	142.3	93.5	3,932	3,917	46,707	45,330	568,583
May.....	117	461	386	75,058	20,006	17,727	10,848	392,750	62,183	138.6	93.5	4,027	4,659	45,434	37,050	533,411
June.....	118	453	376	77,061	16,400	14,987	9,055	369,123	56,099	139.3	109.5	4,544	4,626	47,372	38,273	511,931
July.....	124	441	372	68,597	10,475	12,714	9,811	357,490	63,695	117.3	104.5	4,427	4,599	45,721	26,450	510,872
August.....	111	271	210	61,537	4,660	8,323	7,405	262,912	59,232	92.9	92.0	4,062	3,978	45,257	41,788	492,439
September..	107	135	91	44,533	4,655	4,564	6,375	208,896	54,611	70.9	83.0	-----	-----	45,403	50,633	455,500
Monthly average, January through Sept.:																
1934.....	80	265	215	50,020	12,076	12,181	7,889	173,854	34,474	64.0	-----	44,109	44,047	35,533	42,000	673,082
1935.....	97	319	262	57,367	15,258	14,090	8,184	237,562	44,117	84.9	-----	43,979	44,049	37,323	40,519	678,941
1936.....	110	371	302	68,711	13,971	14,097	9,058	298,043	54,288	106.0	-----	43,818	43,809	43,450	38,062	540,796

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 8 months' average.

Iron and Steel

STEEL ingot production was slightly lower in September than in August, but otherwise was the largest for any month thus far this year and also for any September back to 1929. The decline was confined to production of Bessemer steel, output of the more widely used open-hearth steel increasing somewhat. Being contra-seasonal in character, it caused a decrease in the seasonally adjusted index of iron and steel production, even though pig-iron output, which has been accelerated this year by the relative scarcity of steel scrap, increased in September. For October scheduled weekly production of steel ingots, as reported by the American Iron and Steel Institute, indicates a total output for the month appreciably larger than in either August or September.

That output of finished steel probably did not decline in September is suggested by the fact that shipments of the United States Steel Corporation were larger than in August; they were reported in the press to be running higher in early October than a month previous. Total third quarter shipments of the corporation, however, aggregated slightly less than second quarter shipments, whereas for national ingot production the reverse was true. Short-term lags of finished-steel shipments, however, behind steel ingot production have been frequently observed.

Data on relative output of light and heavy steels in the third quarter are not available, but the demands

for heavy steels continued to exercise a major influence on the movement of ingot production. The automobile industry has been the major source of increased volume, however, during September and October. It has previously been indicated that in consequence of larger buying by railroads, utilities, and the construction industry, the proportion of output going into heavy steels has been greater this year than last—amounting to about 57½ percent as against 53 percent a year ago, according to the American Iron and Steel Institute figures for the first half.

The Bureau of Labor Statistics reports on employment in the industry do not separate steel works and rolling mills from blast furnaces. For the three combined, however, the number employed increased between mid-August and mid-September—as they had each month since last February—the September level being the highest since the middle of 1930. Pay rolls, affected presumably by the Labor Day holiday, declined in September.

The firmer price tendencies in evidence since the mid-year continued in general into September, though slackening of prices for wire products caused a small decline in the finished steel composite. These products, together with various other semifinished and finished steels, were advanced in price on October 1.

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, shipments	Prices				
	Production, adjusted ¹	Employment, adjusted	Pay rolls, unadjusted	Exports	Imports	Production	Furnaces in blast	Production	Percent of capacity	New orders	Shipments		Long tons	Iron and steel, composite ³	Steel billets, Bessemer (Pittsburgh)	Steel scrap (Chicago)	Finished steel, composite
1929: September.....	136	104.7	111.3	221	61	3,498	295	4,528	92	275	301	567,289	36.20	35.00	15.13	2.54	
1930: September.....	83	82.7	76.3	131	40	2,277	123	2,870	55	214	187	486,928	32.75	31.00	12.50	2.21	
1931: September.....	45	65.2	45.5	70	31	1,169	73	1,745	28	121	123	436,741	30.61	29.00	8.20	2.20	
1932: September.....	28	49.4	24.8	53	29	593	47	692	18	79	75	316,019	28.93	26.00	6.25	2.16	
1933: September.....	65	70.9	47.5	169	56	1,522	89	2,783	40	145	164	573,161	30.35	26.00	9.84	2.29	
1934: September.....	38	63.4	41.1	301	21	898	62	1,290	23	77	75	370,366	32.15	27.00	8.50	2.44	
1935:																	
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	50	1,578	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	65.8	239	54	2,106	126	3,075	56	203	195	661,515	33.31	29.00	13.35	2.43	
1936:																	
January.....	86	77.6	64.4	242	50	2,028	117	3,016	54	175	207	721,414	33.34	29.00	13.38	2.43	
February.....	82	75.9	65.2	214	43	1,824	120	2,964	51	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	232	219	783,552	33.21	28.20	14.75	2.37	
April.....	100	77.9	73.9	302	49	2,494	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	216	984,097	32.92	28.00	12.88	2.36	
June.....	113	82.2	78.5	295	60	2,383	113	3,985	75	261	291	886,065	32.79	28.00	12.85	2.36	
July.....	119	85.1	75.8	267	48	2,594	146	3,923	69	193	213	970,851	33.49	30.00	13.38	2.43	
August.....	121	86.2	80.7	295	61	2,712	148	4,195	74	208	197	923,702	33.88	30.00	15.10	2.43	
September.....	119	87.1	81.1	226	69	3,759	155	4,164	73	336	304	951,963	34.15	30.00	16.15	2.41	
Monthly average, January through September:																	
1934.....	62	69.8	50.3	223	27	1,412	87	2,282	40	136	190	533,018	32.13	27.13	10.37	2.41	
1935.....	74	71.7	57.6	295	33	1,651	96	2,672	47	195	189	593,469	32.50	27.00	10.96	2.44	
1936.....	103	80.9	74.0	273	54	2,396	139	3,734	66	207	208	874,190	33.37	28.96	14.12	2.40	

¹ Adjusted for seasonal variations² Black, blue, galvanized, and full finished.³ See table on p. 19 of the January 1935 issue

Textile Industries

PRODUCTION of cotton, wool, and silk textiles combined was higher in September for the fourth consecutive month. The gain over August was of about the usual seasonal proportion, the adjusted production index of the Federal Reserve remaining unchanged at 120 (1923-25=100).

According to a statement by the president of the Cotton Textile Institute, the cotton textile industry at the present time is in a very strong position. Despite the current high level of production, it was asserted that "the ratio of unfilled orders to stocks of goods, to production and to shipments, is the best since figures were first compiled in 1927 . . ." Profit ratios in the industry also were stated to be much improved.

The rapid rise in production of cotton textiles in recent months has been accompanied by increasing prices for cotton goods, and the spread between the average cost per pound of clean cotton and the average selling price of a representative group of print cloths has become wider, according to a regular compilation of the Textile World. By the last week in September the spread was 18.9 cents, and for the full month it averaged the highest since September 1934.

Cotton consumption in September was far ahead of that of any other month in recent years, with the exception of June 1933, when there was a tendency for buyers to anticipate their requirements. On a daily

average basis it was about 10 percent higher than in August, a gain of slightly more than the usual seasonal proportions. After allowance for seasonal changes, cotton consumption has advanced each month since February, with the exception of a small decline in May.

Activity in the woolen industry during September was about the same as in August. Spinning spindles and looms, with the exception of carpet and rug looms, were operated at a slower pace. Wool consumption increased slightly, although a substantial gain is usual for this period.

Silk deliveries also continued to expand in September and were the largest of the year by a considerable margin. On a seasonally adjusted basis, deliveries were well above the average monthly rate in 1935, 1934, and 1933. However, for the first 9 months of 1936, taken together, they averaged lower than in the corresponding period of any year since 1924.

Deliveries of nonacetate rayon from the mills decreased in September from the record high set in August, according to *Rayon Organon*. This does not necessarily reflect a decline in production; the larger August deliveries were possible only because producers drew heavily on stocks. With the industry producing at near capacity and stocks down practically to the zero point, the industry is currently disposing of yarns as fast as they are produced.

TEXTILE STATISTICS

Year and month	Production index, adjusted ¹	Cotton, raw		Cotton manufactures			Wool	Wool manufactures				Whole-sale price, woolen and worsted goods	Silk		Rayon		Wo- s- tery	
		Mill consumption	Spindle activity, total	Cotton cloth, finishing		Whole-sale price, cotton goods	Consumption ²	Spinning spindles		Looms			Deliveries to mills	Whole-sale price, raw, Japanese, 13-15 (New York)	Deliveries from mills		Production	
				Plain bleached	Print goods			Wool-en	Worsted	Narrow	Broad				Un-adjusted	Ad-justed ³		
																		Running bales
1929: September	116	545,834	7,873			98.4	49,755	77	70	63	64	86.7	53,274	5,122	337	286		
1930: September	88	393,390	5,662			78.6	38,083	55	60	41	46	75.9	55,649	2,443	304	249		
1931: September	100	464,335	6,539			61.5	47,548	63	70	44	63	65.7	53,819	2,315	335	292		
1932: September	104	492,742	6,875			57.9	46,055	70	74	36	65	56.7	59,694	1,805	478	355		
1933: September	99	499,482	7,053			91.3	50,467	82	69	48	73	82.7	81,185	1,889	433	313		
1934: September	63	294,636	3,716	111,581	90,772	87.8	23,467	43	20	17	27	78.0	32,599	1,137	308	221	6,295	
1935:																		
September	106	450,647	6,182	93,013	86,948	83.2	80,293	97	67	33	78	76.9	45,156	1,868	583	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	41	89	80.7	37,012	2,092	464	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	1,955	473	557	8,918	
1936:																		
January	105	500,484	7,709	97,435	100,528	80.4	73,908	95	82	48	90	81.4	38,995	1,950	477	487	10,019	
February	102	515,977	6,735	92,807	91,860	78.1	64,193	96	68	14	90	82.8	32,053	1,784	517	454	9,282	
March	100	556,641	7,254	107,893	95,274	77.1	53,460	85	59	38	80	83.8	36,000	1,733	425	399	9,832	
April	100	576,762	7,313	104,837	91,074	76.2	55,387	82	60	36	76	82.2	34,564	1,682	433	416	10,201	
May	100	530,894	6,806	105,062	89,518	75.5	46,593	87	57	34	76	82.2	32,087	1,600	428	446	9,276	
June	107	555,449	7,320	104,630	90,328	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	26,658	1,714	614	868	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	
September	120	629,727	8,088	107,706	89,514	80.0	69,763	88	65	41	66	80.9	45,709	1,698	537	587		
Monthly average, January through September:																		
1934	83	444,298	6,196	126,562	100,947	87.1	29,996	67	36	31	54	81.6	37,123	1,303	331		8,753	
1935	102	453,972	6,097	119,260	95,831	82.7	67,758	88	68	29	79	74.7	41,823	1,492	436		8,895	
1936	108	570,142	7,416	102,993	91,948	77.9	69,112	96	62	40	77	82.1	36,613	1,728	497		9,778	

¹ Adjusted for seasonal variations.

² Grease equivalent; see note on p. 5

³ 8 months' average.

Plastics—Products of Ever-Widening Utility

By T. W. Delahanty, Assistant Chief, Chemical Division

THE past quarter of a century, and more particularly the last decade, has witnessed a phenomenal growth in the manufacture of organic plastics in the United States, until today the many and varied uses of such products assures a permanent and important place in our economy for this relatively new industry.

The increasing application of plastics in industry and their utilization in every-day life explains their advance to a position of importance, not only in our domestic industry, but in world commerce. By way of illustrating the wide variety of uses of these products, we may consider in detail two groups—synthetic resins and cellulose plastics. The importance of the synthetic resin plastics is becoming more and more apparent through their use in such commonplace articles as bottle caps, radio parts, timing gears, and furniture, as well as their employment in the automobile, electrical, and marine industries, and in the manufacture of printing inks, varnishes, and lacquers. In the cellulose group, nitrocellulose or pyroxylin plastics, under trade names such as celluloid, pyralin, viscoloid, fiberloid, xylonite, and the like, are well known to the public through their utilization in the manufacture of toilet ware, automobile curtains, fountain pens, spectacle rims, piano keys, shoe-heel covering, toys, and various other articles.

In addition, the protein plastics such as those made from casein and soybeans, constitute an important class though they are not treated in this article. A large motor-car company employs soybean casein plastics in the manufacture of distributor covers, distributor bases, light switch handles, gear shift lever balls, window-trim strips, and other accessories.

Not only are new uses being found for the older types of plastics, but new materials from new sources are being added to the ever-growing list and, since color can be incorporated with them, their appeal to beauty finds expression in articles having all the rainbow hues.

The United States plastics industry is of such a diversified nature and its products have so wide a field of application that adequate data showing production in all branches and distribution through all channels are not available; therefore, it is impossible to present a picture that will mirror all of its many ramifications. Furthermore, practically every day sees some development in the way of a new product or new application, all of which tend to change the situation. For the purpose of this article the discussion is confined mainly to the production and use of the

two principal types—synthetic resins and cellulose plastics.

Synthetic Resins

The development of uses and markets for synthetic resin products has been largely the result of American inventive genius and merchandising skill. The utilization of the pioneer type—the phenol-formaldehyde resins—was followed by the development of the coumarone and indene resins, the tar acid, alkyd and resorcinol resins, and others representing the coal-tar group, and subsequently the noncoal-tar organics, the urea, thio, vinyl, furfural, and other resins.

Production of synthetic resins which lend themselves so admirably to the manufacture of such a wide line of finished products, ranging from jewelry to building materials, passed the 100 million pound mark for the first time last year, having more than doubled since 1933. Eighteen years ago the output was about 3 million pounds per annum. (See figure 1.)

Approximately 90 percent of all synthetic resins produced in the United States are of coal-tar origin, the remainder being made of urea and other materials.

Production of synthetic coal-tar resins aggregated 89½ million pounds in 1935, according to the United States Tariff Commission, compared with 56 million pounds during the preceding year and 41½ million pounds in 1933. A total of 64,641,000 pounds, valued at \$12,191,000, was sold to other manufacturers in 1935, the remainder being consumed by the producers. During 1936 the sharply rising trend of production has continued and final figures for the current year will show a large increase over the latest total presented on the accompanying chart.

The synthetic resin industry received a great impetus from radio development, particularly in the early stages when receiving sets were being assembled by “amateurs” and almost every set was faced with a synthetic resin panel, and later when radio manufacturers began utilizing such materials for the manufacture of cabinets.

The radio industry, however, has been only one of the many that contributed to the growth of synthetic resin production; in fact, 53 percent of the coal-tar resin production was consumed in 1935 in the manufacture of paint, varnish, and lacquers. However, it may be said that almost every branch of manufacturing has made extensive use of the material. Increased demand for synthetic resins, chiefly of coal-tar origin, is primarily responsible for the increased consumption of both phenol and cresylic acids in recent years. This is true also of refined naphthalene, phthalic anhydride,

glycerine, and formaldehyde. In 1935, production of phenol amounted to 43,418,000 pounds, which was double that of 1930, and sales aggregating 34,575,000 pounds were valued at \$3,433,000.

Cellulose Plastics

Cellulose plastics are derived from cotton linters or purified wood pulp initially treated with acids and subsequently with solvents, from which results a viscous liquid or a plastic mass which may be moulded into sheets, blocks, rods, or tubes for ultimate conversion into familiar articles and uses.

One of the outstanding, yet probably not so well known nitrocellulose outlets, is the lacquer industry. Since 1923 the development of this industry has had a spectacular influence on the finishing operations for automobiles, furniture, etc., and spray finishing generally. Imitation leather, which is usually a pyroxylin coated fabric, affords another major outlet.

Cellulose acetate plastics have only recently begun to assume commercial importance, although considerable development work has been done in this field during the last 30 years. The increase in the use of cellulose acetate sheeting, as the plastic filler sandwiched between two glass plates to form safety glass, has been spectacular. Since 1932, before which its use for this purpose was negligible, acetate has almost en-

tirely displaced pyroxylin for this purpose. Cellulose acetate films include not only the slow-burning safety-film used for home movies, X-rays, etc., but also a transparent wrapping material which provides a close, even, and uniform fit in packaging.

United States production of cellulose plastic products in recent years, according to data compiled by the United States Department of Commerce, Bureau of the Census, from figures supplied by manufacturers representing the entire industry is shown in the following table:

Production of Nitrocellulose and Cellulose Acetate (Aceto-Cellulose), 1933-36

Year	Nitrocellulose			Cellulose acetate sheets, rods, and tubes
	Sheets	Rods	Tubes	
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1933.....	9,508,222	1,901,812	506,039	2,482,111
1934.....	9,771,711	1,770,606	817,517	4,826,347
1935.....	12,528,042	2,739,259	938,112	10,504,003
First 8 months:				
1935.....	7,767,158	1,836,825	622,509	6,110,272
1936.....	8,217,270	1,600,139	532,225	7,677,875

In considering the table, attention is directed to the fact that the figures refer exclusively to the raw material phase of sheets, rods, and tubes. It is likewise well to bear in mind that cellulose plastic solutions (primarily for lacquers), smokeless powder, and rayon are likewise

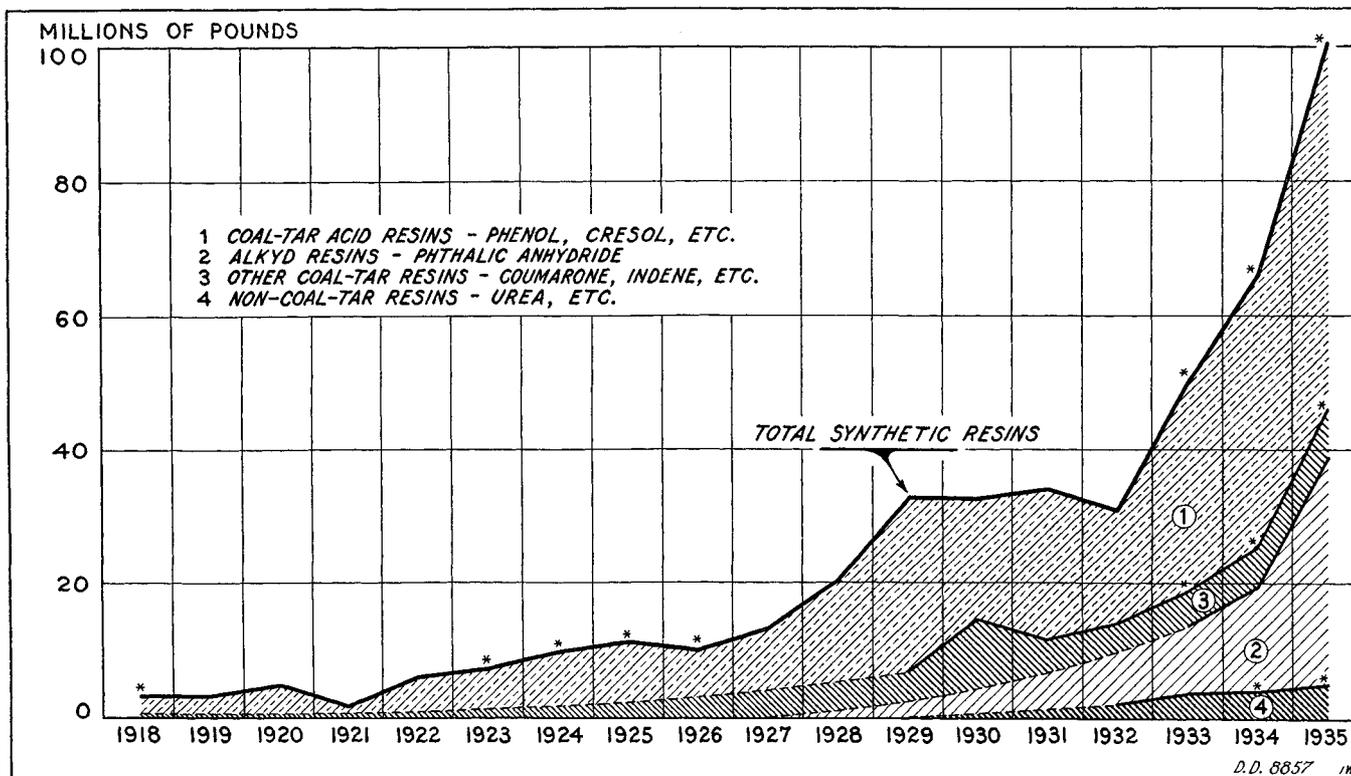


Figure 1.—Synthetic Resin Production

NOTE.—For years marked with an asterisk (*), the figures are either partly, or entirely, estimated. For the period 1933 through 1926, only two companies were operating and hence the figures could not be published without revealing the operations of the individual concerns. In other years, estimates are as follows: 1933, coumarone and indene resins and resins derived from maleic acid; 1934, coumarone, indene and sulfonamid resins, and all noncoal-tar resins except urea resin; 1935, coumarone and indene resins, and all noncoal-tar resins except urea resin. The dotted lines indicate the probable growth for the various items, starting in the years specified.

cellulose plastics, but are not treated in this article. Reference is made to them, however, to facilitate visualization of the magnitude of the cellulose plastics industry as a whole, which in the aggregate has so materially increased the demand for processing chemicals. For example, the production of requisite organic acids, solvents, stabilizers, and miscellaneous organic chemicals has grown many fold over the past decade, due in part to wider use and acceptance of cellulose plastics.

The table gives an indication only of the trend in the past 4 years. Data are available, however, from the

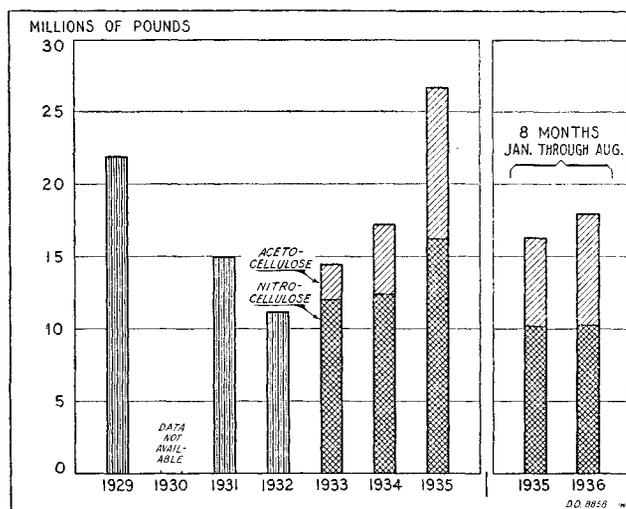


Figure 2.—Cellulose Plastic Products

NOTE.—Data for 1929 and 1931 are from the Census of Manufactures. Subsequent figures are based on monthly reports to the Bureau of the Census, from the entire industry. Data showing the two major types of plastics separately are not available prior to 1933.

Bureau of the Census reports to construct a chart (see fig. 2), which shows the trend over a somewhat longer period. It will be noted that production in 1935 exceeded by a considerable margin the 1929 output, while, for the first 8 months of 1936, there was an increase of 14 percent over the comparable period of

1935. The growth of aceto-cellulose production during the past few years has been rapid, and during 1936 practically all of the increase in production has been from this source. In 1933, the first year that the output of aceto-cellulose was reported separately, this product contributed 17 percent of the total production whereas during the current year it represented 43 percent. If the present rate of increase continues, production of aceto-cellulose will approximate that of nitrocellulose before the end of 1937.

Foreign Markets

Development of the plastics industries in foreign countries has not proceeded at a pace comparable with that experienced in the United States, though considerable progress has been made in recent years, particularly in the United Kingdom, Germany, France, Italy, and other European countries, as well as in Japan.

Very little plastics material is imported into the United States, but as foreign manufacturers are beginning to appreciate the utility of such products our exports are assuming considerable importance. Preliminary statistics show that during the first 7 months of the current year the value of such exports was as follows: Pyroxylin scrap, \$93,000; pyroxylin plastic film base, \$1,481,000; pyroxylin sheets, rods, and tubes, \$266,000; cellulose acetate sheets, rods, and tubes, \$211,000; nitro- and aceto-cellulose solutions, \$438,000, and synthetic gums and resins, \$400,000. These figures, of course, do not include finished plastic articles nor exports of plastics that go to foreign countries incorporated in such products as automobiles, radio sets, and numerous other manufactured articles.

Having attained its greatest growth during depression years, the outlook for the American plastics industry appears bright. More and more manufacturers are finding that these materials can be utilized in the manufacture of their products because of both economy and sales appeal.

LIFE INSURANCE—NEW BUSINESS WRITTEN ¹

[Number]

Year	Policies and certificates				Year	Policies and certificates			
	Total poli- cifices and certificates	Ordinary policies	Industrial policies	Group cer- tificates		Total poli- cifices and certificates	Ordinary policies	Industrial policies	Group cer- tificates
1913 monthly average...	459,900	77,581	379,819	2,500	1918 monthly average...	569,004	109,512	433,226	26,266
1914 monthly average...	491,297	77,017	410,189	4,090	1919 monthly average...	681,628	176,660	465,248	39,720
1915 monthly average...	517,395	82,293	428,559	6,542	1920 monthly average...	739,071	200,642	499,938	38,491
1916 monthly average...	520,609	94,265	414,605	11,739	1921 monthly average...	720,402	160,038	550,065	10,299
1917 monthly average...	548,453	108,250	414,443	25,760	1922 monthly average...	706,569	163,122	582,102	21,345

Month	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936
-------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

TOTAL POLICIES AND CERTIFICATES

January	733,564	963,795	839,082	1,039,714	916,620	1,112,210	1,328,547	1,008,034	1,023,507	1,098,668	921,182	1,037,996	1,049,414	947,572
February	732,351	842,586	935,787	895,847	1,002,544	1,111,372	1,155,054	1,083,378	1,036,910	1,086,839	932,966	1,013,033	1,053,299	994,642
March	906,299	934,773	1,054,452	1,129,854	1,201,232	1,343,248	1,370,848	1,347,418	1,228,257	1,221,926	1,045,802	1,227,218	1,183,205	1,148,510
April	1,180,295	940,159	1,053,036	1,075,136	1,120,329	1,244,760	1,292,020	1,261,810	1,222,569	1,142,244	994,865	1,176,969	1,149,165	1,112,928
May	1,044,939	992,607	1,133,599	1,123,876	1,165,959	1,165,274	1,224,121	1,185,037	1,156,324	1,087,816	1,032,400	1,199,460	1,101,028	1,096,415
June	931,931	888,704	1,036,323	1,023,131	1,033,376	1,181,602	1,221,458	1,478,676	1,253,616	1,099,304	1,074,317	1,129,979	1,044,732	1,079,803
July	830,374	790,460	974,337	980,418	970,418	1,038,868	1,151,387	1,235,743	1,274,101	1,089,203	1,075,054	1,040,282	1,159,487	1,045,224
August	772,141	788,452	986,329	957,397	1,022,771	1,006,128	1,105,098	1,085,622	1,251,438	1,024,926	1,154,356	1,071,436	1,020,060	1,003,120
September	736,705	785,924	896,356	944,833	944,833	1,034,714	1,069,659	993,316	965,746	949,901	960,160	879,231	940,783	951,997
October	871,707	1,082,673	1,451,731	1,077,076	1,221,564	1,225,854	1,214,538	1,140,439	1,032,812	1,057,307	1,080,470	1,102,864	1,228,065	-----
November	868,488	869,712	1,093,831	1,162,574	1,170,955	1,078,894	1,250,130	1,020,205	1,227,060	1,026,617	1,069,928	1,059,275	1,045,999	-----
December	1,049,852	1,224,807	1,235,468	1,317,434	1,155,506	1,364,173	1,294,938	1,168,062	1,548,470	987,305	1,093,542	1,258,002	1,032,703	-----
Monthly average...	888,221	926,388	1,057,568	1,060,632	1,082,179	1,158,926	1,223,979	1,174,795	1,185,926	1,072,671	1,036,253	1,099,606	1,083,995	-----

ORDINARY POLICIES

January	168,834	183,579	173,195	181,674	185,363	184,025	218,643	252,368	229,509	246,544	225,638	242,845	280,757	215,226
February	166,435	182,812	180,903	189,654	202,971	210,827	236,551	265,411	245,257	250,344	237,936	245,931	249,279	201,506
March	213,111	219,615	217,944	240,938	245,869	257,505	289,804	327,827	319,105	269,543	257,738	302,972	267,830	226,602
April	196,757	210,081	212,408	227,079	237,433	227,259	280,815	306,797	298,200	246,840	234,143	289,801	263,476	215,645
May	208,419	211,968	228,100	224,431	232,811	276,982	290,204	291,363	285,915	231,380	256,160	297,179	259,402	228,654
June	206,628	201,021	216,059	236,284	235,368	289,395	274,355	363,125	282,856	243,465	257,156	274,053	247,403	237,793
July	190,618	186,042	212,044	211,287	208,653	246,190	269,354	266,254	257,954	226,065	240,209	248,252	236,193	223,389
August	182,047	163,935	200,240	197,312	210,922	241,152	260,955	241,667	230,693	234,432	255,189	253,807	232,800	202,353
September	163,379	157,180	185,076	183,049	185,711	211,355	242,277	225,755	221,234	227,841	224,453	209,450	204,346	197,691
October	190,852	181,073	214,439	210,404	205,627	260,659	285,993	258,323	253,663	246,940	245,168	256,854	267,353	-----
November	193,188	202,814	216,146	221,887	202,180	254,510	278,201	251,182	256,690	256,566	267,993	254,412	246,133	-----
December	213,113	212,313	235,300	264,580	247,844	284,875	305,859	315,103	347,728	296,366	273,222	281,685	275,763	-----
Monthly average...	191,115	192,703	207,655	215,715	216,729	245,395	270,164	272,098	269,067	248,027	247,917	263,104	252,560	-----

INDUSTRIAL POLICIES

January	547,155	766,821	618,425	817,246	979,290	901,786	1,051,983	802,585	749,849	803,546	686,366	766,297	744,527	702,759
February	550,971	649,135	732,120	653,943	767,121	846,745	891,644	783,235	731,421	815,947	680,937	751,965	789,849	769,320
March	669,471	693,674	809,517	844,659	890,560	1,049,953	1,045,058	973,678	881,059	931,355	775,871	894,119	891,593	889,638
April	950,443	705,346	805,384	787,198	851,905	980,796	964,177	893,017	865,139	859,751	746,682	840,919	853,832	867,723
May	796,538	700,648	882,325	859,630	902,343	839,453	888,462	847,842	845,264	833,423	762,148	867,879	803,500	820,794
June	693,473	674,481	788,352	743,137	816,966	840,312	880,770	1,162,942	925,851	829,656	792,382	805,109	769,052	805,030
July	608,854	595,545	734,531	716,607	732,665	753,773	809,110	895,318	993,819	845,294	801,977	766,005	756,182	767,175
August	566,992	609,703	717,402	719,203	781,361	740,371	795,451	804,504	994,528	773,803	881,342	792,675	763,721	771,404
September	556,415	614,848	691,227	714,041	745,664	770,416	803,623	721,848	722,806	680,597	702,312	653,550	710,259	724,617
October	668,393	830,831	1,199,183	822,459	992,140	946,284	879,483	846,805	761,207	781,262	812,112	821,330	934,481	-----
November	656,873	641,128	851,209	870,324	940,847	782,026	941,358	740,919	951,428	746,709	771,980	784,142	775,272	-----
December	831,525	903,065	824,881	838,577	783,539	951,002	868,763	793,704	1,156,286	647,876	773,223	922,027	692,385	-----
Monthly average...	662,259	703,769	804,380	782,247	823,700	866,910	901,824	855,616	881,560	795,768	765,615	805,501	790,913	-----

GROUP CERTIFICATES

January	17,575	16,395	47,462	40,794	51,967	26,408	57,921	43,081	44,449	48,578	9,178	28,854	24,130	29,587
February	14,945	10,639	22,764	52,250	32,452	53,800	26,859	34,732	60,232	20,548	14,043	15,137	14,171	23,816
March	23,717	21,484	26,991	44,257	64,803	35,788	35,986	45,913	28,093	21,028	12,193	30,127	23,482	32,270
April	33,095	24,732	37,244	60,919	30,991	36,705	47,028	61,996	59,230	35,653	14,038	45,773	31,857	29,560
May	39,982	19,991	23,174	39,815	30,805	48,839	45,455	45,832	35,145	23,013	14,092	34,402	38,126	46,967
June	31,830	13,202	32,202	43,710	41,042	51,805	66,353	52,009	44,909	26,183	24,779	30,820	28,277	36,980
July	30,902	17,873	27,762	53,057	29,100	38,905	72,923	74,171	22,328	17,844	32,868	26,024	167,112	54,660
August	23,102	14,814	68,887	40,882	30,488	24,605	40,622	38,851	26,217	16,691	17,825	24,954	23,539	29,363
September	16,911	13,896	20,033	47,743	13,496	52,943	21,799	45,713	21,646	41,463	33,395	16,231	20,178	29,689
October	12,462	70,769	38,109	44,213	23,797	18,911	49,062	35,311	17,942	29,105	23,190	24,680	26,251	-----
November	18,427	25,770	26,476	70,363	27,928	42,358	39,571	28,104	18,942	23,342	29,955	20,721	24,594	-----
December	155,214	109,429	175,287	214,277	124,123	128,296	120,316	59,255	44,456	43,063	47,097	54,290	64,555	-----
Monthly average...	34,847	29,916	45,533	62,690	41,749	46,621	51,991	47,081	35,299	28,876	22,721	31,001	40,523	-----

¹ See footnote on p. 18.

LIFE INSURANCE—NEW BUSINESS WRITTEN—Continued ¹

(Thousands of dollars)

Year	Amount				Year	Amount			
	Total	Ordinary	Industrial	Group		Total	Ordinary	Industrial	Group
1913 monthly average	191,242	137,597	51,909	1,736	1918 monthly average	300,946	214,292	66,099	20,555
1914 monthly average	193,742	134,736	55,217	3,790	1919 monthly average	487,012	373,647	77,901	35,465
1915 monthly average	205,517	143,462	58,128	3,927	1920 monthly average	580,014	451,492	93,044	35,478
1916 monthly average	242,462	177,256	58,645	6,560	1921 monthly average	485,982	371,912	104,813	9,257
1917 monthly average	281,856	205,510	61,484	14,861	1922 monthly average	550,724	409,455	118,233	23,036

Month	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936
TOTAL														
January	559,790	697,682	729,852	834,734	849,537	857,717	1,017,885	988,505	881,303	938,965	610,307	661,457	821,403	678,006
February	562,010	646,598	753,363	845,432	870,616	959,209	965,128	996,339	906,048	826,681	605,794	642,462	718,161	661,473
March	706,705	783,407	885,633	1,026,620	1,084,330	1,103,424	1,161,634	1,214,182	1,021,737	883,683	637,212	784,420	763,907	772,355
April	744,635	763,162	893,689	967,421	1,000,370	1,022,953	1,111,943	1,184,523	1,017,927	817,742	625,676	791,250	729,109	739,807
May	746,326	773,836	931,741	967,819	982,873	1,170,000	1,142,585	1,087,884	971,875	754,254	641,102	787,057	726,857	749,374
June	739,826	727,489	875,171	971,007	980,514	1,072,835	1,089,180	1,132,941	997,874	763,338	684,012	757,292	699,828	767,798
July	644,706	659,540	870,376	906,777	873,193	917,383	1,082,599	1,079,480	806,859	686,218	662,197	690,217	899,595	749,491
August	619,245	618,670	894,419	842,966	874,804	867,174	1,006,298	917,716	831,938	664,354	635,013	696,336	646,271	668,638
September	550,337	584,954	733,091	788,930	756,200	1,002,261	1,895,951	884,784	714,683	635,586	573,828	548,152	569,418	630,831
October	638,176	819,775	908,064	887,313	913,154	958,786	1,045,141	905,343	812,160	665,067	674,137	691,199	724,413	-----
November	659,768	678,816	899,289	963,196	904,760	915,419	1,030,310	852,973	840,615	666,669	656,462	672,362	696,074	-----
December	948,132	1,033,419	1,236,438	1,281,484	1,079,316	1,265,508	1,218,998	1,095,612	1,110,114	733,178	707,797	830,944	782,250	-----
Monthly average	676,630	734,779	884,261	940,359	930,806	1,009,397	1,063,971	1,028,355	916,929	752,978	616,956	712,762	730,616	-----
ORDINARY														
January	428,912	498,944	513,454	551,296	569,800	574,573	653,250	706,165	588,621	609,493	419,449	431,676	597,800	443,681
February	431,130	487,425	539,001	587,572	617,279	645,756	675,743	723,595	593,573	570,991	420,552	418,784	488,756	418,920
March	548,864	591,581	651,232	724,049	739,572	771,887	821,998	876,533	713,155	587,050	432,105	523,073	498,035	470,132
April	501,880	560,388	630,379	671,254	726,131	700,985	783,426	829,880	683,947	545,961	426,803	508,671	463,425	458,237
May	538,274	565,221	674,965	676,154	695,529	748,409	792,257	766,518	663,737	482,184	428,514	520,055	461,303	459,779
June	537,458	551,504	629,493	700,010	690,917	744,242	740,425	714,234	665,569	499,434	442,671	488,067	444,340	492,550
July	490,342	523,187	632,438	634,337	618,129	648,545	711,262	701,938	597,445	442,593	412,962	441,167	428,548	449,496
August	470,186	454,214	586,486	588,258	619,670	616,883	687,381	610,783	539,096	439,035	431,031	414,328	411,338	407,406
September	404,043	420,548	520,189	518,197	524,103	525,369	599,794	533,869	478,166	400,412	370,695	356,150	356,873	387,229
October	476,298	490,213	596,927	598,437	598,555	653,137	699,259	610,012	557,733	428,146	415,765	438,554	459,087	-----
November	494,089	489,475	580,243	627,057	575,063	658,902	694,898	585,182	581,676	445,524	432,136	488,762	511,685	-----
December	563,481	623,329	698,361	791,024	703,215	795,222	824,438	736,289	747,137	510,504	458,074	519,677	519,770	-----
Monthly average	489,955	521,336	604,431	638,970	639,830	673,659	723,678	699,747	617,485	494,277	423,813	460,740	465,050	-----
INDUSTRIAL														
January	112,678	179,656	147,441	227,158	185,292	236,303	265,998	218,027	214,320	217,552	168,312	197,108	196,255	193,344
February	114,758	143,762	177,666	174,782	207,217	221,948	230,778	212,813	208,888	220,568	168,400	196,816	209,017	212,055
March	137,853	156,792	193,604	230,203	241,701	273,551	274,824	264,415	246,663	251,059	187,761	228,106	235,261	246,010
April	208,105	188,557	196,895	215,504	227,279	259,961	256,279	241,129	234,941	236,898	183,462	220,366	228,189	244,356
May	162,326	173,629	217,735	235,207	241,661	216,396	240,501	230,083	236,293	222,956	190,138	226,013	215,323	230,465
June	147,444	154,495	198,113	202,315	221,780	214,882	242,166	211,925	250,658	213,298	198,046	211,473	205,951	233,333
July	132,798	135,015	182,991	194,315	200,835	194,642	223,680	347,506	253,228	206,641	205,780	203,255	203,465	220,672
August	127,090	141,525	181,048	199,076	211,157	193,365	219,144	233,745	246,908	196,340	229,545	212,380	208,509	221,692
September	124,905	145,052	175,114	197,277	200,622	198,949	221,066	210,423	199,217	174,156	180,105	170,935	190,044	208,091
October	152,061	198,461	256,704	226,523	265,974	233,530	240,488	243,779	213,931	198,053	212,452	216,439	233,988	-----
November	146,882	150,718	207,980	235,691	252,737	202,948	249,217	208,481	230,344	184,883	202,843	205,463	207,408	-----
December	153,154	225,892	223,883	228,008	211,076	246,045	234,046	228,803	261,773	154,864	194,030	239,873	187,874	-----
Monthly average	143,338	163,630	196,598	213,838	222,278	224,377	241,513	237,594	233,097	206,439	193,406	210,602	210,107	-----
GROUP														
January	18,200	19,082	68,957	56,280	94,445	46,841	98,637	64,313	78,362	111,920	22,546	32,673	27,348	40,981
February	16,122	15,411	36,696	83,088	46,120	91,505	58,607	59,931	103,587	35,122	16,842	26,862	20,388	30,498
March	24,988	35,034	40,797	72,368	103,057	57,986	64,812	73,234	61,919	45,574	17,346	33,241	30,611	56,213
April	35,050	44,217	66,415	80,663	46,960	62,007	72,238	113,514	99,069	64,883	21,711	62,213	37,495	37,214
May	45,726	34,986	39,041	56,458	45,683	205,195	109,827	91,263	71,845	49,114	22,450	40,989	50,231	59,130
June	54,924	21,490	47,565	69,282	67,817	113,711	106,589	106,782	81,647	50,606	43,295	57,812	39,537	42,095
July	21,566	31,338	54,947	78,125	54,229	74,196	147,657	130,036	46,186	36,984	42,455	46,795	267,582	79,323
August	21,969	22,931	126,885	55,632	43,977	56,926	99,773	73,188	45,944	28,979	24,437	39,628	26,524	39,540
September	21,389	19,354	37,788	73,456	31,475	277,943	75,151	138,492	37,300	61	23,028	21,087	22,501	35,601
October	9,817	131,101	54,433	62,353	48,625	72,119	105,394	51,552	40,505	38,868	25,920	36,206	31,338	-----
November	18,797	38,623	111,066	100,448	76,960	53,569	86,165	59,340	28,595	36,262	41,483	28,137	36,981	-----
December	231,497	184,198	314,194	262,452	165,025	224,331	160,514	130,520	101,205	67,810	55,693	71,394	74,606	-----
Monthly average	43,337	49,814	83,232	87,550	68,698	111,361	98,780	91,014	66,347	52,262	29,767	41,420	55,429	-----

¹ Compiled by *The Association of Life Insurance Presidents* and supersede the data shown in the 1932 Annual Supplement, pages 84 and 85; in the July 1933 Survey, pages 18 and 19; and in the monthly issues until August 1936 where data in the unrevised form were last shown. The data shown above were compiled from reports of 40 companies which had in force 83 percent of the total business outstanding in all United States legal reserve companies at the close of 1935. The figures include only new business that has been paid for and is exclusive of revivals, increases, and dividend additions.

EMPLOYMENT AND AVERAGE HOURLY WAGES—CLASS I RAILWAYS¹

Month	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936
	EMPLOYMENT (thousands of employees)															
January.....		1,537	1,763	1,734	1,712	1,713	1,707	1,597	1,578	1,544	1,318	1,094	947	970	964	991
February.....		1,530	1,767	1,737	1,709	1,716	1,704	1,591	1,589	1,527	1,301	1,079	943	980	973	1,042
March.....		1,555	1,800	1,744	1,706	1,729	1,714	1,609	1,611	1,530	1,303	1,082	921	1,003	983	1,032
April.....		1,563	1,827	1,771	1,729	1,767	1,742	1,642	1,649	1,556	1,315	1,073	927	1,021	981	1,061
May.....		1,613	1,880	1,776	1,751	1,792	1,776	1,693	1,697	1,585	1,322	1,068	940	1,048	1,001	1,080
June.....		1,670	1,918	1,754	1,765	1,817	1,804	1,719	1,719	1,548	1,302	1,034	960	1,059	1,019	1,089
July.....	1,620	1,452	1,938	1,757	1,779	1,840	1,806	1,712	1,728	1,515	1,294	1,009	993	1,053	1,023	1,097
August.....	1,665	1,578	1,957	1,773	1,784	1,836	1,779	1,714	1,743	1,498	1,273	983	1,019	1,036	1,015	1,102
September.....	1,703	1,693	1,929	1,785	1,787	1,838	1,771	1,706	1,731	1,470	1,239	997	1,035	1,027	1,013	-----
October.....	1,739	1,788	1,920	1,806	1,800	1,849	1,767	1,708	1,733	1,439	1,210	1,020	1,029	1,016	1,021	-----
November.....	1,717	1,804	1,883	1,772	1,772	1,811	1,712	1,664	1,664	1,378	1,155	1,000	1,002	982	1,001	-----
December.....	1,622	1,773	1,777	1,720	1,737	1,757	1,643	1,605	1,588	1,340	1,119	981	970	965	987	-----
Monthly average.....	2 1,678	1,630	1,863	1,761	1,753	1,789	1,744	1,663	1,670	1,494	1,263	1,035	974	1,013	999	-----
AVERAGE HOURLY WAGES (dollars per hour)																
January.....		0.611	0.594	0.603	0.614	0.625	0.636	0.647	0.653	0.666	0.670	0.679	0.616	0.612	0.647	0.682
February.....		.623	.607	.614	.628	.636	.648	.654	.674	.680	.690	.624	.631	.631	.667	.695
March.....		.605	.588	.603	.610	.616	.625	.637	.653	.659	.669	.607	.607	.609	.647	.676
April.....		.604	.591	.598	.605	.613	.623	.639	.647	.652	.665	.608	.613	.611	.676	.670
May.....		.596	.585	.595	.605	.612	.623	.628	.643	.648	.665	.605	.603	.601	.669	.670
June.....		.597	.585	.599	.601	.607	.617	.628	.645	.654	.659	.602	.603	.600	.670	.663
July.....	0.600	.569	.587	.595	.600	.606	.622	.633	.640	.652	.661	.608	.608	.620	.662	.664
August.....	.593	.566	.582	.596	.602	.608	.620	.627	.638	.654	.662	.599	.598	.613	.659	.665
September.....	.599	.583	.597	.604	.610	.618	.634	.645	.656	.665	.670	.611	.606	.630	.678	-----
October.....	.598	.583	.589	.599	.606	.616	.631	.636	.647	.659	.665	.609	.603	.616	.667	-----
November.....	.605	.593	.600	.613	.621	.625	.638	.649	.661	.680	.685	.616	.614	.632	.682	-----
December.....	.605	.598	.602	.613	.617	.630	.641	.655	.667	.671	.676	.615	.617	.636	.686	-----
Monthly average.....	2 0.600	.593	.592	.602	.610	.618	.629	.639	.651	.661	.669	.616	.609	.617	.668	-----

¹ Data are compiled by the *Interstate Commerce Commission* and represent the number of employees, exclusive of executives, officials, and staff assistants, for class I railways, including the switching and terminal companies of these railways. Data are for those on the pay roll at the middle of the month. The changes in the average hourly earnings during 1934 were due, in part, to the restoration of $\frac{1}{4}$ of the 10 percent wage cut made in 1932. The partial restoration was effective July 1, 1934. Another $\frac{1}{4}$ of the 10 percent cut was restored on January 1, 1935, and the remainder on April 1, 1935. Data for the separate classes of employees (executives, officials, and staff assistants) are not available prior to July 1921, therefore, data comparable with those in this table cannot be compiled. It must be kept in mind that the average hourly wages are affected by changes in the proportions of employees in each wage group and by changes in the wage rates.

² Average of six months, July to December, inclusive.

FACTORY EMPLOYMENT AND PAY ROLLS, WILMINGTON, DELAWARE¹

[Monthly average 1923-25=100]

Month	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	
	EMPLOYMENT														
January.....	107.8	96.2	99.1	103.9	103.6	105.8	99.3	105.8	81.1	74.4	68.1	81.3	80.1	87.0	
February.....	108.7	97.9	97.9	107.5	105.8	103.3	101.9	102.5	81.7	75.2	68.7	85.5	79.3	86.9	
March.....	113.3	99.5	100.0	108.4	105.2	101.9	102.4	103.3	82.6	72.8	65.5	87.5	79.0	86.1	
April.....	115.4	99.4	99.4	105.0	101.6	100.8	107.0	103.9	81.1	71.6	63.8	88.3	80.6	85.3	
May.....	114.9	95.8	102.7	102.1	98.2	101.1	107.3	102.3	80.8	69.4	67.0	87.8	81.0	86.8	
June.....	116.0	88.8	101.6	100.3	95.6	99.6	107.4	100.9	80.1	67.7	72.7	89.9	83.0	89.6	
July.....	114.1	90.7	95.5	99.1	98.6	99.3	112.1	96.3	78.0	66.3	80.5	88.7	81.5	93.3	
August.....	109.6	86.8	94.6	101.2	98.9	98.3	115.9	96.1	77.5	64.1	86.4	85.0	83.0	96.3	
September.....	105.3	83.1	94.3	101.7	100.9	98.8	115.0	90.5	75.3	66.9	88.5	84.6	83.8	-----	
October.....	105.3	85.0	96.1	98.1	102.3	98.3	111.8	87.5	68.8	66.7	86.8	86.2	87.1	-----	
November.....	99.1	92.0	98.2	98.4	104.6	97.7	113.0	81.1	69.4	67.1	86.4	81.6	85.1	-----	
December.....	100.0	94.6	104.2	102.3	105.8	99.6	109.5	79.8	70.7	69.2	85.1	80.2	87.0	-----	
Monthly average.....	109.1	92.1	98.6	102.3	101.8	100.4	108.5	95.8	77.3	69.3	70.6	85.5	82.5	-----	
PAY ROLLS															
January.....	101.2	99.1	103.1	109.0	104.2	107.0	104.2	114.2	81.1	64.6	51.8	65.3	66.3	78.0	
February.....	101.9	101.4	99.7	112.1	109.6	105.3	108.4	108.4	84.1	67.2	53.3	70.5	67.8	76.5	
March.....	110.3	99.9	100.9	111.9	108.5	105.2	106.8	109.0	85.9	64.9	48.3	71.2	66.5	75.6	
April.....	115.2	101.4	100.0	109.1	106.5	100.0	111.9	112.4	82.1	59.9	46.5	72.0	67.7	76.5	
May.....	118.6	95.0	104.9	103.4	102.1	105.0	115.2	109.2	84.7	56.1	52.9	71.2	67.2	79.1	
June.....	133.3	84.8	98.9	103.0	96.6	102.9	116.7	108.7	80.5	54.2	58.9	74.0	69.2	82.9	
July.....	116.4	78.7	92.3	98.0	97.6	97.5	116.1	102.8	74.1	51.4	67.7	73.7	67.9	84.8	
August.....	106.1	80.2	94.2	102.6	98.7	99.7	120.8	100.3	72.8	49.6	67.0	69.9	69.7	90.5	
September.....	105.3	79.6	89.2	101.2	102.3	102.0	122.8	95.4	68.0	53.1	69.5	69.3	71.8	-----	
October.....	108.6	82.9	98.4	101.4	104.2	102.9	121.1	91.3	61.8	53.4	69.7	72.7	74.2	-----	
November.....	104.3	84.3	101.0	102.1	106.8	102.0	121.2	81.6	60.4	51.6	67.6	66.1	74.6	-----	
December.....	104.9	97.5	106.1	107.0	112.5	108.0	117.9	80.0	62.6	54.7	68.7	65.7	78.4	-----	
Monthly average.....	110.5	90.4	99.1	105.3	104.1	103.1	115.3	101.1	74.8	56.7	60.2	70.1	70.1	-----	

¹ Compiled by the *Federal Reserve Bank of Philadelphia* from original reports collected monthly by the bank in cooperation with the *U. S. Bureau of Labor Statistics*. The reports represent the Wilmington industrial area (New Castle County) and cover 1 pay-roll period ending nearest the 15th of the month. All pay-roll figures are reduced to a weekly basis. The indexes, in a continuous series from 1923 to date, are based upon reports from approximately 56 manufacturing plants representing 28 major industries, which in 1935 employed over 9,000 wage earners and whose total pay roll amounted to about \$9,901,000. Estimated on the basis of the 1933 *Federal Census of Manufactures*, the employment index represented about 65 percent of all workers engaged in the manufacturing industries of that area, and the pay-roll index represented approximately 67 percent of total wage payments. The indexes are constructed from combined totals by the use of the fixed-base method and are not weighted. The indexes are not adjusted for seasonal variation, but they have been adjusted to the *Federal Census of Manufactures* from 1923 through 1931 and will be similarly adjusted to subsequent Censuses. The base period used for the indexes is the monthly average for the 3 years 1923-25 taken as 100.

WEEKLY BUSINESS INDICATORS*

[Weekly average, 1923-25=100]

ITEM	1936					1935		1934		ITEM	1936					1935		1934	
	Oct. 24	Oct. 17	Oct. 10	Oct. 3	Sept. 26	Oct. 26	Oct. 19	Oct. 27	Oct. 20		Oct. 24	Oct. 17	Oct. 10	Oct. 3	Sept. 26	Oct. 26	Oct. 19	Oct. 27	Oct. 20
Business activity:										Finance—Continued.									
New York Times*	101.1	102.3	102.5	102.3	102.7	90.2	89.3	77.2	77.8	Banking:									
Business Week*	75.3	76.0	76.9	77.3	76.6	67.4	67.0	57.4	57.6	Debits, outside N. Y. C.†	103.8	99.2	100.1	96.1	87.6	84.3	97.5	68.7	86.3
Commodity prices, wholesale:										Federal Reserve reporting member banks:‡									
Dept. of Labor, 1926=100:										Loans, total	70.0	69.6	69.6	70.0	69.2	63.5	63.8	66.5	66.6
Combined index (784)	81.1	81.2	81.2	81.3	81.0	80.3	80.7	76.2	76.2	Interest rates:									
Farm products (67)	84.2	84.7	84.1	84.5	83.1	78.6	79.5	70.8	70.9	Call loans	24.2	24.2	24.2	24.2	24.2	6.1	6.1	24.2	24.2
Food (122)	82.1	82.5	82.6	83.0	82.5	84.8	85.6	75.4	74.9	Time loans§	28.6	28.6	28.6	28.6	28.6	5.7	5.7	20.1	20.1
All other (595)	80.1	79.9	79.9	79.8	79.7	78.4	78.4	78.0	77.9	Money in circulation	130.2	130.3	130.1	129.5	128.6	117.4	117.6	112.3	112.9
Fisher's index, 1926=100:										Production:									
Combined index (120)	84.0	83.8	83.8	84.0	84.0	85.3	85.5	78.8	79.0	Automobiles	78.3	63.0	51.6	29.9	20.7	81.3	58.2	40.7	45.8
Copper, electrolytic	68.8	68.8	68.8	68.8	68.8	65.2	65.2	63.8	63.8	Bituminous coal	95.0	94.5	93.7	89.4	85.6	79.3	81.0	70.6	70.5
Cotton, Middling, spot	44.9	46.0	45.2	46.0	45.2	41.5	41.5	46.0	46.0	Cotton, consumption	124.0	119.0	123.1	129.1	102.0	96.4	91.4	91.4	91.9
Construction contracts	50.9	57.9	43.5	43.5	43.5	53.5	28.4	33.1	33.1	Electric power	130.1	130.3	130.1	130.2	129.5	113.8	111.8	100.7	100.1
Distribution: Carloadings	85.1	86.2	85.5	85.4	84.2	74.1	76.4	65.2	66.8	Lumber	63.5	61.5	62.7	63.2	56.5	52.9	53.4	31.7	34.3
Employment: Detroit, factory	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	Petroleum	148.0	147.9	145.2	143.4	145.5	134.3	133.6	112.1	114.3
Finance:										Steel ingots	97.4	98.7	100.0	100.0	98.7	69.7	69.7	34.2	32.9
Failures, commercial	39.3	34.2	40.3	36.1	32.9	57.5	53.1	55.3	52.6	Receipts, primary markets:									
Security prices:										Cattle and calves	108.9	114.1	112.9	110.1	104.2	120.6	128.3	125.7	133.5
Bond prices	117.5	117.8	117.8	117.4	117.2	107.3	106.8	104.6	104.3	Hogs	64.2	56.4	49.4	43.6	43.4	43.9	34.9	69.3	68.4
Stock prices	141.6	142.2	141.0	137.1	137.0	113.3	110.8	84.5	85.2	Cotton	280.8	276.5	258.1	230.8	234.6	277.3	266.2	173.5	162.3
										Wheat	50.8	39.5	35.6	38.9	32.3	67.1	86.3	32.0	37.0

*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
	October 24	October 17	October 10	October 3	September 26	September 19	October 26	October 19	October 27	October 20	October 28
COMMODITY PRICES, WHOLESALE											
Copper, electrolytic, New York	0.095	0.095	0.095	0.095	0.095	0.095	0.090	0.090	0.088	0.088	0.075
Cotton, middling, spot, New York	.122	.125	.123	.125	.123	.124	.113	.113	.125	.125	.099
Food index (Bradstreet's)	2.75	2.75	2.74	2.75	2.78	2.82	2.74	2.74	2.37	2.38	1.89
Iron and steel, composite	34.66	34.64	34.60	34.62	34.19	34.22	32.85	32.83	32.12	32.09	30.42
Wheat, No. 2, hard winter (K. C.)	1.22	1.25	1.22	1.22	1.26	1.22	1.14	1.16	1.01	1.04	.85
FINANCE											
Banking:											
Debits, New York City	3,890	2,848	4,144	3,933	2,997	4,468	3,833	3,344	2,628	2,707	3,067
Debits, outside of New York City	4,814	3,834	4,642	4,455	4,062	4,594	3,914	3,770	3,187	3,336	2,951
Federal Reserve banks:											
Reserve bank credit, total	2,463	2,485	2,472	2,473	2,473	2,495	2,472	2,496	2,452	2,457	2,526
Bills bought	3	3	3	3	3	3	5	5	6	6	7
Bills discounted	6	8	8	9	7	8	7	9	11	12	115
U. S. Government securities	2,430	2,430	2,430	2,430	2,430	2,430	2,430	2,430	2,430	2,430	2,400
Member bank reserve balances	6,693	6,617	6,479	6,357	6,225	6,206	5,575	5,534	3,985	3,996	2,693
Excess reserves, estimated	2,127	2,072	1,954	1,840	1,743	1,707	2,900	2,878	1,733	1,762	847
Federal Reserve reporting member banks:											
Deposits, net demand, adjusted	15,228	15,052	14,989	15,116	14,999	14,910	13,463	13,268	11,262	11,181	11,159
Deposits, time	5,072	5,098	5,073	5,063	5,018	5,081	4,963	4,921	4,877	4,859	4,912
Investments, total	13,820	13,873	13,904	13,929	13,962	13,955	12,391	12,325	10,760	10,751	8,318
U. S. Government direct obligations											
Obligations fully guaranteed by U. S. Government	9,286	9,323	9,359	9,336	9,377	9,376	8,130	8,118	7,183	7,182	5,230
Loans, total	1,254	1,258	1,250	1,256	1,252	1,247	1,128	1,119	505	482	9,074
On securities	8,751	8,695	8,703	8,753	8,648	8,659	7,931	7,975	8,310	8,324	3,788
All other	3,192	3,166	3,215	3,242	3,213	3,241	3,032	3,020	3,188	3,193	5,286
Interest rates, call loans	1.00	1.00	1.00	1.00	1.00	1.00	.25	.25	1.00	1.00	.75
Interest rates, time loans	1.25	1.25	1.25	1.25	1.25	1.25	.25	.25	.88	.88	.75
Exchange rates:											
French franc (daily av.)	4.651	4.661	4.670	4.789	6.583	6.583	6.592	6.590	6.605	6.643	5.776
Pound sterling (daily av.)	4.89	4.89	4.90	4.94	5.04	5.06	4.91	4.91	4.94	4.94	4.70
Failures, commercial	160	139	164	147	134	130	234	216	225	214	290
Money in circulation	6,322	6,325	6,318	6,287	6,245	6,204	5,699	5,711	5,455	5,484	5,627
Security markets:											
Bond sales (N. Y. S. E.)	70,920	66,660	97,140	80,020	84,190	59,440	73,570	61,750	67,940	67,870	49,800
Bond prices, 40 corporate issues	105.24	105.50	105.46	105.11	104.96	104.64	96.06	95.67	93.67	93.37	83.68
Stock sales (N. Y. S. E.)	9,298	8,698	12,801	8,844	8,407	6,116	14,275	10,460	3,991	3,263	9,828
Stock prices (N. Y. Times)	137.51	138.10	136.92	133.18	133.02	132.01	110.07	107.59	82.02	82.73	79.28
Stock prices (Standard Statistics) (419) 1926=100	121.3	119.6	118.6	114.1	115.1	112.7	89.1	86.7	68.2	68.2	68.5
Industrial (347) 1926=100	139.2	136.8	135.6	130.5	131.7	128.7	103.1	100.3	77.4	77.5	74.4
Public utilities (40) 1926=100	110.2	109.3	110.0	106.4	106.8	105.9	84.6	81.9	63.1	63.2	74.2
Railroads (32) 1926=100	59.9	60.2	58.2	55.2	55.9	54.5	35.7	34.9	37.0	35.9	39.3
PRODUCTION, CONSTRUCTION, AND DISTRIBUTION											
Production:											
Automobiles (Cram's estimate)	59,740	48,095	39,345	22,800	15,764	33,600	62,015	44,416	31,030	36,973	25,234
Bituminous coal (daily av.)	1,618	1,610	1,596	1,523	1,457	1,419	1,384	1,379	1,202	1,201	1,257
Electric power	2,167	2,170	2,168	2,169	2,157	2,171	1,896	1,863	1,677	1,668	1,622
Petroleum	3,083	3,080	3,025	2,988	3,030	3,037	2,798	2,783	2,336	2,380	2,358
Steel ingots (Dow-Jones, est.)	74	75	76	76	75	74	53	53	26	25	29
Construction-contract awards (da. av.)	8,178	9,290	6,977	6,977	11,025	11,025	8,594	4,564	5,311	5,741	5,741
Distribution:											
Freight-car loadings, total	815,972	826,155	820,195	819,126	807,070	789,510	710,621	732,304	624,808	640,727	642,423
Coal and coke	164,949	167,726	166,047	169,073	152,728	146,842	139,051	145,721	124,696	131,813	138,790
Forest products	36,327	36,093	34,813	34,781	37,131	35,452	30,696	31,376	21,923	23,345	24,174
Grain and products	33,025	32,582	30,058	31,876	33,674	33,075	33,932	36,118	32,164	31,292	30,157
Livestock	22,273	22,612	21,911	20,519	19,321	18,738	20,931	22,970	25,543	27,392	22,146
Merchandise, i. c. l.	170,819	168,999	172,768	172,632	172,051	170,423	165,914	166,283	161,704	163,400	171,733
Ore	49,766	55,281	60,752	57,865	58,604	59,232	32,636	33,602	14,655	16,685	19,917
Miscellaneous	338,813	342,922	333,846	332,380	333,561	325,748	287,461	296,234	244,123	246,800	235,506
Receipts:											
Cattle and calves	344	360	357	348	329	339	331	405	401	425	318
Hogs	417	366	321	293	267	267	285	227	453	447	356
Cotton into sight	730	719	671	600	610	614	721	692	451	422	571
Wheat at primary markets	4,040	3,145	2,834	3,093	2,569	2,223	5,338	6,869	2,542	2,941	3,252

*Data do not cover calendar weeks in all cases.

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

BUSINESS INDEXES

BUSINESS ACTIVITY (Annalist)†	1936	1935	1935	1935	1935	1936	1936	1936	1936	1936	1936	1936	1936
BUSINESS ACTIVITY (Annalist)†													
Combined index.....normal=100..	102.1	86.1	89.1	92.0	96.7	92.2	88.9	89.4	94.1	95.8	97.6	102.1	102.2
Automobile production.....normal=100..	97.1	45.6	77.6	118.1	120.8	103.0	89.8	109.9	117.6	112.6	112.5	118.9	107.3
Boot and shoe production.....normal=100..	114.2	115.2	115.2	119.8	148.5	135.6	116.5	117.5	112.3	113.2	105.7	127.5	126.2
Carloadings, freight.....normal=100..	94.7	80.4	84.8	87.3	93.7	90.9	89.2	87.4	91.0	93.1	92.3	95.1	93.0
Cement production.....normal=100..	69.9	43.0	45.7	51.8	55.4	42.3	42.7	52.8	63.3	66.2	62.6	64.2	71.8
Cotton consumption.....normal=100..	137.2	98.6	108.7	103.0	115.8	114.4	104.9	107.6	112.4	105.4	118.8	141.5	133.3
Electric power production.....normal=100..	103.4	95.2	94.9	96.9	97.9	97.6	97.4	96.2	98.3	100.0	99.7	101.6	104.2
Lead production.....normal=100..	70.9	75.2	79.2	79.3	84.2	70.7	71.6	71.5	79.7	82.6	84.7	87.3	71.3
Lumber production.....normal=100..	87.7	80.8	77.8	76.0	78.6	82.0	73.8	77.6	75.3	82.8	82.7	84.6	83.6
Pig-iron production.....normal=100..	107.5	68.3	73.6	80.0	84.5	76.3	67.5	68.0	80.8	85.7	91.3	95.5	100.0
Rayon consumption.....normal=100..	100.3	116.4	112.3	112.3	119.9	105.6	109.4	96.3	105.3	104.5	129.8	145.4	126.7
Silk consumption.....normal=100..	87.2	91.5	92.4	76.2	78.5	65.8	59.8	65.8	70.2	68.6	70.3	77.2	83.2
Steel-iron production.....normal=100..	108.9	76.9	76.9	80.9	86.6	69.5	67.0	70.2	95.6	91.3	97.0	100.3	108.9
Wool consumption.....normal=100..	125.9	151.9	141.2	133.0	124.0	117.3	107.2	86.2	89.3	108.4	112.9	112.1	112.1
Zinc production.....normal=100..	81.1	72.1	68.7	70.8	74.3	76.0	68.1	74.1	81.7	84.3	88.0	89.8	83.4
INDUSTRIAL PRODUCTION (F.B.B.)													
Total, unadjusted.....1923-25=100..	p 107	90	97	97	96	95	95	96	103	105	104	104	106
Manufactures, unadjusted.....1923-25=100..	p 107	89	96	98	95	95	93	97	105	105	105	105	106
Automobiles.....1923-25=100..	42	28	77	124	125	108	93	124	149	142	134	128	82
Cement.....1923-25=100..	100	59	59	58	46	29	29	42	70	87	92	91	99
Food products.....1923-25=100..	90	81	86	86	82	92	82	86	85	82	86	87	87
Glass, plate.....1923-25=100..	236	181	193	192	202	201	174	194	235	231	196	198	226
Iron and steel.....1923-25=100..	118	83	85	89	90	83	87	94	111	114	113	111	118
Leather and shoes.....1923-25=100..	130	120	115	104	106	109	113	110	108	103	* 98	112	* 126
Lumber.....1923-25=100..													
Paper and printing.....1923-25=100..													
Petroleum refining.....1923-25=100..	173	176	176	174	174	170	172	168	178	179	181	182	
Rubber tires and tubes.....1923-25=100..	97	91	99	99	107	89	85	113	121	130	124	124	
Shipbuilding.....1923-25=100..	64	35	105	138	92	100	107	116	118	97	76	76	
Textiles.....1923-25=100..	p 120	106	116	111	105	110	108	102	103	100	101	107	113
Tobacco manufactures.....1923-25=100..	173	143	148	140	119	141	135	132	140	147	161	167	158
Minerals, unadjusted.....1923-25=100..	109	92	100	95	96	99	106	89	94	100	100	101	* 104
Anthracite.....1923-25=100..	p 57	65	62	50	69	75	99	65	69	57	53	47	47
Bituminous coal.....1923-25=100..	p 86	61	82	80	83	88	98	70	71	66	66	72	* 75
Iron-ore shipments.....1923-25=100..	178	119	105	37						120	157	164	177
Lead.....1923-25=100..	57	56	70	70	70	63	64	60	69	73	70	68	58
Petroleum, crude.....1923-25=100..	p 152	139	141	143	142	142	140	145	150	150	149	147	152
Silver.....1923-25=100..	68	74	73	68	81	100	99	97	88	101	85	88	88
Zinc.....1923-25=100..	93	79	82	86	89	82	90	95	95	99	97	93	93
Total, adjusted.....1923-25=100..	p 109	* 91	95	* 96	* 101	* 97	94	93	100	101	* 104	* 108	* 108
Manufactures, adjusted.....1923-25=100..	p 110	* 92	95	* 97	* 101	* 96	* 92	93	* 100	* 101	* 105	* 109	* 110
Automobiles.....1923-25=100..	107	* 91	* 96	105	* 107	* 108	* 93	* 107	* 122	* 117	118	* 124	* 111
Cement.....1923-25=100..	80	47	52	59	59	47	48	58	71	74	74	74	77
Food products.....1923-25=100..	90	87	83	82	83	92	84	87	90	84	88	92	91
Glass, plate.....1923-25=100..	236	* 181	193	* 192	* 202	* 201	* 184	* 213	* 220	* 218	* 218	* 220	* 226
Iron and steel.....1923-25=100..	119	83	88	96	103	86	83	83	100	105	113	119	121
Leather and shoes.....1923-25=100..	p 113	104	105	109	124	118	111	107	110	112	* 102	113	* 114
Lumber.....1923-25=100..													
Paper and printing.....1923-25=100..													
Petroleum refining.....1923-25=100..	172	176	176	173	173	169	172	168	178	180	181	183	
Rubber tires and tubes.....1923-25=100..	* 97	* 91	* 99	* 99	* 99	* 107	* 89	* 85	* 113	* 121	* 130	124	119
Shipbuilding.....1923-25=100..	64	48	119	179	129	141	138	120	94	77	52	52	
Textiles.....1923-25=100..	p 120	106	113	106	111	105	102	100	100	107	115	115	120
Tobacco manufactures.....1923-25=100..	157	129	138	137	147	148	148	140	152	145	147	154	147
Minerals, adjusted.....1923-25=100..	101	87	93	92	101	103	110	95	105	101	99	101	98
Anthracite.....1923-25=100..	p 57	65	48	48	71	70	93	48	63	69	66	65	47
Bituminous coal.....1923-25=100..	p 81	58	75	71	78	80	92	70	84	76	74	80	* 77
Iron-ore shipments.....1923-25=100..	93	62	62	44						80	80	81	87
Lead.....1923-25=100..	60	59	68	67	70	63	62	59	70	75	69	71	60
Petroleum, crude.....1923-25=100..	p 147	135	140	144	146	148	143	146	150	149	146	144	* 149
Silver.....1923-25=100..	91	75	68	68	80	93	90	96	91	103	103	101	88
Zinc.....1923-25=100..	98	84	80	82	84	84	77	85	91	94	103	104	100

† 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 the October 1936 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. Federal reserve adjusted indexes revise as follows: Total industrial, total manufacturing, plate glass, beginning January 1935 and automobiles beginning August 1935. Since December 1934 no seasonal adjustment has been made for tire and tube production. 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

BUSINESS INDEXES—Continued

	1936	1935				1936							
	September	September	October	November	December	January	February	March	April	May	June	July	August
MARKETINGS													
Agricultural products * (quantity)													
Animal products.....1923-25=100..	110	106	124	98	78	68	57	67	65	68	74	89	80
Dairy products.....1923-25=100..	80	76	82	77	78	74	61	77	80	84	94	90	81
Livestock.....1923-25=100..	90	100	89	72	74	85	85	95	98	114	142	113	94
Poultry and eggs.....1923-25=100..	80	72	84	69	63	74	57	65	64	60	66	70	75
Wool.....1923-25=100..	72	65	69	106	108	70	69	108	120	128	114	89	80
Crops.....1923-25=100..	99	146	89	83	40	48	37	46	164	164	380	485	152
Cotton.....1923-25=100..	140	136	167	119	79	61	53	56	50	51	53	25	78
Fruits.....1923-25=100..	260	200	280	202	119	72	57	41	35	31	31	16	71
Grains.....1923-25=100..	89	85	126	66	65	58	65	72	79	82	64	87	78
Vegetables.....1923-25=100..	47	107	85	66	49	46	34	51	43	48	63	172	93
Agricultural products, cash income received from marketings of:†	95	73	103	71	59	74	85	98	84	94	99	66	57
Crops and livestock:													
Unadjusted.....1924-29=100..	89.0	76.5	95.0	79.0	72.5	65.0	53.0	50.5	58.5	64.0	69.5	84.0	75.0
Adjusted.....1924-29=100..	77.5	66.0	69.0	69.5	67.0	66.5	63.0	67.5	69.5	72.5	80.0	88.0	74.5
Crops, adjusted.....1924-29=100..	65.0	56.0	58.5	58.5	54.0	48.5	48.5	55.5	56.5	67.0	77.0	89.5	61.5
Livestock and products, adjusted													
Dairy products, adjusted.....1924-29=100..	91.0	76.5	80.5	81.0	81.0	84.5	78.0	80.0	83.0	78.5	83.0	86.0	87.5
Meat animals, adjusted.....1924-29=100..	91.0	76.0	76.0	79.0	84.5	87.5	85.0	84.5	83.5	79.0	77.0	81.5	87.0
Poultry and eggs, adjusted.....1924-29=100..	81.0	81.5	83.0	95.0	84.0	70.0	63.5	79.5	75.0	80.5	86.5	86.5	89.0
STOCKS													
Domestic stocks.....1923-25=100..	121	127	136	136	133	127	122	115	109	106	103	104	109
Manufactured goods.....1923-25=100..	101	106	104	101	103	104	105	104	102	102	104	100	102
Chemicals and allied prod.....1923-25=100..	130	120	117	118	121	124	132	133	128	125	119	118	122
Food products.....1923-25=100..	86	87	77	63	66	70	65	62	62	66	77	85	88
Forest products.....1923-25=100..	112	114	114	115	117	114	112	109	108	107	111	119	114
Iron and steel products.....1923-25=100..	119	107	108	109	109	110	122	115	110	116	80	118	119
Leather.....1923-25=100..	80	79	79	81	79	83	81	80	82	81	125	80	79
Metals, nonferrous.....1923-25=100..	117	148	136	124	122	119	115	119	121	122	80	130	127
Paper, newsprint.....1923-25=100..	67	63	55	47	39	54	61	70	65	61	112	76	82
Rubber products.....1923-25=100..	115	114	114	115	115	115	118	115	115	115	143	114	114
Stone, clay, and glass.....1923-25=100..	112	162	154	161	170	166	167	156	152	150	102	141	144
Textiles.....1923-25=100..	98	99	101	103	105	104	104	100	100	102	102	92	95
Raw materials.....1923-25=100..	136	141	160	161	154	144	134	123	115	108	101	106	113
Chemicals and allied prod.....1923-25=100..	96	98	115	111	107	98	88	81	76	73	79	69	75
Foodstuffs.....1923-25=100..	128	136	144	141	127	112	103	96	93	95	84	120	128
Metals.....1923-25=100..	96	96	88	88	86	87	80	84	72	73	83	84	93
Textile materials.....1923-25=100..	181	186	225	235	233	225	213	194	177	156	137	119	126
World stocks—foodstuffs and raw materials:													
Total.....1923-25=100..	196	213	215	217	218	214	209	208	207	201	194	193	192
Coffee—adj. for seasonal.....1923-25=100..	375	370	378	399	419	394	400	413	403	387	404	420	400
Cotton—adj. for seasonal.....1923-25=100..	195	159	169	169	170	165	154	161	170	160	150	165	165
Rubber—adj. for seasonal.....1923-25=100..	272	370	355	328	322	319	319	306	300	281	286	285	278
Silk—adj. for seasonal.....1923-25=100..	178	217	205	200	201	221	229	219	216	200	196	195	189
Sugar—adj. for seasonal.....1923-25=100..	226	228	259	248	256	263	264	268	256	235	209	200	200
Tea—adj. for seasonal.....1923-25=100..	126	136	133	129	128	124	123	133	139	138	134	126	125
Tin—unadjusted.....1923-25=100..	65	57	64	72	66	64	75	77	64	77	68	66	73
Wheat—adj. for seasonal.....1923-25=100..	188	188	188	176	186	172	152	137	134	124	116	139	142

COMMODITY PRICES

COST OF LIVING (N. I. C. B.) †													
Total, all groups.....1923=100..	85.9	82.7	83.0	83.4	83.9	83.9	83.5	83.2	83.4	83.8	85.1	85.2	85.6
Clothing.....1923=100..	73.6	74.3	74.4	74.5	74.6	74.5	74.1	74.0	73.8	73.6	73.3	73.0	73.2
Food.....1923=100..	86.1	81.7	82.7	83.8	83.8	83.5	82.3	81.0	81.0	81.7	85.6	85.8	85.8
Fuel and light.....1923=100..	85.6	84.8	86.3	86.7	86.8	86.9	87.1	87.1	86.7	84.7	84.5	84.7	85.0
Housing.....1923=100..	80.3	72.1	72.7	73.0	73.4	73.9	74.1	74.7	75.9	77.1	77.6	78.1	79.3
Sundries.....1923=100..	94.5	93.8	94.1	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.3	94.4	94.5
FARM PRICES (Dept. of Agri.) ‡													
Total, all groups.....1909-14=100..	124	107	109	108	110	109	109	104	105	103	107	115	124
Chickens and eggs.....1909-14=100..	119	126	132	140	135	117	121	99	97	101	103	106	112
Cotton and cottonseed.....1909-14=100..	106	96	94	99	98	95	94	93	96	96	96	105	103
Dairy products.....1909-14=100..	128	102	104	111	118	120	123	118	114	106	106	116	125
Fruits.....1909-14=100..	105	82	82	83	92	89	92	94	89	103	115	117	108
Grains.....1909-14=100..	130	97	101	90	89	92	92	92	89	88	87	109	129
Meat animals.....1909-14=100..	123	131	125	117	120	122	125	125	118	120	119	123	123
Truck crops.....1909-14=100..	153	101	120	136	136	118	117	77	107	105	99	115	134
Miscellaneous.....1909-14=100..	141	96	103	103	108	112	94	91	94	97	120	131	152
RETAIL PRICES													
Department of Labor indexes:													
Coal.....1913=100..			162			158			164			157	
Food.....1923-25=100..	84.3	80.1	80.5	81.5	82.0	81.7	80.6	79.5	79.7	79.9	83.8	84.0	84.0
Fairchild's index:*													
Combined index.....Dec. 1930=100..	89.3	86.6	87.6	88.0	88.2	88.3	88.3	88.1	88.1	88.1	87.9	88.1	88.5
Apparel:													
Infants' wear.....Dec. 1930=100..	94.5	93.4	92.6	92.7	92.7	92.7	92.7	92.9	92.8	92.8	92.6	92.6	94.4
Men's.....Dec. 1930=100..	87.7	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.4	87.5	87.4	87.5	87.6
Women's.....Dec. 1930=100..	90.7	88.8	89.1	89.4	89.4	89.5	89.5	89.5	89.8	89.9	90.2	90.4	90.4
Home furnishings.....Dec. 1930=100..	89.9	88.5	89.0	89.1	89.2	89.2	89.3	89.2	89.2	89.3	89.2	89.4	89.4
Piece goods.....Dec. 1930=100..	85.4	84.9	84.8	84.9	84.7	84.7	84.6	84.5	84.5	84.6	84.9	85.0	85.2

* 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 Oct. 15, 1936: Total 121, chickens and eggs, 127, cotton and cottonseed 104, dairy products 125, fruits 104, grains 128, meat animals 120, truck crops 131, miscellaneous 133.
 ‡ 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 combined index and silk index revised for period 1921-36 revisions not shown above will appear in a subsequent issue. Combined index revision for 1920 was shown on 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 in the October 1936 issue 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, "3".

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

COMMODITY PRICES—Continued

WHOLESALE PRICES														
Department of Labor index:														
Combined index (784).....1926=100..	81.6	80.7	80.5	80.6	80.9	80.6	80.6	79.6	79.7	78.6	79.2	80.5	81.6	
Economic classes:														
Finished products.....1926=100..	82.3	83.1	82.7	82.7	83.1	82.4	82.2	81.3	81.6	80.5	80.7	81.6	82.4	
Raw materials.....1926=100..	81.8	77.3	77.1	77.2	77.7	78.1	79.1	77.4	77.0	75.8	77.6	79.8	81.5	
Semimanufactures.....1926=100..	75.9	74.4	76.3	76.2	75.2	74.8	74.6	74.4	74.5	74.1	73.9	75.2	76.6	
Farm products.....1926=100..	84.0	79.5	78.2	77.5	78.3	78.2	79.5	76.5	76.9	75.2	78.1	81.3	83.8	
Grains.....1926=100..	102.0	83.5	86.4	77.9	76.6	78.9	78.3	75.6	73.9	70.6	73.0	88.9	102.4	
Livestock and poultry.....1926=100..	83.8	92.0	86.6	83.1	87.4	89.1	90.3	88.3	88.3	82.5	83.2	82.0	84.5	
Foods.....1926=100..	83.3	86.1	85.0	85.1	85.7	83.5	83.2	80.1	80.2	78.0	79.9	81.4	83.1	
Dairy products.....1926=100..	89.5	76.0	76.9	81.1	83.7	84.2	85.7	80.3	78.8	75.0	77.6	83.8	87.6	
Fruits and vegetables.....1926=100..	71.5	60.0	59.1	63.2	63.7	62.2	62.4	65.1	67.8	72.3	82.0	79.7	76.1	
Meats.....1926=100..	87.3	102.9	97.1	94.3	97.5	94.9	92.1	89.7	91.0	85.1	85.1	84.9	86.4	
Other products.....1926=100..	79.6	77.8	78.3	78.8	78.7	78.8	79.0	78.9	78.9	78.8	78.8	79.5	79.7	
Building materials.....1926=100..	87.1	85.9	86.1	85.8	85.5	85.7	85.5	85.3	85.7	85.8	85.8	86.7	86.9	
Brick and tile.....1926=100..	89.0	88.8	88.3	88.3	88.9	88.4	88.4	88.9	89.0	88.8	89.2	89.2	89.1	
Cement.....1926=100..	95.5	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
Lumber.....1926=100..	84.9	82.1	82.0	81.8	81.5	82.2	82.3	82.6	83.2	83.0	82.1	83.7	83.8	
Chemicals and drugs.....1926=100..	81.7	80.2	81.1	81.2	80.6	80.5	80.1	79.3	78.5	77.7	78.0	79.4	79.8	
Chemicals.....1926=100..	88.6	86.9	88.3	88.4	87.7	87.6	87.0	85.9	85.5	84.1	84.3	85.9	86.2	
Drugs and pharmaceuticals.....1926=100..	75.3	73.8	74.2	74.7	74.7	70.4	73.2	73.0	73.2	73.2	73.2	73.0	73.3	
Fertilizer materials.....1926=100..	67.6	67.2	67.2	67.5	64.5	64.4	64.5	64.8	64.6	64.7	64.0	65.2	66.7	
Fuel and lighting.....1926=100..	76.1	73.0	73.4	74.5	74.6	75.1	76.1	76.2	76.4	76.0	76.1	76.2	76.3	
Electricity.....1926=100..	87.5	86.3	86.3	86.2	84.9	83.1	86.2	84.4	82.8	84.2	83.4	83.4	82.5	
Gas.....1926=100..	91.9	89.0	86.6	86.6	81.5	83.2	82.1	84.4	84.8	87.3	88.0	87.9	86.1	
Petroleum products.....1926=100..	57.5	50.6	50.1	52.5	52.8	54.4	55.7	56.0	57.9	58.2	57.7	58.1	57.9	
Hides and leather.....1926=100..	94.6	90.9	93.6	95.0	95.4	97.1	96.1	94.9	94.6	94.0	93.8	93.4	93.6	
Boots and shoes.....1926=100..	93.3	98.3	98.8	99.6	100.1	100.5	100.4	100.4	100.3	100.2	99.7	99.3	99.3	
Hides and skins.....1926=100..	93.3	83.8	92.9	96.0	96.5	100.5	96.7	91.0	90.1	87.3	89.0	87.8	90.0	
Leather.....1926=100..	84.2	83.0	86.6	88.1	87.6	87.3	86.0	85.0	84.5	84.4	83.2	83.0	82.4	
House-furnishing goods.....1926=100..	81.7	80.5	80.6	81.0	81.0	81.4	81.5	81.4	81.5	81.5	81.4	81.2	81.4	
Furniture.....1926=100..	78.0	76.9	76.9	77.1	77.1	77.9	77.9	77.9	78.0	77.9	77.5	77.2	77.6	
Furnishings.....1926=100..	85.4	84.0	84.2	84.7	84.7	84.8	85.0	84.9	85.0	85.0	85.2	85.1	85.2	
Metals and metal products.....1926=100..	86.8	86.6	86.5	86.9	86.8	86.7	86.7	86.6	86.6	86.6	86.3	86.2	87.1	
Iron and steel.....1926=100..	88.1	86.8	86.9	87.0	86.9	87.1	86.9	86.3	86.3	86.3	86.3	87.6	87.9	
Metals, nonferrous.....1926=100..	71.4	68.6	70.9	71.3	70.6	69.7	69.7	70.4	70.7	70.0	70.0	70.4	70.8	
Plumbing and heating equipment.....1926=100..	76.5	71.1	71.1	71.1	71.1	71.7	73.8	73.8	73.8	73.8	73.8	76.5	76.5	
Textile products.....1926=100..	70.9	71.8	72.9	73.4	73.2	71.0	70.8	70.2	69.8	69.7	70.5	70.9	70.9	
Clothing.....1926=100..	80.8	80.8	80.8	80.7	81.0	80.7	80.7	80.8	80.8	81.1	80.9	80.8	80.8	
Cotton goods.....1926=100..	80.0	83.2	84.5	85.8	86.0	80.4	78.1	77.1	76.2	75.5	75.4	78.7	79.5	
Knit goods.....1926=100..	66.8	61.6	63.2	62.2	61.8	62.0	61.8	62.0	60.6	60.6	60.3	59.3	60.3	
Silk and rayon.....1926=100..	30.2	32.9	35.1	35.0	33.7	33.5	31.6	30.9	30.1	29.1	29.3	30.7	31.6	
Woolens and worsted.....1926=100..	80.9	76.9	79.1	80.7	81.0	81.4	82.8	83.8	82.2	82.2	82.6	82.0	81.2	
Miscellaneous.....1926=100..	71.3	67.1	67.5	67.4	67.5	67.8	68.1	68.3	68.6	69.2	69.7	71.6	71.5	
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..	80.7	79.7	79.7	79.4	79.2	79.8	79.9	80.3	80.5	80.5	80.6	80.6	80.6	
Other wholesale price indexes:														
Bradstreet's (96).....1926=100..	79.5	78.8	79.6	80.5	80.2	77.6	76.8	76.3	76.0	75.4	76.3	78.5	78.9	
Dun's (300).....1926=100..	97.1	94.1	94.7	94.2	94.4	94.9	95.2	94.1	92.0	91.3	94.5	96.4	96.8	
World prices foodstuffs and raw materials:* ‡														
Combined index.....1923-25=100..	55.4	49.6	52.2	50.3	49.5	51.1	50.5	51.3	52.1	51.3	54.7	54.8	55.9	
Coffee.....1923-25=100..	47.5	42.5	43.5	42.0	42.0	45.0	47.0	44.5	43.0	42.5	43.5	46.0	47.9	
Cotton.....1923-25=100..	45.2	39.7	41.2	44.1	44.5	43.8	42.6	41.9	43.0	43.0	44.1	48.5	45.2	
Rubber.....1923-25=100..	38.4	26.9	29.7	30.7	30.8	33.6	36.3	37.2	37.4	36.5	37.1	38.6	38.2	
Silk.....1923-25=100..	23.7	29.1	29.2	27.4	27.4	24.9	24.2	23.5	22.4	22.4	22.3	23.9	25.0	
Sugar.....1923-25=100..	66.1	64.8	67.8	62.8	55.6	59.1	61.1	65.8	71.0	70.3	71.1	69.8	69.3	
Tea.....1923-25=100..	72.3	77.1	77.0	67.9	66.0	67.8	69.5	70.1	70.9	68.0	64.1	64.8	68.6	
Tin.....1923-25=100..	89.0	97.6	101.9	103.2	99.0	94.0	95.3	95.5	93.4	92.1	84.0	85.5	84.7	
Wheat.....1923-25=100..	73.5	58.0	62.7	54.9	59.2	63.1	58.1	58.7	56.6	55.2	54.6	63.5	73.3	
Wholesale prices, actual. (See under respective commodities.)														
PURCHASING POWER OF THE DOLLAR*														
Wholesale prices.....1923-25=100..	123.4	124.8	125.1	125.0	124.5	125.0	125.0	126.5	126.4	128.1	127.2	125.1	123.4	
Retail food prices †.....1923-25=100..	118.6	124.8	124.2	122.7	122.0	122.4	124.1	125.8	125.5	125.2	119.3	119.0	119.0	
Farm prices †.....1923-25=100..	118.5	137.4	135.0	136.1	133.7	135.0	141.4	140.1	140.1	142.7	137.4	127.9	118.5	
Cost of living †.....1923-25=100..	118.3	123.0	122.5	122.0	121.2	121.2	121.8	122.2	122.0	121.4	119.5	119.3	118.8	

CONSTRUCTION AND REAL ESTATE

CONSTRUCTION CONTRACTS AWARDED													
Contracts awarded, F. R. B.: ‡													
Total, unadjusted.....1923-25=100..	61	44	45	53	53	50	44	47	53	56	60	65	65
Residential.....1923-25=100..	49	25	25	25	22	21	22	28	35	38	39	45	46
Total, adjusted.....1923-25=100..	61	43	48	60	67	61	52	47	46	52	59	62	62
Residential.....1923-25=100..	49	25	25	26	26	25	25	26	30	32	36	44	46
F. W. Dodge Corporation (37 States): ▲													
Total, all types:													
Projects.....number.....	12,056	9,978	11,385	9,256	8,249	7,724	6,442	10,514	13,338	13,242	13,352	13,890	12,912
Valuation.....thous. of dol..	234,272	167,376	200,596	188,115	264,137	204,793	142,050	198,978	234,632	216,071	233,055	294,735	275,281
Nonresidential buildings: †													
Projects.....number.....	3,079	2,778	3,318	2,753	2,796	2,761	2,355	3,106	3,792	3,436	3,411	3,626	3,504
Floor space.....thous. of sq. ft..	13,639	8,602	10,813	11,680	20,680	16,047	11,384	15,098	17,343	15,629	15,916	17,543	15,504
Valuation.....thous. of dol..	69,099	49,420	59,180	68,080	124,506	90,480	62,611	81,460	94,068	82,252	79,079	96,125	80,380

* 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 in the October 1936 issue 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 references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936		1935				1936					
	Septem-ber	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.....	224	176	223	207	269	221	136	205	221	176	167	229	188
Valuation.....thous. of dol.....	15,735	12,493	11,198	10,694	18,104	17,926	11,939	18,106	23,753	12,773	9,264	27,512	17,945
Public works:#													
Projects.....number.....	1,169	1,422	1,614	1,540	1,328	1,048	702	1,123	1,092	1,102	1,330	1,782	1,238
Valuation.....thous. of dol.....	68,765	63,653	75,117	69,645	76,387	58,948	36,325	44,191	49,660	50,792	71,107	99,103	76,435
Residential buildings:♂													
Projects.....number.....	7,584	5,602	6,230	4,756	3,856	3,694	3,249	6,080	8,233	8,528	8,444	8,253	7,982
Floor space.....thous. of sq. ft.....	21,181	12,002	16,764	12,253	11,899	10,306	9,115	15,604	19,736	20,547	20,624	20,501	24,393
Valuation.....thous. of dol.....	80,671	41,811	55,100	39,695	45,140	37,440	31,176	55,221	67,151	70,253	73,605	71,994	100,523
Engineering construction:†													
Total contracts awarded (E. N. R.).....thous. of dol.....	197,372	114,840	182,631	154,973	235,506	288,547	164,499	147,097	195,458	141,257	183,917	226,595	192,317
HIGHWAY CONSTRUCTION													
Concrete-pavement contract awards:													
Total.....thous. of sq. yd.....	7,613	4,663	6,816	4,496	6,869	2,250	2,068	2,662	3,835	5,235	4,198	7,913	5,903
Roads only.....thous. of sq. yd.....	5,196	3,766	5,888	3,327	3,591	1,217	1,396	1,579	2,767	3,621	2,942	6,208	4,648
Highways:													
Approved for construction (N. I. R. A.):*													
Mileage.....number of miles.....	139	402	295	290	241	267	308	291	296	252	169	144	146
Public works funds allotted.....thous. of dol.....	4,044	11,984	10,100	8,740	8,092	7,279	7,607	7,623	7,382	5,975	4,631	4,345	4,248
Under construction (N. I. R. A.):*													
Estimated total cost.....thous. of dol.....	25,126	126,211	102,246	88,776	74,700	65,390	61,015	59,593	56,484	50,197	42,500	37,100	28,823
Public works funds allotted.....thous. of dol.....	22,929	114,867	92,885	80,810	68,965	60,877	56,653	55,085	52,005	45,693	38,975	33,397	26,680
Federal aid funds allotted.....thous. of dol.....	32	2,020	1,328	1,189	982	667	601	569	467	248	195	195	147
Mileage.....number of miles.....	714	5,031	3,706	2,968	2,371	1,988	1,734	1,679	1,527	1,339	1,152	971	832
CONSTRUCTION COSTS													
Building costs—all types (American Appraisal Co.):*.....1913=100.....		157	157	157	158	158	158	159	159	161	162	163	163
Building costs—all types (A. G. C.).....1913=100.....	179	174	173	173	173	178	178	178	178	178	178	178	178
Building costs—all types (E. N. R.):§.....1913=100.....	208.1	195.1	195.1	194.9	194.9	199.5	201.2	201.2	202.2	203.4	204.6	204.4	208.1
Building costs—factory (Aberthaw).....1914=100.....	183	177			177			178			183		
MISCELLANEOUS DATA													
Fire losses, United States.....thous. of dol.....	20,414	16,642	19,786	20,872	27,969	27,730	36,910	29,177	25,787	21,479	20,407	22,357	21,714
Foreclosures*.....number.....		14,470	14,398	12,886	13,221	12,560	11,794	13,245	13,126				
Real estate:													
Home loan bank, loans outstanding*†.....thous. of dol.....	129,752	90,432	95,595	97,089	102,795	102,745	102,887	103,354	105,969	110,922	118,580	122,094	125,211
Home Owners' Loan Corp.*:													
Applications received.....number.....													
Loans closed:													
Number.....		12,892	16,259	15,634	19,002	14,192	9,392	8,386	6,305	6,073			
Amount.....thous. of dol.....		41,181	49,883	47,927	58,541	44,409	29,984	25,715	19,891	21,865			
Loans outstanding*.....thous. of dol.....		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.....	76.6	79.0	83.2	84.1	80.2	78.0	84.8	87.7	88.5	90.9	90.6	88.5	
Farm papers.....1928-32=100.....	69.8	61.5	62.6	74.4	67.1	66.0	66.6	72.8	76.5	73.5	73.4	80.2	
Magazines.....1928-32=100.....	91.6	74.4	75.1	81.0	82.4	82.5	86.8	89.2	87.6	88.2	90.3	87.2	
Newspapers.....1928-32=100.....		75.5	77.9	82.9	84.7	79.1	75.5	81.5	85.0	86.5	88.9	87.1	84.9
Outdoor.....1928-32=100.....		52.4	59.5	58.0	47.0	50.0	52.3	71.1	70.6	70.2	73.5	74.3	72.3
Radio.....1928-32=100.....	184.5	185.2	177.5	195.0	187.0	189.7	192.8	185.2	184.4	202.1	224.7	230.0	
Radio broadcasting:▲													
Cost of facilities, total.....thous. of dol.....	3,250	4,710	4,377	4,780	4,583	4,623	5,210	4,693	4,311	*3,826	3,723	3,655	
Automotive.....thous. of dol.....	244	721	400	487	432	466	539	453	450	394	241	225	
Drugs and toilet goods.....thous. of dol.....	1,096	1,283	1,295	1,406	1,382	1,428	1,555	1,405	1,227	1,058	966	961	
Foods.....thous. of dol.....	911	1,154	1,072	1,171	1,150	1,111	1,260	1,182	1,106	1,056	1,147	1,063	
Petroleum products.....thous. of dol.....	313	384	382	398	402	390	417	344	329	292	301	292	
Tobacco manufactures.....thous. of dol.....	184	367	368	384	352	331	370	395	393	*371	421	395	
All other*.....thous. of dol.....	503	802	861	934	882	895	1,069	913	806	*656	647	720	
Magazine advertising:†													
Cost, total.....thous. of dol.....	8,852	10,248	11,747	9,360	7,435	11,166	13,431	14,516	14,929	12,298	8,917	8,488	
Automotive.....thous. of dol.....	832	686	1,684	979	1,157	1,655	2,044	2,146	2,332	1,811	1,196	1,221	
Drugs and toilet goods.....thous. of dol.....	1,454	1,957	2,203	1,609	1,241	2,323	2,477	2,506	2,359	2,137	1,767	1,756	
Foods.....thous. of dol.....	1,296	1,690	1,986	1,630	1,230	1,837	2,195	1,784	1,742	1,657	1,493	1,211	
Petroleum products.....thous. of dol.....	220	192	263	110	148	191	214	459	408	366	365	347	
Tobacco manufactures.....thous. of dol.....	525	526	559	565	580	494	568	591	610	566	494	540	
All other*.....thous. of dol.....	4,523	5,197	5,052	4,467	3,079	4,665	5,932	7,031	7,419	5,710	3,603	3,414	
Lineage, total†.....thous. of lines.....	2,084	1,812	2,181	2,201	2,334	1,696	2,128	2,511	2,860	2,852	1,967	1,695	

* 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 October 1, 1936, 211.5.
 ● 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 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 references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936	1935				1936							
	September	September	October	November	December	January	February	March	April	May	June	July	August
DOMESTIC TRADE—Continued													
ADVERTISING—Continued													
Newspaper advertising:													
Lineage, total (52 cities)*...thous. of lines..	114,387	101,347	117,427	117,704	118,684	94,810	91,334	116,443	121,887	127,182	117,029	98,499	99,166
Classified.....thous. of lines.....	22,521	20,155	20,668	19,753	20,171	18,499	17,546	21,991	22,548	24,172	24,843	21,232	22,546
Display.....thous. of lines.....	91,866	81,192	96,759	97,952	98,513	76,311	73,788	94,452	99,339	103,010	92,186	77,266	76,620
Automotive.....thous. of lines.....	4,257	2,910	5,714	7,677	4,058	3,787	3,632	5,453	7,813	8,493	7,645	6,593	4,908
Financial.....thous. of lines.....	1,641	1,454	1,983	2,096	1,835	2,536	1,942	2,773	2,488	1,933	1,988	2,219	1,646
General.....thous. of lines.....	21,053	16,629	20,775	20,980	16,269	17,686	19,464	22,899	21,812	23,498	20,802	18,287	16,186
Retail.....thous. of lines.....	64,916	60,200	68,297	67,198	76,351	52,301	48,751	63,327	67,227	69,086	61,751	50,167	53,830
GOODS IN WAREHOUSES													
Space occupied, public merchandise in warehouses.....percent of total.....		62.5	61.9	62.3	62.2	62.4	60.7	61.8	62.1	61.2	61.3	61.0	61.3
NEW INCORPORATIONS													
Business incorporations (4 States)...number..	2,026	1,994	2,272	2,053	2,409	2,655	2,218	2,506	2,297	2,273	2,285	2,182	1,910
POSTAL BUSINESS													
Air mail, pound-mile performance* thous. of lb.....		732,875	807,460	717,264	858,100	761,833	745,845	902,749	885,274	920,629	949,828	1,055,015	1,051,115
Money orders:													
Domestic, issued (50 cities):													
Number.....thousands.....	3,665	3,359	3,809	3,740	4,346	3,952	3,953	4,123	3,950	3,834	4,091	3,764	3,633
Value.....thous. of dol.....	37,237	33,417	37,327	35,890	39,631	37,628	36,611	38,676	37,884	36,405	40,994	38,354	36,655
Domestic, paid (50 cities):													
Number.....thousands.....	12,772	10,915	13,631	12,561	14,341	12,449	11,523	13,291	13,122	12,735	13,153	12,598	11,573
Value.....thous. of dol.....	103,480	88,703	108,905	99,403	107,701	92,882	85,555	99,739	99,510	96,032	102,447	103,085	94,696
Foreign, issued—value.....thous. of dol.....	2,416	2,038	2,733	2,521	2,294	2,254	2,254	3,055	2,450	2,048	2,385		
Receipts, postal:†													
50 selected cities.....thous. of dol.....	29,294	25,035	29,354	27,580	35,985	27,434	26,103	28,839	28,944	27,874	28,288	26,673	26,037
50 industrial cities.....thous. of dol.....	3,242	2,815	3,292	2,976	4,248	3,257	3,060	3,318	3,320	3,124	3,214	3,192	3,022
RETAIL TRADE													
Automobiles:*													
New passenger car sales:													
Unadjusted.....1929-31=100.....	70.9	50.1	53.3	96.6	90.6	69.3	65.5	117.8	142.3	138.6	139.3	117.3	92.9
Adjusted.....1929-31=100.....	83.0	79.0	82.0	113.5	106.5	102.0	89.5	101.0	93.5	93.5	109.5	104.5	92.0
Chain-store sales:													
Chain Store Age index:†‡													
Combined index †													
av. same month 1929-31=100.....	110	98	100	100	103	97	99	101	102	103	108	110	109
Apparel index †													
av. same month 1929-31=100.....	117	107	110	108	114	100	105	119	115	117	118	125	119
Grocery †													
av. same month 1929-31=100.....	100	94	93	92	93	93	93	94	94	93	96	100	102
Five-and-ten (variety) stores:*													
Unadjusted.....1929-31=100.....	98.2	87.7	93.4	95.1	178.4	67.7	73.5	80.3	95.7	96.8	98.8	97.2	86.5
Adjusted.....1929-31=100.....	102.8	91.8	92.0	93.7	96.7	90.8	88.0	93.3	95.2	96.8	104.0	109.2	97.7
H. L. Green Co., Inc.:*													
Sales.....thous. of dol.....	2,501	2,088	2,476	2,684	4,941	1,753	1,868	2,043	2,522	2,514	2,625	2,412	2,430
Stores operated.....number.....	132	133	134	134	133	132	130	130	131	130	130	130	132
S. S. Kresge Co.:													
Sales.....thous. of dol.....	11,753	10,148	11,925	12,269	21,551	8,597	9,571	10,043	12,011	11,925	12,182	11,169	11,353
Stores operated.....number.....	728	737	741	744	745	743	740	739	737	726	725	729	729
S. H. Kress & Co.:													
Sales.....thous. of dol.....	6,785	6,138	6,586	6,858	13,789	5,204	5,459	6,314	6,873	6,552	7,027	6,525	6,652
Stores operated.....number.....	235	233	234	235	234	234	234	235	235	235	235	235	235
McCrorry Stores Corp.:▲													
Sales.....thous. of dol.....	3,096	2,626	3,183	3,262	6,268	2,324	2,691	2,893	3,284	3,057	3,443	3,002	3,010
Stores operated.....number.....	195	203	201	203	203	201	200	200	200	199	197	195	195
G. C. Murphy Co.:													
Sales.....thous. of dol.....	2,907	2,351	2,865	2,970	5,005	2,003	2,311	2,320	3,001	3,089	3,183	2,974	2,922
Stores operated.....number.....	192	188	189	189	189	189	190	190	190	190	191	191	192
F. W. Woolworth Co.:													
Sales.....thous. of dol.....	23,434	20,243	23,383	23,407	39,590	16,983	19,016	19,677	23,072	22,622	23,398	22,861	23,156
Stores operated.....number.....	1,993	1,974	1,978	1,978	1,980	1,977	1,979	1,980	1,983	1,986	1,989	1,990	1,991
Restaurant chains (3 companies):													
Sales.....thous. of dol.....	3,655	3,369	3,565	3,395	3,662	3,384	3,229	3,509	3,495	3,442	3,363	3,510	3,490
Stores operated.....number.....	349	355	353	351	352	353	350	350	348	349	350	349	349
Other chains:													
W. T. Grant & Co.:													
Sales.....thous. of dol.....	7,443	6,726	8,365	8,581	14,818	5,175	5,754	6,475	7,649	8,328	8,371	7,075	6,925
Stores operated.....number.....	472	470	470	471	471	471	472	472	472	472	473	473	472
J. C. Penney Co.:													
Sales.....thous. of dol.....	22,529	18,806	24,023	24,992	31,332	13,964	13,692	16,282	19,759	20,640	21,475	18,475	19,369
Stores operated.....number.....	1,491	1,480	1,481	1,483	1,481	1,481	1,481	1,481	1,483	1,483	1,484	1,488	1,489
Department stores:													
Collections:*													
Installment account percent of accounts receivable.....		16.2	17.4	17.4	16.7	16.7	17.1	17.6	17.4	16.9	18.0	16.2	16.2
Open account percent of accounts receivable.....		40.6	45.5	46.8	44.0	46.9	44.4	43.9	45.1	45.8	47.6	45.6	42.1

* 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. 18 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 monthly issues as follows: Apparel sales index of Chain Store Age, p. 26, 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.

‡ Revised series. For revisions refer to the indicated pages of the monthly issues as follows: Apparel sales index of Chain Store Age, p. 26, 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							
	September	September	October	November	December	January	February	March	April	May	June	July	August

DOMESTIC TRADE—Continued

RETAIL TRADE—Continued														
Department stores—Continued.														
Sales, total value, unadjusted [▲]														
Atlanta*	1923-25=100..	93	86	86	91	145	63	66	77	85	89	84	63	68
Boston	1923-25=100..	116	91	98	103	158	71	86	95	100	103	92	78	96
Chicago*†	1923-25=100..	82	72	78	78	124	64	66	74	74	76	54	54	54
Cleveland*	1923-25=100..	86	81	86	89	137	64	69	82	89	89	87	65	76
Dallas*	1923-25=100..	89	78	79	83	133	58	70	68	89	93	84	63	72
Minneapolis*	1923-25=100..	109	97	92	97	155	69	77	87	90	95	92	71	77
New York*	1923-25=100..	92	85	90	84	133	60	63	80	80	82	77	59	70
Philadelphia*	1923-25=100..	94	84	94	85	123	65	58	79	88	87	85	81	75
Richmond	1923-25=100..	87	83	87	93	140	63	64	71	78	80	80	62	63
San Francisco*†	1923-25=100..	69	65	74	80	122	47	51	66	70	74	71	52	56
St. Louis	1923-25=100..	104	98	117	114	185	73	72	95	103	110	104	79	78
Total sales, 2 companies	1923-25=100..	86	71	80	81	120	56	59	73	78	76	72	55	60
Adjusted	1923-25=100..	97	88	90	94	154	67	73	80	86	84	87	77	88
Chicago*†	1923-25=100..	88	81	78	82	83	81	83	84	84	87	87	91	87
Cleveland*	1923-25=100..	123	97	82	90	93	90	98	103	96	102	103	111	123
Dallas*	1923-25=100..	94	79	78	81	81	80	87	90	84	88	89	91	95
Minneapolis*	1923-25=100..	86	75	75	79	81	77	86	78	79	87	86	83	85
New York*	1923-25=100..	103	92	80	84	95	82	91	91	92	91	100	102	107
Philadelphia*	1923-25=100..	88	77	79	86	83	73	77	84	82	86	88	61	86
San Francisco*†	1923-25=100..	74	81	77	79	83	81	77	83	80	85	83	82	81
St. Louis	1923-25=100..	88	72	65	66	69	57	62	73	70	76	74	70	73
Total sales, New England dept.	1923-25=100..	93	85	88	89	90	87	86	88	90	90	94	94	92
Stores, ratio to total sales	percent.	10.8	10.7	10.2	8.8	6.2	10.1	11.0	9.7	8.5	8.9	7.5	9.5	14.9
Stocks, value, end of month:														
Unadjusted	1923-25=100..	71	67	72	75	61	58	62	67	68	67	62	59	65
Adjusted	1923-25=100..	68	64	66	67	65	66	65	65	65	65	64	63	67
Mail-order and store sales:														
Total sales, 2 companies	thous. of dol.	80,974	59,474	79,945	71,777	90,813	46,181	45,435	60,926	69,413	75,219	76,689	65,270	66,325
Montgomery Ward & Co.	thous. of dol.	33,357	25,173	35,897	30,910	39,475	18,508	17,855	24,845	30,403	30,295	30,330	25,636	27,422
Sears, Roebuck & Co.	thous. of dol.	47,617	34,301	44,048	40,867	51,338	27,672	27,580	36,081	39,011	44,923	46,359	39,634	38,903
Rural sales of general merchandise:														
Unadjusted	1929-31=100..	122.3	103.7	127.6	127.6	155.9	79.9	84.2	99.2	105.5	106.5	106.2	88.3	96.2
Adjusted	1929-31=100..	123.6	104.8	104.6	103.7	109.8	96.3	93.0	106.7	109.9	113.3	112.4	114.7	111.9

EMPLOYMENT CONDITIONS AND WAGES

EMPLOYMENT														
Factory, unadj. (B. L. S.)*§	1923-25=100..	90.6	83.7	85.3	85.0	84.6	82.9	83.1	84.1	85.1	85.7	86.0	86.8	89.0
Durable goods group*§	1923-25=100..	80.7	71.2	74.9	76.1	75.7	74.4	74.4	75.7	77.6	79.2	79.9	79.7	80.0
Iron and steel and products	1923-25=100..	87.8	74.7	76.4	76.8	76.6	75.8	76.0	77.1	79.1	81.1	82.4	83.8	86.0
Blast furnaces and steel works	1923-25=100..	89.4	74.4	75.6	76.2	77.0	77.1	76.6	77.4	79.7	82.1	83.2	85.8	88.2
Structural and metal work	1923-25=100..	80.3	58.6	59.0	58.6	56.6	57.4	57.7	60.9	64.5	69.1	72.6	75.3	79.4
Tin cans, etc.	1923-25=100..	115.1	105.4	100.5	95.3	92.9	91.6	91.4	93.9	95.8	98.6	102.7	104.3	111.0
Lumber and products	1923-25=100..	60.7	57.0	57.5	56.0	54.5	52.9	53.1	54.5	55.6	56.7	57.5	58.1	59.5
Furniture	1923-25=100..	86.0	76.3	77.9	77.0	74.8	71.7	72.6	72.4	72.1	73.0	74.4	77.7	82.6
Millwork	1923-25=100..	74.9	50.1	49.5	48.7	46.9	45.5	45.7	47.0	48.5	49.8	51.7	51.5	54.3
Sawmills	1923-25=100..	38.3	37.4	37.6	36.0	35.1	34.4	34.3	36.1	37.5	38.4	38.5	38.4	37.7
Turpentine and rosin	1923-25=100..	101.4	100.5	100.3	100.7	99.7	98.0	98.1	97.1	99.0	97.8	99.0	99.2	101.8
Machinery	1923-25=100..	104.1	91.1	93.1	93.8	93.1	92.5	92.6	93.6	96.2	99.1	100.3	100.5	101.2
Agricultural implements	1923-25=100..	100.8	118.5	116.6	123.8	128.9	133.9	136.3	138.7	140.4	138.3	132.6	118.4	104.1
Electrical machinery, etc.	1923-25=100..	85.2	73.3	75.3	75.4	74.0	72.1	71.4	72.3	75.3	77.1	79.1	80.9	81.4
Foundry and machine-shop products	1923-25=100..	91.3	76.0	76.8	77.6	79.0	79.1	80.0	81.5	83.8	86.1	87.0	88.2	89.4
Radios and phonographs	1923-25=100..	262.3	254.9	279.1	271.6	230.0	213.1	196.0	186.1	188.6	215.4	242.5	234.2	255.0
Metals, nonferrous§	1923-25=100..	96.5	86.9	91.9	93.1	92.3	89.4	89.3	88.9	88.7	89.0	89.7	88.7	92.4
Aluminum manufactures§	1923-25=100..	91.2	79.1	82.7	83.0	82.1	81.2	82.0	85.2	84.3	84.6	87.5	90.3	90.6
Brass, bronze, copper products	1923-25=100..	94.1	81.8	86.8	89.0	88.5	87.6	87.2	86.9	86.8	87.7	87.9	88.1	90.4
Stamped and enameled ware§	1923-25=100..	114.3	106.2	112.7	116.2	117.0	110.5	109.2	109.1	112.8	110.8	112.3	109.4	112.2
Railroad repair shops	1923-25=100..	61.0	52.6	55.1	55.7	55.8	55.9	58.2	60.1	59.9	60.1	60.6	58.9	60.5
Electric railroad	1923-25=100..	66.0	64.6	64.5	65.1	64.8	65.0	65.5	65.8	66.0	65.9	65.6	65.3	65.9
Steam railroad	1923-25=100..	60.6	51.7	54.4	55.0	55.1	55.2	57.6	59.7	59.4	59.7	60.2	58.4	60.1
Stone, clay, and glass products	1923-25=100..	62.2	55.8	56.7	56.4	55.2	50.8	51.0	54.1	57.7	59.8	60.7	61.1	61.9
Brick, tile, and terracotta	1923-25=100..	42.8	34.0	35.3	34.6	33.9	31.0	30.0	32.5	36.7	39.9	42.3	43.0	43.3
Cement	1923-25=100..	62.1	51.9	52.9	49.6	45.0	38.0	38.0	44.3	52.3	58.4	58.9	60.0	61.1
Glass	1923-25=100..	97.3	95.8	97.5	98.4	97.8	92.0	93.8	97.1	97.1	97.3	97.3	97.0	97.9
Transportation equipment	1923-25=100..	86.6	75.9	82.9	101.0	103.2	101.7	102.0	100.3	104.3	105.5	104.6	101.0	92.7
Automobiles	1923-25=100..	88.8	84.0	105.0	115.5	114.2	114.3	116.0	111.1	114.1	115.6	114.3	109.6	97.0
Cars, electric and steam	1923-25=100..	65.4	62.5	67.9	43.4	47.4	45.4	45.4	48.6	60.9	61.1	63.3	60.0	68.3
Shipbuilding	1923-25=100..	100.2	76.1	79.8	82.3	82.9	83.9	82.0	90.7	90.8	98.7	95.8	96.7	97.2
Nondurable goods group*§	1923-25=100..	101.2	97.1	98.4	94.6	94.3	92.1	92.6	93.2	93.1	92.7	92.6	94.4	98.3
Chemicals and products	1923-25=100..	116.5	110.7	113.1	112.4	111.1	109.7	108.9	112.1	110.7	110.0	108.3	110.6	111.4
Chemicals	1923-25=100..	119.3	108.0	108.9	109.5	108.8	107.4	107.1	108.1	109.0	110.3	111.7	115.3	115.8
Druggists' prep.	1923-25=100..	99.2	96.5	101.6	100.3	98.8	97.6	97.7	99.0	98.4	96.8	96.5	96.3	96.4
Paints and varnishes	1923-25=100..	112.9	106.7	109.2	109.3	107.9	107.1	107.2	108.1	111.9	114.5	115.3	112.9	111.3

* 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. Data for department store sales, San Francisco district revised for this period 1919-36. Revisions not shown above will appear in a subsequent issue.
 ▲ 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 references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936		1935				1936						
	September	September	October	November	December	January	February	March	April	May	June	July	August

EMPLOYMENT CONDITIONS AND WAGES—Continued

EMPLOYMENT—Continued	1936	1935	1935	1935	1935	1936	1936	1936	1936	1936	1936	1936	1936
Factory unadjusted—Continued.													
Nondurable goods group—Continued.													
Chemicals and products—Continued.													
Petroleum refining.....1923-25=100..	111.6	110.1	110.9	110.3	109.6	108.7	108.0	107.5	109.4	109.4	110.7	114.1	* 111.1
Rayon and products.....1923-25=100..	366.3	353.6	356.8	356.1	357.9	353.6	347.2	352.0	331.1	341.4	342.0	353.3	* 362.9
Food and products.....1923-25=100..	121.7	118.2	108.5	100.5	96.8	92.6	91.1	92.0	91.1	96.3	100.4	107.7	* 115.9
Baking.....1923-25=100..	118.6	114.6	114.6	113.6	112.4	111.2	111.7	112.9	113.5	114.8	115.9	116.6	* 117.3
Beverages.....1923-25=100..	194.6	171.9	162.9	153.0	150.1	149.7	148.0	158.6	163.9	178.9	184.9	204.2	* 199.1
Slaughtering, meat pack-													
ing.....1923-25=100..	89.5	78.9	79.7	82.8	84.3	84.9	81.7	80.5	80.7	82.8	84.2	80.2	* 89.9
Leather and products.....1923-25=100..	89.4	88.8	86.6	82.3	86.3	88.4	89.7	86.4	83.9	82.4	86.9	89.7	* 89.7
Boots and shoes.....1923-25=100..	87.3	87.3	84.0	77.8	82.8	86.1	88.1	87.4	84.3	81.4	79.7	85.1	* 88.1
Leather.....1923-25=100..	98.2	95.2	97.0	100.3	100.4	97.7	96.3	95.6	94.9	94.3	93.5	94.5	* 96.2
Paper and printing.....1923-25=100..	101.8	97.3	98.3	98.7	99.7	97.5	98.2	98.2	98.6	99.0	98.3	97.9	* 99.6
Paper and pulp.....1923-25=100..	111.9	109.2	109.1	109.0	110.0	108.7	109.2	109.6	110.3	111.0	110.3	109.8	* 110.7
Rubber products §.....1923-25=100..	99.8	81.1	82.8	82.7	83.0	82.0	81.7	72.7	82.1	83.0	83.7	84.5	* 88.1
Rubber tires and tubes.....1923-25=100..	81.3	70.3	70.7	69.8	70.5	70.5	69.9	53.2	68.1	70.0	72.6	73.6	* 79.8
Textiles and products.....1923-25=100..	100.0	95.9	97.7	97.0	96.9	95.1	96.1	97.2	96.1	94.2	93.2	93.4	* 98.5
Fabrics.....1923-25=100..	95.9	92.1	94.6	96.1	96.4	94.0	93.5	93.3	91.9	90.7	90.6	92.0	* 95.0
Wearing apparel.....1923-25=100..	105.2	100.5	100.5	94.8	93.8	93.4	97.9	101.9	101.7	97.9	95.2	92.5	* 102.3
Tobacco manufactures.....1923-25=100..	60.1	58.9	60.0	59.7	58.2	55.2	55.5	55.9	55.4	56.7	56.9	57.2	* 59.5
Factory adjusted (F. R. B.) * §.....1923-25=100..	88.9	81.9	83.7	84.8	85.6	84.8	83.8	84.2	84.9	85.8	86.3	87.6	* 88.9
Chemicals and products.....1923-25=100..	116.1	110.3	111.3	110.8	110.3	109.8	108.2	110.3	107.6	111.2	111.8	114.2	* 114.6
Chemicals.....1923-25=100..	119.9	108.5	107.7	107.2	106.6	105.9	105.4	106.9	108.3	112.2	113.9	118.1	* 120.0
Druggists' preparations.....1923-25=100..	97.1	97.4	97.1	96.8	97.3	95.4	96.8	96.9	100.2	100.4	101.0	101.7	* 96.4
Paints and varnishes.....1923-25=100..	114.3	108.0	108.9	110.2	109.7	109.6	107.3	107.3	111.4	110.4	111.1	113.1	* 114.4
Petroleum refining.....1923-25=100..	109.6	108.2	111.1	111.4	110.9	110.8	109.4	108.6	109.4	109.6	109.7	111.6	* 109.0
Rayon and products.....1923-25=100..	366.3	353.6	356.8	356.1	357.9	353.6	347.2	352.0	331.1	341.4	342.0	353.3	* 362.9
Food and products.....1923-25=100..	104.1	99.8	98.1	98.4	100.7	103.1	101.7	102.2	100.5	102.9	102.4	103.9	* 105.1
Baking.....1923-25=100..	116.5	112.6	112.8	111.8	112.4	113.6	114.2	115.2	115.3	114.8	114.6	114.9	* 116.9
Slaughtering, meat pack-													
ing.....1923-25=100..	90.4	79.7	79.1	82.0	80.7	82.4	80.3	82.4	83.4	83.8	84.6	89.7	* 91.7
Iron and steel and products.....1923-25=100..	87.1	74.1	75.9	77.1	77.9	77.6	75.9	76.1	77.9	80.1	82.2	85.1	* 88.2
Blast furnaces and steel works													
.....1923-25=100..	89.4	74.4	76.1	77.1	78.3	77.6	75.8	75.7	78.1	80.9	83.4	87.0	* 88.9
Structural and metal work.....1923-25=100..	78.1	57.0	57.7	58.4	57.1	58.9	59.4	62.3	65.3	69.5	72.2	73.8	* 77.5
Tin cans, etc.....1923-25=100..	108.6	99.4	100.7	99.6	96.6	97.9	95.5	96.9	95.4	97.6	99.2	100.3	* 103.5
Leather and products.....1923-25=100..	86.1	85.4	84.5	84.1	90.3	89.2	87.8	86.9	87.0	86.2	85.9	86.4	* 86.7
Boots and shoes.....1923-25=100..	83.1	83.1	81.4	80.2	88.0	87.5	86.4	85.4	85.2	84.0	83.4	83.8	* 83.9
Leather.....1923-25=100..	98.1	95.1	97.1	99.6	100.0	96.0	93.9	93.4	94.7	95.6	95.8	97.2	* 97.7
Lumber and products.....1923-25=100..	59.1	55.5	55.4	54.4	54.5	54.8	54.6	55.9	56.3	57.1	57.3	58.2	* 58.8
Furniture.....1923-25=100..	83.3	73.9	71.7	71.6	72.4	74.4	73.3	73.7	74.7	76.8	77.2	81.4	* 82.4
Millwork.....1923-25=100..	54.4	49.7	49.1	48.7	47.6	46.9	46.3	47.6	48.2	49.2	51.1	51.0	* 53.4
Sawmills.....1923-25=100..	37.1	36.2	37.0	35.7	35.8	36.0	35.8	37.3	37.7	37.8	37.5	37.6	* 36.7
Machinery.....1923-25=100..	101.7	88.8	90.6	93.0	93.9	94.6	93.6	94.9	97.0	99.6	100.7	101.1	* 100.8
Agricultural implements.....1923-25=100..	107.7	126.6	122.4	127.8	129.3	129.4	128.1	129.6	132.6	134.1	133.5	125.0	* 109.9
Electrical machinery, etc.....1923-25=100..	85.2	73.3	75.3	75.4	74.0	72.1	71.4	72.3	75.3	77.1	79.1	80.9	* 81.4
Foundry and machine-shop products													
.....1923-25=100..	91.0	75.8	77.4	79.1	80.9	80.3	79.6	80.4	82.4	84.8	86.1	88.2	* 89.2
Radio and phonographs.....1923-25=100..	196.4	190.9	196.8	222.3	225.4	253.1	239.0	248.8	239.0	256.4	267.7	244.0	* 231.8
Metals, nonferrous.....1923-25=100..	97.1	87.4	90.8	91.9	91.4	90.4	88.3	87.2	87.6	89.4	90.8	90.9	* 94.2
Brass, bronze, copper prod.....1923-25=100..	95.1	82.7	87.9	90.0	89.1	88.0	85.6	84.6	85.3	87.2	88.4	89.0	* 91.1
Stamped and enameled													
ware §.....1923-25=100..	116.2	107.9	112.6	116.3	118.3	114.2	107.9	105.1	109.7	109.3	112.2	110.7	* 114.7
Paper and printing.....1923-25=100..	102.1	97.6	97.8	97.4	98.0	96.8	98.0	97.9	99.0	99.6	99.2	98.9	* 100.8
Paper and pulp.....1923-25=100..	111.9	109.2	109.1	109.0	110.0	108.7	109.2	109.6	110.3	111.0	110.3	109.8	* 110.7
Railroad repair shops.....1923-25=100..	60.7	52.4	54.8	55.8	55.9	59.0	60.4	59.4	59.7	60.1	58.6	58.6	* 60.3
Electric railroads.....1923-25=100..	66.0	64.6	64.5	65.1	64.8	65.0	65.5	65.8	66.0	65.9	65.6	65.8	* 65.9
Steam railroads.....1923-25=100..	60.3	61.4	64.1	65.2	65.2	65.4	60.0	59.0	59.3	59.7	58.1	58.1	* 59.9
Rubber products §.....1923-25=100..	91.4	81.7	83.4	83.0	83.4	83.4	82.2	79.7	82.1	81.8	81.7	83.6	* 89.5
Rubber tires and tubes.....1923-25=100..	82.8	71.6	72.2	72.1	72.9	72.7	70.6	54.3	67.0	66.8	68.2	70.4	* 79.7
Stone, clay, and glass products													
.....1923-25=100..	60.0	53.9	54.6	56.1	56.4	55.8	54.0	55.2	57.1	58.2	58.3	60.5	* 60.4
Brick, tile, and terra cotta.....1923-25=100..	40.4	32.1	34.4	34.7	35.8	35.3	34.5	35.2	36.4	37.7	39.4	39.7	* 40.0
Cement.....1923-25=100..	58.5	48.9	50.9	49.2	47.4	42.8	42.7	47.3	52.6	56.7	55.3	55.8	* 57.4
Glass.....1923-25=100..	95.1	93.6	92.5	97.2	98.2	100.0	96.2	94.1	95.6	95.6	94.1	101.0	* 99.6
Textiles and products.....1923-25=100..	100.1	96.0	96.0	96.2	96.2	95.0	94.4	94.6	94.9	94.2	94.5	98.2	* 102.0
Fabrics.....1923-25=100..	97.0	93.2	93.6	94.4	94.7	93.0	92.0	91.6	91.3	90.7	91.8	95.9	* 98.7
Wearing apparel.....1923-25=100..	102.9	98.3	97.3	96.0	95.3	95.3	95.8	97.4	99.1	98.1	96.7	99.3	* 105.1
Tobacco manufactures.....1923-25=100..	58.4	57.3	57.4	57.0	58.0	56.0	55.2	56.4	56.2	57.0	57.2	57.8	* 59.7
Transportation equipment.....1923-25=100..	92.7	81.6	99.5	109.0	110.9	103.0	96.6	96.3	98.7	96.7	99.1	98.2	* 92.7
Automobiles.....1923-25=100..	96.2	91.0	113.8	125.1	128.0	117.4	108.7	106.3	108.0	105.2	108.2	106.4	* 96.8
Cars, electric and steam.....1923-25=100..	64.1	31.8	39.5	48.1	51.6	50.9	52.3	55.4	56.4	55.6	58.3	56.0	* 65.0
Shipbuilding.....1923-25=100..	106.8	81.1	85.3	85.6	82.9	81.4	78.0	86.1	93.7	95.7	94.7	99.0	* 102.7
Factory, by cities and States:													
Cities:													
Baltimore*.....1929-31=100..	91.5	84.5	84.4	82.9	81.9	80.8	82.0						

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

EMPLOYMENT CONDITIONS AND WAGES—Continued

EMPLOYMENT—Continued														
Factory, by cities and States—Continued.														
States—Continued.														
Maryland*	1929-31=100	98.9	92.3	92.1	90.4	89.7	88.4	88.3	90.5	93.1	94.2	93.9	95.5	93.0
New Jersey†	1923-25=100	83.1	78.0	80.0	80.6	79.1	76.3	76.1	76.4	77.0	77.7	79.3	78.7	80.8
New York	1925-27=100	83.2	76.8	77.8	76.9	76.2	75.2	75.3	77.2	77.4	77.5	76.8	77.4	79.7
Ohio	1926=100	(1)	93.1	93.8	96.0	94.2	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Pennsylvania†	1923-25=100	86.8	78.1	79.4	79.0	78.9	76.9	77.3	77.6	79.1	79.5	80.7	82.4	84.8
Wisconsin	1925-27=100	95.2	89.5	89.1	88.2	87.2	85.9	87.1	88.7	89.3	90.7	91.8	95.6	91.9
Nonmanufacturing (B. L. S.):														
Mining:														
Anthracite	1929=100	47.6	46.0	58.8	46.6	57.3	59.1	61.2	52.5	49.8	54.9	51.2	48.4	41.1
Bituminous coal	1929=100	78.1	77.1	74.3	76.1	79.1	79.8	80.2	80.4	77.5	76.2	75.7	75.5	76.8
Metalliferous	1929=100	62.8	48.9	51.6	52.6	53.5	54.2	55.5	55.9	57.5	60.8	61.9	61.3	61.6
Petroleum, crude production	1929=100	74.4	75.1	74.7	73.0	71.9	71.1	70.8	70.9	71.3	72.7	73.7	75.4	75.7
Quarrying and nonmetallic	1929=100	54.8	60.0	50.0	46.7	43.1	39.4	36.9	42.2	48.4	52.0	53.5	54.4	55.3
Public utilities:														
Electric light and power, and manufactured gas	1929=100	93.4	86.9	87.4	87.6	86.8	86.1	86.1	86.8	88.0	89.0	90.4	91.7	93.5
Electric railroads	1929=100	72.8	71.0	71.1	71.1	70.5	70.7	70.7	71.2	71.3	71.5	71.7	72.4	72.4
Telephone and telegraph	1929=100	73.7	70.4	70.0	69.8	69.6	70.1	69.9	70.2	70.8	71.6	72.1	73.1	73.5
Trade:														
Retail†	1929=100	86.8	81.8	83.8	84.6	92.9	80.4	79.7	81.9	85.2	85.0	85.5	83.2	82.4
Wholesale†	1929=100	87.7	83.7	85.7	86.4	86.8	85.6	85.0	85.6	85.7	84.6	84.6	85.4	86.2
Miscellaneous:														
Dyeing and cleaning*†	1929=100	86.6	82.1	80.4	76.3	73.4	71.5	70.3	74.7	81.8	87.3	87.5	85.5	83.6
Hotels†	1929=100	83.8	81.1	81.6	81.5	80.8	81.9	82.8	82.8	83.2	84.1	83.9	83.3	83.0
Laundries*†	1929=100	89.6	83.0	81.9	81.3	81.1	81.5	81.2	82.1	83.2	85.5	87.2	90.5	89.6
Miscellaneous data:														
Construction employment, Ohio														
1926=100	(1)	27.6	30.9	28.5	27.9	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Farm employees, average per farm* number	1.07	.98	(2)	.85	.62	.71	.74	.89	.90	1.00	1.01	.99	1.11	
Federal and State highway employment, total	414,147	340,073	323,374	290,523	252,229	202,884	200,451	227,586	287,478	374,191	423,466	435,971	433,533	
Construction*	262,375	183,886	176,050	151,385	130,539	97,089	80,674	94,200	144,173	209,835	258,103	271,015	274,651	
Maintenance*	151,772	156,187	147,324	139,138	121,690	105,795	119,777	133,386	143,305	164,356	165,363	164,956	158,882	
Federal civilian employees:														
United States	871,253	829,605	831,453	835,236	850,943	840,183	835,087	841,197	846,279	853,439	859,836	866,141	869,799	
Washington	114,611	108,952	110,009	110,745	111,692	111,954	112,304	112,370	115,073	116,857	117,103	116,022	115,569	
Railway employees, class I* thousands		1,013	1,021	1,001	987	991	1,042	1,032	1,061	1,080	1,089	1,097	1,102	
Trades-union members employed:														
All trades	87	80	80	80	77	78	78	79	82	83	83	83	83	86
Building trades*	76	55	53	54	52	50	48	51	59	66	72	73	75	
Metal trades*	88	80	81	81	82	83	83	83	85	86	88	89	88	
Printing trades*	89	85	86	87	86	85	87	87	88	89	88	88	88	
All other trades*	89	84	85	84	81	82	83	83	85	86	85	84	88	
On full time, all trades percent of total	66	59	59	58	56	56	57	58	61	61	60	64	63	
LABOR CONDITIONS														
Hours of work per week in factories:*†														
Actual, average per wage earner	40.6	37.7	38.5	38.6	38.7	38.4	38.1	38.7	39.5	39.4	39.4	39.2	40.0	
Industrial disputes in progress during month:†														
Number of disputes	345	311	332	274	210	247	247	301	298	318	274	299	340	
Man-days lost	1,120,000	3,027,040	1,562,908	1,003,852	660,911	632,705	747,819	1,330,788	692,824	986,981	1,279,274	1,075,000	891,000	
Workers involved	125,000	514,427	133,742	100,732	61,782	58,583	89,768	122,301	93,886	120,969	129,381	122,000	118,000	
Employment Service (United States):*														
Applications:														
In active file	6,837,054	8,747,852	8,796,750	8,456,718	9,025,963	9,083,717	9,252,657	9,312,517	9,044,859	8,812,290	6,498,076	6,726,328	6,823,904	
New	355,538	691,853	656,741	550,457	501,194	433,585	355,327	364,758	300,516	295,812	370,233	395,567	384,762	
Placements:														
Number†	434,374	396,340	561,717	684,329	799,927	522,762	387,279	442,331	454,826	468,588	473,141	437,837	436,093	
Per active applicant	.064	.045	.064	.081	.089	.058	.042	.047	.050	.053	.073	.065	.064	
Labor turn-over:†														
Accessions	5.09	4.95	5.23	3.63	3.30	3.65	2.95	3.97	4.46	4.05	4.49	4.94	4.72	
Separations:														
Discharged	.26	.19	.21	.20	.18	.20	.17	.19	.21	.20	.23	.23	.27	
Laid off	1.47	1.95	2.03	2.58	2.89	2.60	2.21	1.83	1.92	2.06	1.92	1.84	3.23	
Voluntary quits	1.57	1.05	.89	.77	.69	.71	.68	.86	1.16	1.06	1.13	1.15	1.23	
PAY ROLLS														
Factory unadj. (B. L. S.) *\$.	81.0	71.7	74.3	73.7	75.6	71.9	72.0	75.5	77.2	78.5	78.7	77.8	81.1	
Durable goods group* \$.	73.2	59.7	65.1	66.7	68.3	63.8	63.6	68.4	72.4	74.6	75.1	72.1	73.2	
Iron and steel and products														
Blast furnaces and steel works	81.1	62.7	65.5	65.1	68.8	64.4	65.2	69.9	73.9	76.9	78.5	75.8	80.7	
Structural and metal work	86.6	64.2	66.1	66.4	72.0	68.0	68.2	73.8	79.2	82.5	84.0	82.1	87.1	
Lumber and products														
Tin cans, etc.	71.5	45.6	46.0	44.7	45.0	45.3	44.8	49.9	54.7	60.7	65.1	66.1	70.6	
1923-25=100	119.0	105.7	100.2	91.5	91.5	90.9	86.1	94.5	94.3	98.6	102.1	102.4	113.2	
Furniture	53.9	47.3	48.6	45.0	44.2	41.1	41.1	44.6	46.3	48.1	49.4	48.5	52.7	
1923-25=100	71.8	60.2	63.0	59.3	58.4	51.8	54.3	55.7	56.2	56.7	59.3	60.5	69.1	
Millwork	48.8	40.8	41.9	39.6	39.0	36.1	35.9	39.2	41.2	43.9	45.9	44.2	48.9	
1923-25=100	31.6	29.4	29.5	26.5	25.9	25.2	24.6	28.0	29.7	31.3	31.4	30.0	31.4	
Sawmills	59.2	59.3	64.6	65.8	64.4	60.5	55.2	59.2	57.0	58.1	58.6	58.8	59.7	
Turpentine and rosin	1923-25=100													

* 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 goods 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. Data for class I railway employment for period July 1921-August 1936 are shown on p. 20 of this 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 1935 and p. 29 of the May 1935 issues. Data on Employment Service (U. S.) revised beginning July 1935. Revisions July 1935, applications in active file, 7,562,206, new applications, 863,930, placements, 283,760; August 1935, applications in active file, 8,277,774, new applications, 878,782, and placements 304,499.

‡ 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 the October 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					
	September	September	October	November	December	January	February	March	April	May	June	July

EMPLOYMENT CONDITIONS AND WAGES—Continued

PAY ROLLS—Continued														
Factory unadjusted—Continued.														
Durable goods group—Continued.														
Machinery.....	1923-25=100..	89.4	75.2	78.4	78.9	80.7	78.3	79.2	82.2	86.3	89.6	90.6	87.6	* 88.8
Agricultural implements.....	1923-25=100..	102.0	136.8	136.1	145.0	155.2	162.0	165.3	171.0	172.5	168.8	156.5	130.5	* 112.2
Electrical machinery, etc.....	1923-25=100..	74.2	62.1	65.2	64.6	65.1	61.3	61.0	63.7	68.6	71.1	73.0	72.6	72.4
Foundry and machine shop products.....	1923-25=100..	80.7	62.2	64.6	65.3	68.5	66.7	68.3	71.6	75.4	78.4	79.6	77.4	* 79.8
Radios and phonographs.....	1923-25=100..	168.5	166.3	185.8	179.8	143.7	126.2	114.0	109.7	118.0	141.9	162.0	149.9	* 172.2
Metals, nonferrous §.....	1923-25=100..	83.6	70.9	78.4	78.5	79.4	72.7	72.4	73.9	74.0	75.2	76.1	73.6	* 79.1
Aluminum manufactures §.....	1923-25=100..	84.8	69.6	76.0	77.0	76.7	74.6	76.7	79.9	78.7	78.8	80.9	82.5	86.1
Brass, bronze, copper products.....	1923-25=100..	83.1	65.8	72.5	72.9	73.4	71.3	70.3	69.9	70.8	73.3	73.2	72.3	78.1
Stamped and enameled ware §.....	1923-25=100..	96.2	89.8	90.9	101.0	102.8	90.8	90.7	96.4	101.1	97.3	98.8	91.9	* 98.0
Railroad repair shops.....	1923-25=100..	60.8	49.1	53.1	54.5	57.1	52.2	57.8	63.1	60.6	61.6	62.3	58.0	* 59.7
Electric railroads.....	1923-25=100..	60.8	59.1	60.0	59.3	61.8	60.8	62.5	63.6	62.7	62.7	61.9	61.7	* 61.3
Steam railroads.....	1923-25=100..	60.9	48.5	52.7	54.2	56.9	51.7	57.6	63.2	60.6	61.6	62.4	57.8	* 59.7
Stone, clay, and glass products.....	1923-25=100..	51.3	42.2	44.5	43.0	44.6	38.0	38.7	43.5	46.9	49.3	49.5	48.8	* 51.5
Brick, tile, and terra cotta.....	1923-25=100..	31.4	22.5	24.0	23.4	23.3	20.0	19.4	22.4	25.8	29.5	31.4	31.3	* 32.2
Cement.....	1923-25=100..	49.3	35.2	35.1	33.3	31.1	23.4	23.8	31.8	38.3	44.0	45.5	46.9	* 48.7
Glass.....	1923-25=100..	91.3	85.6	90.9	91.2	94.2	82.3	83.8	89.1	92.1	93.0	91.9	89.1	* 94.2
Transportation equipment.....	1923-25=100..	76.8	60.0	78.6	92.1	92.9	86.2	77.8	87.7	100.8	102.4	99.5	93.3	* 82.3
Automobiles.....	1923-25=100..	76.7	64.6	87.5	104.5	103.8	95.7	83.9	94.4	109.1	111.1	107.1	99.5	* 83.4
Cars, electric and steam.....	1923-25=100..	71.9	31.0	38.7	44.6	51.9	48.7	47.9	59.8	68.1	67.2	70.2	65.7	* 75.7
Shipbuilding.....	1923-25=100..	93.0	65.6	70.4	72.5	77.2	77.2	75.3	85.0	93.6	95.6	91.8	92.5	* 91.5
Non-durable goods group* §.....	1923-25=100..	91.0	* 87.0	* 86.1	* 82.7	* 85.2	* 82.3	* 82.7	* 84.7	85.6	83.4	83.3	85.2	* 91.4
Chemicals and products.....	1923-25=100..	108.6	99.0	100.6	99.1	100.8	97.9	97.5	102.4	101.3	102.9	102.6	103.5	* 105.2
Chemicals.....	1923-25=100..	115.7	98.8	100.1	101.9	102.1	99.7	99.9	103.0	104.9	107.0	108.9	110.5	* 113.2
Druggists' preparations.....	1923-25=100..	100.8	97.3	99.9	94.7	97.2	95.3	94.2	100.0	98.0	95.9	93.3	94.6	* 98.8
Paints and varnishes.....	1923-25=100..	103.2	89.5	94.8	94.0	93.7	91.8	93.5	95.9	100.7	106.0	106.6	100.4	* 100.1
Petroleum refining.....	1923-25=100..	106.5	102.8	102.2	98.8	104.0	90.5	98.5	103.0	101.7	103.4	105.6	107.8	* 105.5
Rayon and products.....	1923-25=100..	286.6	264.1	263.5	263.3	268.0	264.4	260.8	267.3	254.9	250.0	262.4	272.8	* 284.4
Food and products.....	1923-25=100..	112.7	105.5	98.0	91.9	90.5	87.3	84.7	87.5	87.7	92.7	95.8	103.6	* 110.4
Baking.....	1923-25=100..	109.0	101.6	100.8	99.7	99.4	90.0	99.8	100.9	100.4	104.1	106.0	106.9	* 107.1
Beverages.....	1923-25=100..	204.3	171.0	157.7	151.2	147.4	147.0	143.3	162.4	168.0	192.9	198.6	239.7	* 213.3
Slaughtering, meat packing.....	1923-25=100..	84.0	74.1	75.6	77.7	79.7	81.6	73.8	74.1	73.6	77.6	80.2	85.6	* 86.4
Leather and products.....	1923-25=100..	77.7	76.9	73.8	66.6	75.4	79.1	79.8	75.5	69.9	65.9	66.7	76.5	* 82.8
Boots and shoes.....	1923-25=100..	70.6	71.1	65.9	56.1	66.7	72.7	74.5	69.7	62.4	56.8	58.2	70.8	* 77.7
Leather.....	1923-25=100..	100.5	95.2	99.4	101.4	103.7	99.6	96.6	93.8	94.5	95.9	94.6	94.7	* 99.0
Paper and printing.....	1923-25=100..	93.1	86.2	88.2	85.0	91.8	88.2	88.9	90.5	91.1	91.9	90.5	87.7	* 90.6
Paper and pulp.....	1923-25=100..	96.0	90.7	93.3	91.7	94.4	91.7	93.4	94.9	96.2	97.0	95.8	93.2	* 97.6
Rubber products §.....	1923-25=100..	86.0	68.3	70.8	70.3	74.5	70.2	69.8	63.0	74.0	76.8	79.9	77.0	* 84.0
Rubber tires and tubes.....	1923-25=100..	79.6	59.0	59.0	59.9	63.8	60.2	47.4	63.2	68.2	70.9	70.9	70.0	* 78.1
Textiles and products.....	1923-25=100..	82.6	84.6	84.5	79.7	81.9	79.1	81.1	84.3	80.0	77.0	75.7	76.2	* 86.0
Fabrics.....	1923-25=100..	81.5	80.4	83.3	82.6	85.3	80.0	79.9	80.0	78.3	76.4	76.5	78.4	* 84.3
Wearing apparel.....	1923-25=100..	79.9	87.8	81.8	69.2	70.5	72.6	78.6	87.6	78.7	73.8	69.6	67.4	* 84.2
Tobacco manufactures.....	1923-25=100..	51.4	49.4	50.5	48.9	49.6	41.7	43.4	44.9	42.6	46.8	48.3	49.2	* 51.5
Factory by cities:														
Baltimore*.....	1920-31=100..	95.9	81.6	80.4	79.3	80.0	78.1	80.3	80.9	85.6	91.3	92.9	92.7	* 85.3
Chicago*.....	1925-27=100..	58.4	48.8	49.6	48.9	50.6	51.2	51.1	52.2	52.3	54.2	55.7	56.4	* 58.5
Milwaukee*.....	1925-27=100..	90.3	82.6	82.7	84.5	86.7	84.5	81.2	87.0	89.3	89.5	91.5	87.6	* 89.5
New York*.....	1925-27=100..	69.0	67.1	68.7	63.4	64.5	63.6	63.9	69.1	65.0	63.4	61.2	62.4	* 68.1
Philadelphia*†.....	1923-25=100..	87.7	79.6	81.0	79.7	80.4	78.2	80.0	76.8	78.7	79.3	81.1	82.1	* 88.3
Pittsburgh*†.....	1923-25=100..	98.3	67.0	76.2	74.5	74.5	71.4	73.9	75.5	88.7	90.3	94.4	93.3	* 96.6
Factory by States:														
Delaware†.....	1923-25=100..	91.7	70.5	70.4	69.2	72.3	71.9	70.5	69.9	70.8	73.5	76.9	70.4	* 87.6
Illinois▲.....	1925-27=100..	66.9	55.6	56.9	56.5	58.4	57.4	58.3	60.8	61.3	62.8	64.4	63.8	* 66.4
Maryland.....	1929-31=100..	85.5	85.5	84.9	82.5	83.9	81.9	83.3	84.4	88.4	93.2	94.3	94.2	* 89.4
Massachusetts†.....	1925-27=100..	70.3	64.8	65.9	62.4	66.8	64.8	65.9	65.3	66.0	65.4	64.0	66.6	* 70.1
New Jersey†.....	1923-25=100..	71.8	64.8	67.6	68.1	68.1	65.2	65.0	66.4	66.4	68.8	70.0	69.4	* 72.0
New York.....	1925-27=100..	72.3	65.9	66.3	64.3	65.9	64.4	64.5	67.2	66.4	68.6	66.3	67.5	* 71.0
Pennsylvania†.....	1923-25=100..	82.5	65.0	70.3	68.5	68.3	66.0	67.2	69.0	72.8	74.4	76.2	* 81.7	
Wisconsin.....	1925-27=100..	82.7	78.1	77.1	75.8	77.3	75.2	74.0	79.2	79.0	80.4	81.8	79.7	* 82.6
Nonmanufacturing (B. L. S.):														
Mining:														
Anthracite.....	1929=100..	31.9	38.2	55.9	28.4	55.4	54.4	76.7	42.6	28.6	56.3	42.0	37.2	31.4
Bituminous coal.....	1929=100..	71.0	60.1	69.8	65.5	69.5	70.6	78.4	70.2	62.6	62.2	61.5	62.6	65.8
Metalliferous.....	1929=100..	49.7	35.4	38.7	39.6	43.2	41.7	42.8	45.1	45.5	47.7	48.2	46.1	48.1
Petroleum, crude production.....	1929=100..	60.1	60.9	57.9	57.2	59.9	55.7	55.7	56.0	57.1	58.0	58.9	60.7	60.6
Quarrying and nonmetallic.....	1929=100..	44.6	35.4	36.5	32.1	29.7	25.5	23.9	30.9	36.1	42.1	44.0	43.9	46.2
Public utilities:														
Electric light and power and manufactured gas.....	1929=100..	90.6	84.5	84.4	83.4	86.0	84.8	84.7	85.9	86.2	87.0	88.1	89.8	89.9
Electric railroads.....	1929=100..	66.5	64.0	64.1	63.8	66.1	65.0	68.3	67.8	65.9	66.1	66.8	66.5	66.4
Telephone and telegraph.....	1929=100..	78.2	73.8	74.9	74.9	75.6	75.0	76.2	77.2	76.0	78.5	77.4	79.9	81.0
Trade:														
Retail.....	1929=100..	66.6	62.5	63.2	63.4	69.3	62.1	61.6	63.5	65.3	65.8	66.4	65.1	64.4
Wholesale.....	1929=100..	70.6	67.2	66.8	66.9	68.6	66.6	66.6	69.0	67.9	68.2	68.4	69.0	69.6
Miscellaneous:														
Dyeing and cleaning*†•.....	1929=100..	66.1	63.1	61.1	55.4	52.9	51.6	49.0	56.4	64.1	72.2	69.2	64.8	63.2
Hotels†.....	19													

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

EMPLOYMENT CONDITIONS AND WAGES—Continued

	1936		1935				1936							
	September	October	September	October	November	December	January	February	March	April	May	June	July	August
WAGES—EARNINGS AND RATES														
Factory, weekly earnings (25 industries):* †														
All wage earners.....dollars..	25.12	22.54	23.13	23.32	23.38	23.40	23.14	23.67	24.33	24.41	24.45	24.23	24.66	
Male:														
Skilled and semiskilled.....dollars..	28.17	24.98	25.83	26.08	26.32	26.40	26.05	26.43	27.18	27.32	27.31	26.88	27.48	
Unskilled.....dollars..	20.28	18.68	19.33	19.46	19.40	19.01	18.68	19.14	19.60	19.67	19.74	19.56	20.04	
Female.....dollars..	15.87	15.55	15.59	15.59	15.72	15.12	15.38	15.24	15.15	14.98	15.00	15.14	15.93	
All wage earners.....1923=100..	94.4	84.7	86.9	87.6	87.9	87.9	87.9	87.0	89.0	91.4	91.7	91.9	92.7	
Male:														
Skilled and semiskilled.....1923=100..	91.4	81.1	83.8	84.6	85.4	85.7	84.6	85.8	88.2	88.7	88.6	87.2	89.2	
Unskilled.....1923=100..	90.9	83.8	86.8	87.3	87.1	85.3	83.8	85.9	88.0	88.3	88.6	87.8	89.9	
Female.....1923=100..	92.1	90.2	90.4	90.4	91.2	87.7	89.2	88.4	87.9	86.9	87.0	87.8	92.4	
Factory, av. hourly earnings (25 industries):* † ‡														
All wage earners.....dollars..	.619	.601	.602	.605	.604	.608	.608	.611	.613	.616	.617	.617	.616	
Male:														
Skilled and semiskilled.....dollars..	.687	.665	.665	.667	.667	.673	.674	.676	.680	.684	.685	.684	.683	
Unskilled.....dollars..	.496	.492	.496	.501	.500	.492	.489	.493	.496	.498	.498	.498	.495	
Female.....dollars..	.430	.435	.435	.435	.433	.431	.430	.429	.430	.432	.429	.428	.429	
Factory, weekly earnings, by States:														
Delaware.....1923-25=100..	81.0	77.3	80.1	82.5	85.1	84.4	83.4	83.1	84.6	85.8	85.8	84.4	82.2	
Illinois.....1925-27=100..	83.1	79.2	80.9	80.0	82.2	81.7	81.9	84.2	83.5	84.2	85.0	84.1	84.4	
Massachusetts*†.....1925-27=100..	88.1	86.8	86.1	81.8	87.4	87.1	87.4	87.2	88.5	88.3	87.2	88.3	89.6	
New Jersey.....1923-25=100..	96.4	92.7	94.2	94.4	96.2	95.4	95.4	97.1	97.9	99.0	98.6	98.5	99.5	
New York.....1925-27=100..	87.0	85.7	85.2	83.7	86.4	85.7	85.6	87.0	85.7	85.9	86.3	87.2	89.0	
Pennsylvania.....1923-25=100..	93.4	82.9	87.1	86.0	86.3	85.0	85.9	87.7	91.9	92.6	93.2	91.5	95.0	
Wisconsin.....1925-27=100..	86.3	85.9	84.8	84.5	87.9	86.2	83.4	88.4	87.9	87.7	88.0	83.2	89.4	
Miscellaneous data:														
Construction wage rates:§														
Common labor (E. N. R.)...dol. per hour..	.569	.529	.529	.528	.528	.547	.547	.547	.552	.558	.564	.554	.569	
Skilled labor (E. N. R.)...dol. per hour..	1.16	1.08	1.10	1.10	1.10	1.12	1.12	1.13	1.13	1.14	1.14	1.15	1.16	
Farm wages, without board (quarterly) dol. per month	32.84	30.38			28.63			30.87			32.21			
Railways, wages (average)*...dol. per hour..	.678	.678	.667	.682	.686	.682	.695		.670	.670	.663	.664	.665	
Road-building wages, common labor:#														
United States.....dol. per hour..	.42	.42	.42	.42	.41	.40	.38	.37	.38	.42	.42	.42	.41	
East North Central.....dol. per hour..	.58	.54	.54	.55	.55	.58	.60	.62	.57	.56	.54	.56	.54	
East South Central.....dol. per hour..	.31	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	
Middle Atlantic.....dol. per hour..	.47	.43	.44	.44	.44	.44	.46	.48	.46	.45	.46	.46	.47	
Mountain States.....dol. per hour..	.56	.57	.57	.57	.56	.55	.54	.55	.57	.56	.56	.56	.57	
New England.....dol. per hour..	.48	.46	.46	.47	.48	.48	.50	.50	.52	.48	.47	.50	.49	
Pacific States.....dol. per hour..	.56	.57	.58	.59	.60	.57	.59	.57	.55	.55	.55	.54	.51	
South Atlantic.....dol. per hour..	.32	.31	.32	.32	.33	.31	.33	.32	.33	.34	.33	.33	.32	
West North Central.....dol. per hour..	.50	.47	.48	.48	.48	.48	.49	.47	.46	.48	.49	.49	.50	
West South Central.....dol. per hour..	.34	.36	.36	.36	.36	.37	.36	.36	.37	.36	.36	.36	.34	
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..	315	328	363	387	397	384	377	359	344	331	316	316	308	
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..														
Own bills.....mills. of dol..	276	301	339	358	368	353	340	321	310	297	276	278	279	
Purchased bills.....mills. of dol..	139	148	178	182	183	181	172	150	143	155	129	131	140	
Held by others.....mills. of dol..	137	154	161	175	185	172	108	171	167	142	147	147	139	
Com'l paper outstanding.....mills. of dol..	197	183	180	178	172	178	176	180	174	184	169	187	205	
Agricultural loans outstanding:														
Farm mortgages:														
Federal land banks.....mills. of dol..	2,068	2,047	2,059	2,066	2,072	2,066	2,059	2,060	2,062	2,063	2,064	2,065	2,067	
Joint stock-land banks.....mills. of dol..	142	190	184	180	176	170	166	162	158	154	151	147	145	
Land-bank commissioner's.....mills. of dol..	834	765	777	786	795	803	811	818	823	827	827	829	832	
Federal intermediate credit bank loans to and discounts for:▲														
Regional agricultural credit corp's and production credit ass'ns...mills. of dol..	139	115	101	100	105	105	111	123	133	140	144	146	144	
All other institutions.....mills. of dol..	48	60	53	50	49	48	49	50	52	53	53	53	53	
Other loans:														
Agricultural marketing act revolving fund loans to cooperatives†.....mills. of dol..	49	47	46	45	44	44	44	44	44	42	45	44	44	
Banks for cooperatives, incl. Central Bank*.....mills. of dol..	56	43	48	51	50	47	43	41	40	40	40	43	44	
Emergency crop loans*.....mills. of dol..	110	122	114	109	107	105	104	104	112	114	114	112	111	
Prod. cred. ass'ns*.....mills. of dol..	122	101	93	92	94	96	103	116	128	135	139	141	136	
Regional ag. credit corp.*.....mills. of dol..	31	59	52	46	43	41	41	40	39	38	36	35	33	

* 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 October 1, 1936—common labor, \$0.583; skilled labor, \$1.18.
 # 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. Data on railway wages for period July 1921-August 1936 are shown on p. 20 of this 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 the October 1936 issue.
 ® Basic rate for common labor.

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

FINANCE—Continued

BANKING—Continued													
Bank debits, total.....mills. of dol.	33,248	29,031	32,577	32,227	36,360	35,424	31,572	37,496	34,783	33,225	37,505	34,816	31,469
New York City.....mills. of dol.	15,656	14,014	15,733	15,542	17,684	17,925	15,806	19,629	17,286	16,227	18,623	16,199	14,363
Outside New York City.....mills. of dol.	17,592	15,017	16,844	16,685	18,676	17,499	15,766	17,867	17,497	16,998	18,882	18,617	17,106
Brokers' loans:													
Reported by N. Y. Stock Exchange													
mills. of dol.	971	781	792	846	938	925	924	997	1,064	970	989	967	974
Ratio to market value.....percent.	1.76	1.93	1.84	1.88	2.00	1.84	1.81	1.93	2.23	1.94	1.94	1.79	1.79
By reporting member banks:													
To brokers and dealers in N. Y.*													
mills. of dol.	972	846	779	850	980	893	898	990	1,032	1,154	973	907	958
To brokers and dealers outside N. Y.*													
mills. of dol.	222	169	152	173	183	171	171	220	209	238	253	220	205
Federal Reserve banks:													
Assets, total.....mills. of dol.	11,862	9,872	10,416	10,780	11,026	11,058	11,094	11,127	11,184	11,266	11,574	11,629	11,621
Reserve bank credit outstanding													
mills. of dol.	2,473	2,477	2,482	2,480	2,486	2,479	2,482	2,473	2,475	2,474	2,473	2,462	2,470
Bills bought.....mills. of dol.	3	5	5	5	5	5	5	5	5	5	3	3	3
Bills discounted.....mills. of dol.	9	10	6	6	5	9	7	8	5	5	4	4	8
United States securities.....mills. of dol.	2,430	2,430	2,430	2,430	2,431	2,430	2,430	2,430	2,430	2,430	2,430	2,430	2,430
Reserves, total.....mills. of dol.	8,659	6,838	7,285	7,566	7,835	8,006	8,021	8,027	8,049	8,132	8,385	8,503	8,579
Gold reserves.....mills. of dol.	8,397	6,633	7,053	7,347	7,571	7,668	7,685	7,680	7,717	7,837	8,119	8,210	8,312
Liabilities, total.....mills. of dol.	11,862	9,872	10,416	10,780	11,026	11,088	11,094	11,127	11,184	11,266	11,574	11,629	11,621
Deposits, total.....mills. of dol.	6,844	5,613	5,990	6,166	6,386	6,617	6,535	6,497	6,524	6,574	6,585	6,758	6,800
Member bank reserves.....mills. of dol.	6,357	5,254	5,648	5,835	5,587	5,860	5,784	5,087	5,486	5,719	5,633	6,005	6,410
Excess reserves (est.).....mills. of dol.	1,840	2,600	2,970	3,100	2,844	3,084	2,986	2,305	2,664	2,866	2,717	3,029	1,950
Notes in circulation.....mills. of dol.	4,049	3,474	3,532	3,647	3,709	3,633	3,732	3,764	3,762	3,795	4,034	3,978	4,018
Reserve ratio.....percent.	79.5	75.3	76.4	77.1	77.6	78.1	78.1	78.2	78.3	78.4	79.0	79.2	79.3
Federal Reserve reporting member banks:†													
Deposits:													
Demand, adjusted†.....mills. of dol.	15,116	13,246	13,598	14,018	13,887	14,017	14,090	13,578	14,258	14,580	14,679	14,850	14,867
Time.....mills. of dol.	5,063	4,890	4,899	4,872	4,911	4,888	4,900	4,909	5,047	5,035	5,011	5,015	5,032
Investments.....mills. of dol.	13,929	12,390	12,476	12,480	12,646	12,996	13,047	13,452	13,522	14,159	14,159	14,084	13,809
U. S. Gov., total direct obligations*													
mills. of dol.	9,236	8,183	8,177	8,301	8,468	8,655	8,690	8,643	8,802	8,909	9,510	9,456	9,263
U. S. Gov. guaranteed issues*													
mills. of dol.	1,256	1,094	1,133	1,137	1,126	1,172	1,201	1,265	1,281	1,305	1,289	1,272	1,236
Other securities*.....mills. of dol.	3,337	3,113	3,166	3,042	3,052	3,169	3,156	3,321	3,369	3,308	3,360	3,356	3,310
Loans, total.....mills. of dol.	8,753	8,030	7,902	8,152	8,249	7,999	7,959	8,392	8,343	8,626	8,460	8,294	8,454
Acceptances and commercial paper*													
mills. of dol.	311	324	329	353	362	360	349	352	346	315	315	319	318
On real estate*.....mills. of dol.	1,139	1,144	1,146	1,140	1,136	1,142	1,146	1,144	1,141	1,147	1,145	1,144	1,145
To banks.....mills. of dol.	112	87	81	150	76	65	66	88	67	92	62	58	65
On securities.....mills. of dol.	3,242	3,095	3,006	3,108	3,274	3,128	3,117	3,313	3,304	3,486	3,319	3,173	3,177
Other loans*.....mills. of dol.	3,949	3,380	3,340	3,401	3,401	3,304	3,291	3,495	3,485	3,586	3,619	3,600	3,749
Interest rates:													
Acceptances, bankers' prime.....percent.	3½	¼	¼	¼	¼	¼	¼	¼	¼	¼	¼	¼-½	¼
Bank rates to customers:*													
In New York City.....percent.	2.40	2.72	2.72	2.77	2.61	2.64	2.56	2.61	2.54	2.51	2.44	2.44	2.42
In eight other northern and eastern cities.....percent.	3.45	3.75	3.75	3.63	3.67	3.62	3.63	3.60	3.47	3.45	3.51	3.61	3.47
In twenty-seven southern and western cities.....percent.	4.29	4.51	4.55	4.51	4.55	4.47	4.51	4.44	4.40	4.43	4.39	4.35	4.25
Call loans, renewal.....percent.	1.00	.25	.29	.75	.75	.75	.75	.75	.75	.93	1.00	1.00	1.00
Com'l paper, prime (4-6 mos.).....percent.	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾
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 I and 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.	1¼	¼	¼	1	1	1	1	1	1	1-1¼	1¼	1¼	1¼
Savings deposits:													
New York State Savings banks													
mills. of dol.	5,223	5,170	5,161	5,154	5,187	5,177	5,177	5,204	5,175	5,165	5,210	5,197	5,197
U. S. Postal Savings:													
Bal. to credit of depositors.....thous. of dol.	1,250,720	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	1,231,646	1,244,232	1,249,214
Bal. on deposit in banks.....thous. of dol.	147,788	318,513	305,778	293,598	286,588	243,702	224,497	220,578	216,124	211,251	203,010	155,028	149,132
FAILURES‡													
Commercial failures:													
Grand total.....number	586	787	1,056	898	910	1,077	856	946	830	832	773	639	655
Commercial service, total.....number	39	46	58	47	53	59	41	47	38	35	43	34	37
Construction, total.....number	43	38	74	58	84	51	36	51	32	46	36	42	36
Manufacturing, total.....number	107	143	210	169	180	174	137	158	161	146	143	131	104
Chemicals and drugs.....number	2	9	6	8	10	10	3	2	5	5	11	4	6
Foods.....number	33	45	57	38	35	40	34	50	37	33	35	37	30
Forest products.....number	14	6	16	12	11	19	13	11	12	11	11	6	6
Fuels.....number	1	5	6	1	7	-----	3	3	4	2	3	6	1
Iron and steel.....number	8	5	13	9	8	8	6	5	7	9	5	6	6
Leather and leather products.....number	3	8	10	10	7	8	4	9	7	8	8	8	2
Machinery.....number	6	3	12	11	8	5	12	6	2	6	7	5	7
Paper, printing, and publishing													
number	7	12	13	10	12	12	8	17	13	17	13	7	10

*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 1934 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 1935" 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 references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936		1935				1936					
	September	September	October	November	December	January	February	March	April	May	June	July

FINANCE—Continued

FAILURES†—Continued													
Commercial failures—Continued.													
Grand total—Continued.													
Manufacturing, total—Continued.													
Stone, clay, and glass products													
number.....	1	1	5	5	6	5	1	7	4	1	2	6	2
Textiles.....	20	30	48	39	47	39	30	27	48	26	27	22	18
Transportation equipment.....	2	2	6	3	1	4	2	3	2	8	1	2	3
Miscellaneous.....	10	17	18	23	28	25	21	23	18	21	20	22	13
Wholesale trade, total.....	69	71	81	65	75	89	98	88	93	72	72	67	70
Retail trade, total.....	328	489	633	559	548	704	544	602	506	533	479	366	408
Liabilities:													
Grand total.....	9,819	17,002	17,185	14,384	15,686	18,104	14,089	16,271	14,157	15,375	9,177	9,904	8,271
Commercial service, total.....	557	2,602	1,187	731	2,909	1,867	404	650	494	688	638	1,314	502
Construction, total.....	1,148	1,185	2,792	2,948	1,971	2,435	1,819	4,484	1,570	4,816	1,050	1,873	1,498
Manufacturing, total.....	3,212	2,840	4,984	3,954	4,358	5,834	3,360	4,371	4,959	2,709	2,541	2,347	1,852
Chemicals and drugs.....	148	260	122	442	196	184	12	21	108	90	95	51	225
Foods.....	487	1,029	1,038	967	645	1,588	1,164	707	762	389	569	329	340
Forest products.....	377	71	1,026	195	905	925	340	248	169	264	394	62	209
Fuels.....	45	58	77	4	831	99	21	122	94	78	84	84	35
Iron and steel.....	190	65	210	52	198	95	227	90	154	124	162	586	112
Leather and leather products.....	208	275	175	143	71	403	49	51	140	108	244	128	33
Machinery.....	403	30	168	404	128	61	125	218	93	128	228	129	205
Paper, printing, and publishing.....	258	94	466	129	186	102	246	322	1,020	374	147	112	176
Stone, clay, and glass products.....	5	8	268	63	109	265	4	146	808	4	7	94	12
Textiles.....	848	617	1,171	715	763	1,779	828	568	625	406	356	373	253
Transportation equipment.....	27	132	68	353	10	72	12	47	110	517	8	83	101
Miscellaneous.....	216	201	195	487	316	360	254	407	848	211	313	316	151
Retail trade, total.....	1,511	8,539	5,904	5,371	4,777	6,245	6,651	5,503	5,581	5,933	3,535	3,197	3,255
Wholesale trade, total.....	3,391	1,836	2,318	1,380	1,611	1,723	1,855	1,263	1,480	1,423	1,413	1,173	1,164
LIFE INSURANCE													
(Association of Life Insurance Presidents)													
Assets, admitted, total.....	\$18,701	\$18,804	\$18,922	\$19,008	\$19,139	\$19,233	\$19,354	\$19,435	\$19,530	\$19,640	\$19,775	\$19,875	\$19,875
Mortgage loans.....	\$4,445	\$4,431	\$4,408	\$4,377	\$4,349	\$4,313	\$4,279	\$4,256	\$4,234	\$4,220	\$4,198	\$4,188	\$4,188
Farm.....	\$818	\$817	\$809	\$804	\$796	\$786	\$773	\$765	\$759	\$752	\$746	\$739	\$739
Other.....	\$3,627	\$3,614	\$3,600	\$3,572	\$3,553	\$3,527	\$3,506	\$3,491	\$3,475	\$3,468	\$3,452	\$3,449	\$3,449
Bonds and stocks held (book value).....	\$8,644	\$8,802	\$8,893	\$9,110	\$9,191	\$9,211	\$9,412	\$9,508	\$9,639	\$9,794	\$9,908	\$10,015	\$10,015
Government.....	\$3,367	\$3,495	\$3,549	\$3,781	\$3,869	\$3,856	\$4,018	\$4,076	\$4,170	\$4,293	\$4,352	\$4,419	\$4,419
Public utility.....	\$1,960	\$1,978	\$2,026	\$1,996	\$1,980	\$1,969	\$2,022	\$2,043	\$2,049	\$2,060	\$2,105	\$2,130	\$2,130
Railroad.....	\$2,629	\$2,631	\$2,618	\$2,592	\$2,600	\$2,598	\$2,608	\$2,639	\$2,651	\$2,657	\$2,635	\$2,643	\$2,643
Other.....	\$687	\$698	\$700	\$740	\$742	\$758	\$764	\$760	\$770	\$786	\$816	\$823	\$823
Policy loans and premium notes.....	\$2,770	\$2,761	\$2,749	\$2,741	\$2,731	\$2,720	\$2,713	\$2,705	\$2,699	\$2,690	\$2,676	\$2,667	\$2,667
Insurance written:†													
Policies and certificates.....	952	941	1,228	1,046	1,033	948	1,149	1,113	1,096	1,080	1,045	1,003	1,003
Group.....	30	20	26	25	65	30	24	32	47	37	55	29	29
Industrial.....	725	716	934	775	692	703	769	890	868	821	805	767	771
Ordinary.....	198	204	267	246	276	215	202	227	216	229	238	224	202
Value, total.....	\$630,831	\$569,418	\$724,413	\$696,074	\$782,250	\$678,006	\$661,473	\$772,355	\$739,807	\$749,374	\$767,978	\$749,491	\$668,638
Group.....	\$35,601	\$22,501	\$31,338	\$36,981	\$74,600	\$40,981	\$30,498	\$56,213	\$37,214	\$59,130	\$42,095	\$79,323	\$39,540
Industrial.....	\$208,001	\$190,044	\$233,988	\$207,408	\$187,874	\$193,344	\$212,055	\$246,010	\$244,356	\$233,333	\$220,672	\$221,692	\$221,692
Ordinary.....	\$387,229	\$356,873	\$459,087	\$451,685	\$519,770	\$448,681	\$418,920	\$470,132	\$458,237	\$489,779	\$492,550	\$449,496	\$407,406
Premium collections†.....	\$223,811	\$244,678	\$249,538	\$348,175	\$283,709	\$250,063	\$259,941	\$248,049	\$250,655	\$251,841	\$255,954	\$235,996	\$235,996
Annuities.....	\$24,446	\$31,023	\$33,194	\$64,250	\$61,896	\$25,538	\$30,781	\$30,487	\$30,380	\$27,571	\$32,673	\$26,182	\$26,182
Group.....	\$8,527	\$8,546	\$8,515	\$10,682	\$10,836	\$9,451	\$9,790	\$10,679	\$9,365	\$9,700	\$10,047	\$9,054	\$9,054
Industrial.....	\$53,941	\$49,790	\$54,002	\$94,212	\$53,805	\$56,245	\$58,223	\$47,959	\$55,009	\$58,926	\$51,522	\$58,685	\$58,685
Ordinary.....	\$136,887	\$155,319	\$153,827	\$179,031	\$167,172	\$158,809	\$161,147	\$158,924	\$155,901	\$155,644	\$161,712	\$142,075	\$142,075
(Life Insurance Sales Research Bureau)													
Insurance written, ordinary, total.....	426	414	502	495	576	479	460	525	506	504	533	513	452
Eastern district.....	168	168	215	208	233	203	198	222	210	211	224	208	175
Far Western district.....	49	44	51	51	64	49	47	56	56	54	58	57	56
Southern district.....	56	53	60	60	69	54	52	62	62	60	62	63	57
Western district.....	153	149	176	176	210	173	163	185	178	179	189	185	164
Lapse rates..... 1925-26=100.....					118						99		
MONETARY STATISTICS													
Foreign exchange rates:#													
Argentina.....	.336	.329	.327	.328	.329	.331	.333	.331	.330	.331	.334	.335	.335
Belgium.....	.169	.169	.168	.169	.169	.170	.170	.169	.169	.169	.169	.169	.169
Brazil.....	.086	.083	.084	.084	.084	.084	.084	.085	.086	.086	.086	.085	.085
Canada.....	1.000	.993	.986	.989	.990	.999	1.001	.998	.995	.998	.997	.999	1.000
Chile.....	.052	.051	.051	.051	.051	.051	.051	.051	.051	.051	.051	.051	.052
England.....	5.04	4.93	4.91	4.92	4.93	4.96	5.00	4.97	4.94	4.97	5.02	5.02	5.03
France.....	.065	.066	.066	.066	.066	.066	.067	.066	.066	.066	.066	.066	.066
Germany.....	.401	.402	.402	.402	.402	.404	.407	.404	.402	.403	.403	.402	.402
India.....	.380	.372	.370	.371	.372	.375	.377	.375	.373	.375	.379	.379	.379
Italy.....	.079	.081	.081	.081	.081	.083	.084	.080	.079	.079	.079	.079	.079
Japan.....	.294	.289	.287	.287	.287	.290	.291	.289	.289	.291	.294	.294	.294
Netherlands.....	.667	.676	.677	.678	.678	.682	.687	.684	.679	.676	.677	.681	.679
Spain.....	.137	.137	.137	.136	.137	.137	.138	.137	.137	.136	.137	.137	.136
Sweden.....	.260	.254	.253	.254	.254	.256	.258	.256	.255	.256	.259	.259	.259
Uruguay.....	.797	.801	.802	.802	.802	.799	.803	.800	.798	.797	.798	.798	.797

† See footnote on p. 32 marked "S"
 † Revised series. For earlier data on insurance written and premium collections revised for period 1913-1936, see pp. 17, 18, and 19 of this issue. Admitted assets also revised, revisions not shown above 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. 86 and 87 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.

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

FINANCE—Continued

	1936		1935				1936						
	September	September	October	November	December	January	February	March	April	May	June	July	August
MONETARY STATISTICS—Continued													
Gold and money:													
Gold:													
Monetary stocks, U. S.....mills. of dol..	10,764	9,246	9,545	9,777	10,072	10,158	10,163	10,172	10,202	10,324	10,514	10,629	10,674
Movement, foreign:													
Net release from earmark.....thous. of dol..	-28,805	1,015	-1,864	573	1,250	-1,745	-9,506	969	-155	-3,246	-24,781	2,293	-11,945
Exports.....thous. of dol..	42	86	76	242	170	338	23,637	2,315	51	5	77	695	32
Imports.....thous. of dol..	171,866	156,805	314,424	210,810	190,180	45,981	7,002	7,795	28,106	169,957	277,851	16,074	67,524
Not gold imports, including gold released from earmark▲.....thous. of dol..	142,857	157,734	313,484	211,141	191,200	43,898	-26,141	6,449	27,900	166,706	252,993	17,672	55,547
Production, Rand.....fine ounces..	902,333	931,724	909,550	906,496	924,081	894,624	933,776	912,639	938,050	944,165	967,993	964,517	964,517
Receipts at mint, domestic.....fine ounces..	237,630	173,899	191,898	149,141	193,107	120,712	125,529	156,435	163,674	181,140	157,081	234,140	228,557
Money in circulation, total.....mills. of dol..	6,258	5,651	5,704	5,770	5,897	5,757	5,779	5,857	5,892	5,918	6,062	6,203	6,191
Silver:													
Exports.....thous. of dol..	264	1,472	260	512	769	253	141	237	535	203	197	138	143
Imports.....thous. of dol..	8,363	45,689	48,898	60,065	47,603	58,483	17,536	8,115	4,490	4,989	23,981	6,574	16,637
Price at New York.....dol. per fine oz..	.448	.654	.654	.654	.584	.473	.448	.448	.449	.449	.448	.448	.448
Production, world*.....thous. of fine oz..	19,111	17,121	15,854	22,781	19,501	20,652	21,259	19,497	10,722	21,354	19,872	1,682	1,543
Canada.....thous. of fine oz..	1,185	1,031	1,300	1,941	1,244	1,414	1,845	1,499	1,276	1,450	1,682	1,682	1,543
Mexico.....thous. of fine oz..	7,444	5,237	3,844	9,600	6,862	7,159	6,840	5,783	6,710	7,157	6,487	6,487	6,487
United States.....thous. of fine oz..	3,548	4,008	3,814	3,688	4,374	5,056	5,329	5,046	4,754	5,293	4,616	4,616	4,733
Stocks, refinery, end of month:													
United States.....thous. of fine oz..	1,691	1,076	538	1,058	1,109	1,873	1,757	1,834	1,316	1,151	1,191	1,535	1,535
Canada.....thous. of fine oz..	1,746	1,418	1,605	638	570	730	755	638	691	469	345	317	317
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				73.0			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			133.7		
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..	33,833	29,421	29,462	29,634	30,557	30,516	30,520	31,459	31,425	31,636	33,779	33,444	33,850
Expenditures, total (incl. emergency) ‡.....thous. of dol..	712,590	457,776	870,626	573,913	694,383	487,274	517,044	643,098	681,507	590,006	2,406,077	457,656	657,703
Receipts, total †.....thous. of dol..	528,129	586,339	288,867	284,636	479,722	279,556	250,705	779,521	258,759	274,415	564,167	322,726	366,126
Customs.....thous. of dol..	35,554	29,704	33,276	31,226	29,123	33,599	33,087	35,342	32,226	30,298	32,122	31,580	34,763
Internal revenue, total.....thous. of dol..	467,042	378,870	192,213	184,096	275,487	183,765	185,001	691,051	202,780	182,110	478,229	288,327	251,026
Income tax.....thous. of dol..	284,421	230,227	28,213	21,753	228,999	36,061	48,610	404,209	35,127	34,517	303,087	40,118	29,656
Taxes from:*													
Admissions to theaters, etc.....thous. of dol..	1,670	1,174	1,489	1,867	1,755	1,460	1,405	1,255	1,206	1,319	1,532	1,568	1,384
Capital stock transfers, etc.....thous. of dol..	1,932	2,925	2,132	2,894	3,818	2,871	4,033	3,911	2,992	2,357	1,565	1,654	2,346
Sales of produce (future delivery).....thous. of dol..	457	282	275	367	263	238	202	165	174	230	185	283	511
Sales of radio sets, etc.....thous. of dol..	683	339	643	571	730	601	424	336	321	221	423	596	496
Reconstruction Finance Corporation loans outstanding, end of month: †													
Grand total.....thous. of dol..	2,205,561	2,826,467	2,807,892	2,791,734	2,728,682	2,741,437	2,705,734	2,649,851	2,632,263	2,507,293	2,421,604	2,226,026	2,217,165
Total section 5 as amended.....thous. of dol..	748,411	1,059,333	1,029,430	1,000,703	965,523	928,583	905,253	852,120	846,209	836,510	818,426	769,261	763,294
Bank and trust companies, including receivers.....thous. of dol..	226,451	425,898	409,377	384,346	377,551	354,801	335,672	285,504	276,109	267,001	258,287	216,523	236,860
Building and loan associations.....thous. of dol..	3,378	8,909	8,308	7,803	7,274	6,699	6,028	5,557	5,194	4,919	4,026	3,814	3,853
Insurance companies.....thous. of dol..	4,429	17,137	9,967	9,344	6,185	6,060	5,852	5,747	5,297	5,180	5,115	4,972	4,890
Mortgage loan companies.....thous. of dol..	129,198	132,122	131,478	130,999	127,874	126,652	125,346	124,543	123,124	126,534	123,175	124,864	129,632
Railroads, incl. receivers.....thous. of dol..	349,261	412,903	412,805	412,765	396,250	393,712	390,199	389,239	394,168	393,027	388,432	350,841	350,948
All other under section 5.....thous. of dol..	35,784	62,365	57,496	55,442	50,389	40,660	42,156	41,643	40,872	39,974	39,391	38,247	37,311
Total Emergency Relief and Construction Act as amended.....thous. of dol..	577,607	746,799	751,448	758,389	732,718	769,321	771,248	775,237	769,567	688,518	628,682	564,487	570,670
Self-liquidating projects.....thous. of dol..	184,418	168,259	168,265	173,138	146,304	153,667	155,321	159,670	163,597	172,538	168,489	174,249	180,045
Financing of exports of agricultural surpluses.....thous. of dol..	47	14,300	14,300	14,300	14,027	14,027	14,027	13,584	47	47	47	47	47
Financing of agricultural commodities and livestock.....thous. of dol..	97,147	267,141	272,115	274,250	275,760	305,001	305,276	305,546	300,487	179,517	163,732	93,777	94,355
Amounts made available for relief and work relief.....thous. of dol..	295,995	297,099	296,768	296,701	296,727	296,626	296,625	296,436	296,436	296,416	296,414	296,414	296,223
Total Bank Conservation Act as amended.....thous. of dol..	702,151	904,030	906,561	907,049	897,016	904,685	887,636	877,327	877,035	872,194	821,704	722,910	706,395
Other loans and authorizations.....thous. of dol..	177,395	116,305	120,451	125,592	133,425	138,848	141,598	145,240	148,472	150,168	152,792	169,368	174,806

* 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 1928-August 1934 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, \$213,447 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, \$68,241 for February, \$157,326 for March, \$89,144 for April, \$96,103 for May, \$105,773 for June, \$65,219 for July, \$62,655 for August, \$62,936 for September, \$56,256 for October, \$65,780 for November, and \$70,889 for December. For 1936 include \$69,222 for January, \$43,460 for February, \$58,427 for March, \$155,254 for April, \$12,102 for May, \$41,856 for June, \$201,071 for July, \$37,993 for August, and \$34,434 for September, representing the increment resulting from reduction in weight of the gold dollar.
 * For earlier data on net gold imports see p. 20 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. 20 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					
	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July

FINANCE—Continued

CAPITAL FLOTATIONS														
New Security Registrations Fully Effective*														
(Securities and Exchange Commission)														
Estimated gross proceeds:														
Total.....	thous. of dol.	260,080	319,874	406,087	289,772	212,085	275,696	212,089	583,391	751,013	319,319	523,439	362,925	286,022
Common stock.....	thous. of dol.	76,140	62,151	25,425	55,309	41,286	27,278	27,113	81,519	168,638	88,913	120,487	84,056	92,750
Preferred stock.....	thous. of dol.	29,271	16,714	31,047	7,080	20,873	3,125	31,464	28,793	53,973	31,506	77,317	15,131	35,728
Certificates of participation, etc.	thous. of dol.	17,212	6,235	83,700	1,505	4,777	11,027	13,708	7,442	35,373	13,713	1,300	32,898	4,660
Debentures and short term notes	thous. of dol.	127,918	77,749	83,558	31,786	55,219	19,350	41,125	130,921	113,593	106,069	165,636	59,843	107,250
Secured bonds.....	thous. of dol.	9,539	157,026	182,357	194,093	89,930	214,916	98,679	334,716	379,436	79,118	159,700	170,987	45,634
Securities Issued														
(Commercial and Financial Chronicle)†														
Total, all issues.....	thous. of dol.	408,959	437,425	368,121	382,221	462,422	410,824	301,978	767,351	1,020,032	413,359	731,166	338,383	295,555
Domestic, total.....	thous. of dol.	408,959	437,425	368,121	382,221	462,422	410,824	301,978	743,851	988,532	413,359	731,166	338,383	295,555
Foreign, total.....	thous. of dol.	0	0	0	0	40,000	56,000	0	23,500	31,500	0	0	0	0
Corporate, total.....	thous. of dol.	250,050	275,854	252,395	250,503	167,355	273,907	194,613	594,853	687,751	304,993	527,630	294,393	232,438
Industrial.....	thous. of dol.	88,142	94,707	65,499	32,750	54,504	150,589	37,501	101,833	236,693	133,822	199,653	49,050	16,001
Investment trusts.....	thous. of dol.	4,500	0	4,000	0	2,000	0	0	0	0	4,800	0	7,125	0
Land, buildings, etc.....	thous. of dol.	0	475	482	600	250	250	5,250	0	0	148	1,903	1,000	973
Long-term issues.....	thous. of dol.	0	475	482	600	250	0	0	0	0	0	0	0	0
Apartments and hotels	thous. of dol.	0	0	0	0	0	0	0	0	0	0	0	0	0
Office and commercial.....	thous. of dol.	0	0	0	0	0	0	0	0	0	0	0	0	0
Public utilities.....	thous. of dol.	121,050	164,172	180,644	217,153	83,343	28,550	135,450	260,779	315,587	116,096	185,336	149,804	43,473
Railroads.....	thous. of dol.	24,475	16,500	0	0	21,090	94,519	0	223,391	122,197	48,727	106,797	49,690	51,500
Miscellaneous.....	thous. of dol.	11,983	0	1,770	0	6,168	0	16,413	8,850	13,273	1,400	33,943	37,724	120,492
Farm loan and Gov't agencies* Municipal, States, etc.....	thous. of dol.	0	12,700	38,962	17,254	121,500	200	10,200	20,000	198,718	9,671	94,429	2,050	7,800
Purpose of issue: New capital, total.....	thous. of dol.	158,909	148,871	76,704	114,464	133,567	88,717	97,165	128,999	102,063	98,694	109,107	41,910	15,317
Domestic, total.....	thous. of dol.	178,989	172,745	148,462	119,794	221,207	123,253	106,739	129,527	176,672	111,571	217,270	102,769	216,510
Corporate.....	thous. of dol.	178,989	172,745	148,462	119,794	221,207	115,253	106,739	129,527	176,672	111,571	217,270	102,769	216,510
Farm loan and Gov't agencies	thous. of dol.	4,590	45,087	73,003	33,289	66,738	72,935	13,473	58,816	127,879	37,608	151,874	69,809	170,799
Municipal, States, U. S. possessions, etc.....	thous. of dol.	0	0	15,000	0	40,290	0	4,000	11,000	0	5,900	1,000	0	0
Foreign.....	thous. of dol.	104,399	127,658	60,459	86,505	114,179	50,318	89,266	59,711	48,793	68,063	64,396	32,959	45,712
Refunding, total.....	thous. of dol.	0	0	0	0	0	8,000	0	0	0	0	0	0	0
Corporate.....	thous. of dol.	229,970	264,679	219,659	262,426	241,216	287,571	195,239	637,824	843,360	301,788	513,896	235,614	79,044
Type of security, all issues: Bonds and notes, total.....	thous. of dol.	175,460	230,677	179,392	217,215	100,617	200,973	187,141	536,037	559,872	267,385	375,756	224,583	61,639
Corporate.....	thous. of dol.	363,534	433,598	349,500	378,471	427,960	406,635	280,815	743,659	955,533	373,491	651,980	305,184	264,290
Corporate.....	thous. of dol.	204,625	272,027	233,774	246,753	132,893	273,907	173,450	594,853	623,252	265,125	448,444	261,194	201,173
Stocks.....	thous. of dol.	45,425	3,827	18,621	3,750	34,462	4,189	21,163	23,692	64,498	39,868	79,186	33,199	31,265
Bond Buyer														
State and municipals: Permanent (long term).....	thous. of dol.	156,922	115,116	70,228	137,145	126,454	93,726	94,561	120,085	111,974	96,396	118,102	43,968	67,548
Temporary (short term).....	thous. of dol.	51,473	81,713	124,087	16,061	30,298	118,586	22,800	37,219	74,814	10,700	91,889	22,746	18,201
COMMODITY MARKETS														
Volume of trading in futures:*														
Wheat.....	thous. of bu.	662,183	901,531	1,074,776	626,949	560,673	448,466	321,637	466,193	800,684	591,079	768,278	1,328,691	1,032,278
Corn.....	thous. of bu.	213,787	136,306	197,332	119,961	100,377	53,744	45,297	52,161	92,053	80,460	148,124	415,816	395,058
SECURITY MARKETS														
Bonds														
Prices: All listed bonds (N. Y. S. E.).....	dollars.	95.79	89.93	90.23	91.08	91.85	93.59	94.44	94.47	93.90	93.83	94.24	94.78	95.39
Domestic issues.....	dollars.	99.27	92.65	92.84	93.69	94.47	96.16	97.22	97.26	96.69	97.38	97.63	98.19	98.81
Foreign issues.....	dollars.	68.00	76.73	77.62	78.45	79.03	80.87	80.32	79.76	79.21	67.47	67.87	68.39	68.68
Domestic (Dow-Jones) (40) percent of par 4% bond..		101.19	81.82	79.51	83.52	86.50	92.72	96.41	96.50	94.97	94.88	96.11	97.35	99.38
Industrials (10) percent of par 4% bond..		105.18	88.87	89.77	92.38	97.56	102.88	103.57	101.76	101.39	101.09	102.09	103.68	104.06
Public utilities (10) percent of par 4% bond..		101.55	92.08	92.61	92.96	92.83	97.94	99.13	97.51	98.14	98.14	98.69	98.86	100.88
Rails, high grade (10) percent of par 4% bond..		128.37	113.83	112.55	114.32	116.92	120.77	123.69	126.34	126.22	126.90	127.15	126.58	126.98
Rails, second grade (10) percent of par 4% bond..		80.74	55.58	51.31	56.93	59.99	66.96	73.18	74.32	70.70	70.43	72.31	74.45	77.78
Domestic* (Stand. Stat.) (45) U. S. Government (Stand. Stat.)* Foreign (N. Y. Trust) (40)	dollars.	104.3	98.9	97.6	98.9	100.0	102.7	104.3	104.4	103.7	102.7	102.6	102.4	103.0
Sales on registered exchanges (Securities and Exchange Commission):* Total on all exchanges:*	thous. of dol.	287,861	271,503	302,178	296,212	314,083	443,264	395,266	336,206	251,878	208,596	283,772	292,443	221,368
Market value.....	thous. of dol.	378,520	333,012	387,152	405,138	448,712	622,546	511,121	410,410	301,433	249,620	332,383	350,594	275,306
On New York Stock Exchange:† Market value.....	thous. of dol.	240,020	217,726	229,642	217,954	239,442	338,695	305,052	261,553	197,277	163,983	231,088	238,071	179,534
Par value.....	thous. of dol.	322,469	262,489	291,123	304,219	352,057	492,214	402,610	323,695	236,792	197,217	271,044	287,510	225,927
Sales on the New York Exchange excl of stopped sales‡ (Dow-Jones): Par value:	thous. of dol.	1,087,961	249,795	275,727	301,977	314,429	476,137	175,145	2,275,275	774,052	231,827	2,586,314	291,650	224,923
Liberty and Treasury bonds	thous. of dol.	914,000	64,422	51,997	19,252	20,464	33,118	10,000	1,809,000	180,000	0	2,135,000	0	0

1 Discontinued by the reporting source.

* 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

FINANCE—Continued

	1936		1935				1936							
	September	September	October	November	December	January	February	March	April	May	June	July	August	
SECURITY MARKETS—Continued														
Bonds—Continued														
Value, issues listed on N. Y. S. E.:														
Par, all issues.....mills. of dol.	45,211	42,671	42,303	42,232	42,893	43,113	43,015	44,255	44,223	42,255	44,164	43,981	44,279	
Domestic issues.....mills. of dol.	40,178	35,391	35,054	34,987	35,619	35,851	35,934	37,196	37,150	37,242	39,128	38,947	39,241	
Foreign issues.....mills. of dol.	5,033	7,280	7,249	7,245	7,274	7,263	7,082	7,059	7,073	5,013	5,036	5,034	5,038	
Market value, all issues.....mills. of dol.	43,305	38,375	38,171	38,465	39,399	40,348	40,625	41,807	41,525	39,648	41,619	41,685	42,236	
Domestic issues.....mills. of dol.	39,883	32,789	32,543	32,781	33,650	34,475	34,936	36,177	35,922	36,266	38,201	38,242	38,776	
Foreign issues.....mills. of dol.	3,422	5,586	5,627	5,684	5,749	5,873	5,688	5,630	5,603	3,382	3,418	3,443	3,460	
Yields:														
Domestic (Standard Statistics) (60)†														
Industrials (15).....percent.	3.84	4.20	4.28	4.18	4.11	3.99	3.90	3.87	3.90	3.94	3.94	3.94	3.91	
Municipals (15)†.....percent.	4.40	4.54	4.51	4.42	4.44	4.29	4.27	4.32	4.38	4.45	4.44	4.45	4.42	
Public utilities (15).....percent.	2.62	3.08	3.16	3.02	2.97	2.93	2.86	2.78	2.76	2.76	2.72	2.70	2.68	
Railroads (15).....percent.	4.00	4.26	4.21	4.15	4.17	4.09	4.04	4.01	4.00	4.04	4.03	4.02	4.02	
Domestic, municipals (Bond Buyer) (20) percent.	4.33	4.90	5.12	5.12	4.87	4.63	4.43	4.37	4.45	4.52	4.56	4.58	4.52	
Domestic, U. S. Government:														
U. S. Treasury bonds*.....percent.	2.86	3.51	3.34	3.23	3.25	3.11	3.04	3.03	3.12	3.00	2.99	2.95	2.91	
Cash Dividend and Interest Payments and Rates														
Dividend payments (N. Y. Times)														
Industrial and miscellaneous	231,730	185,306	157,809	398,021	301,403	228,328	273,649	200,042	162,174	409,552	263,830	236,196	331,918	
Railroad	226,642	181,997	151,055	369,279	280,609	184,035	259,487	192,324	155,519	375,035	237,655	215,003	317,088	
Dividend payments and rates (Moody's):	5,088	3,308	6,754	28,742	20,794	44,035	14,162	7,718	6,655	34,517	26,175	21,193	14,830	
Dividend payments, annual payments at current rate (600 companies)														
Number of shares, adjusted.....mills. of dol.	1,539.6	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	1,517.4	
Dividend rate per share, weighted average (600)	923.99	918.42	918.42	923.92	923.92	923.92	923.92	923.92	923.92	923.92	923.92	923.92	923.94	
Banks (21).....dollars.	1.67	1.34	1.35	1.40	1.41	1.42	1.45	1.46	1.47	1.50	1.51	1.58	1.64	
Industrial (492).....dollars.	3.04	2.99	2.99	2.97	2.98	2.98	2.98	2.98	2.98	2.98	3.00	3.00	3.00	
Insurance (21).....dollars.	1.98	1.17	1.19	1.26	1.26	1.28	1.32	1.33	1.34	1.38	1.41	1.48	1.56	
Public utilities (30).....dollars.	2.13	2.23	2.23	2.23	2.37	2.39	2.39	2.39	2.39	2.39	2.03	2.09	2.09	
Railroads (36).....dollars.	1.99	1.83	1.83	1.83	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.95	1.96	
Prices:														
Dow-Jones:														
Industrials (30).....dol. per share.	167.8	131.5	130.4	144.3	141.8	145.9	151.8	155.9	155.8	149.3	155.2	162.3	165.9	
Public utilities (20).....dol. per share.	34.5	25.7	26.0	28.9	28.8	30.9	32.5	30.9	31.7	30.0	32.3	34.6	34.7	
Railroads (20).....dol. per share.	55.8	36.0	33.8	37.0	40.3	43.3	48.5	48.0	47.2	44.5	47.0	51.5	54.0	
New York Times (50).....dol. per share.	133.48	105.78	108.16	113.80	111.27	116.06	120.00	120.95	121.63	119.46	124.28	130.74	131.55	
Industrials (25).....dol. per share.	222.54	185.20	189.58	197.63	190.86	197.67	201.17	203.97	206.14	203.36	211.69	221.15	220.56	
Railroads (25).....dol. per share.	44.42	28.37	26.74	29.97	31.69	34.46	38.84	37.94	37.10	35.57	36.88	40.33	42.55	
Standard Statistics (419)†.....1926=100.	114.1	85.0	85.2	93.3	95.3	100.1	106.1	108.7	108.9	101.0	105.6	109.2	113.0	
Industrials (347)†.....1926=100.	130.2	97.5	98.5	107.4	109.2	114.5	120.9	124.6	125.3	116.2	120.6	124.3	128.4	
Public utilities (40)†.....1926=100.	107.7	81.9	81.0	90.1	91.6	97.0	102.8	102.8	101.5	94.7	102.0	105.8	108.8	
Railroads (32)†.....1926=100.	55.4	37.0	34.3	37.6	41.4	43.8	49.1	49.2	48.9	45.0	47.7	50.7	53.9	
Banks, N. Y. (19)†.....1926=100.	75.1	56.6	55.8	63.5	69.1	70.5	65.8	66.4	64.1	62.6	65.0	72.1	76.5	
Fire insurance (18)†.....1926=100.	94.1	93.0	92.8	96.0	101.7	107.5	106.8	102.1	96.8	94.2	95.2	96.1	96.5	
Sales:														
Market value of shares sold:														
All registered exchanges, total*														
On New York Stock Exchange *	1,882,203	1,407,019	1,912,161	2,250,677	1,979,149	2,439,219	2,503,129	2,429,960	1,936,193	1,223,444	1,164,147	2,057,845	1,657,152	
Volume of shares sold:														
On all registered exchanges, total*	1,387,139	1,241,475	1,659,690	1,952,075	1,738,247	2,069,564	2,140,084	2,092,308	1,679,839	1,077,672	1,002,190	1,526,176	1,248,924	
On New York stock exchange, *	59,627	59,433	81,106	99,564	82,870	119,592	120,963	101,923	77,916	47,110	43,937	64,728	50,937	
Total (Sec. and Exch. Com.) †	44,535	46,531	62,555	77,474	63,344	87,502	85,305	75,532	56,935	35,943	31,897	48,272	37,109	
Total excl. of odd lot and stopped sales (New York Times).....thous. of shares.	30,872	34,748	46,663	57,463	45,590	67,211	60,871	51,025	39,616	20,615	21,428	34,787	26,564	
Values, and shares listed, N. Y. S. E.:														
Market value all listed shares.....mills. of dol.	55,105	40,479	43,002	44,951	46,946	50,165	50,202	51,668	47,774	49,998	50,912	54,067	54,532	
Number of shares listed.....millions.	1,348	1,307	1,307	1,309	1,318	1,321	1,323	1,330	1,337	1,339	1,340	1,341	1,344	
Yields:														
Preferred, Standard Statistics:														
Industrials, high grade (20).....percent.	5.03	5.19	5.19	5.12	5.11	5.10	5.05	5.02	5.04	5.06	5.04	5.03	5.02	
Stockholders (Common Stock)														
American Tel. & Tel. Co., total.....number.	645,457	664,095	-----	-----	657,651	-----	-----	653,435	-----	-----	649,876	-----	-----	
Foreign.....number.	7,540	7,816	-----	-----	7,825	-----	-----	7,859	-----	-----	7,804	-----	-----	
Pennsylvania Railroad Co., total.....number.	221,327	230,086	-----	-----	227,251	-----	-----	225,120	-----	-----	223,844	-----	-----	
Foreign.....number.	3,076	3,126	-----	-----	3,111	-----	-----	3,101	-----	-----	3,087	-----	-----	
U. S. Steel Corporation, total.....number.	173,633	187,533	-----	-----	184,680	-----	-----	181,493	-----	-----	177,758	-----	-----	
Foreign.....number.	3,866	3,979	-----	-----	3,925	-----	-----	3,870	-----	-----	3,941	-----	-----	
Shares held by brokers.....percent of total.	23.51	20.40	-----	-----	21.56	-----	-----	21.75	-----	-----	22.72	-----	-----	

FOREIGN TRADE

Value:	INDEXES												
Exports, unadjusted.....1923-25=100..	58	52	58	71	59	52	48	51	51	53	49	47	47
Exports, adjusted for seasonal variation													
1923-25=100..	55	50	48	62	56	51	53	51	53	56	55	54	51
Imports, unadjusted.....1923-25=100..	67	50	59	52	58	58	60	62	63	59	59	60	60
Imports, adjusted for seasonal variation													
1923-25=100..	70	53	58	52	58	57	60	55	58	58	62	65	62
Quantity exports:													
Total, agricultural products:													
Unadjusted.....1910-14=100..	64	87	128	96	64	51	51	44	45	40	27	33	33
Adjusted*.....1910-14=100..	59	64	98	78	57	55	52	52	54	52	39	40	40
Total, excluding cotton:													
Unadjusted.....1910-14=100..	62	61	74	49	43	37	41	34	33	31	30	30	39
Adjusted*.....1910-14=100..	48	53	68	45	42	40	41	36	35	35	31	33	39

* Revised.
 † 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 1928-34; 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 1935 is due to stopped and odd lot sales being included in the figures of the Securities and Exchange Commission. These are excluded in the figures reported by the New York Times.

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

FOREIGN TRADE—Continued

VALUE \$	1935												
Exports, incl. reexports.....thous. of dol.	220,149	198,189	221,238	269,310	223,514	197,958	181,838	194,792	192,629	200,666	184,908	179,828	178,314
By grand divisions and countries:													
Africa.....thous. of dol.	6,279	8,878	9,427	9,093	7,700	8,307	10,553	9,215	9,326	8,628	10,562	8,828	8,828
Asia and Oceania.....thous. of dol.	37,400	34,143	51,055	50,946	40,290	32,553	38,332	39,337	38,902	38,766	35,725	33,570	33,570
Japan.....thous. of dol.	16,996	16,402	26,945	26,885	18,753	13,251	16,401	16,211	14,680	13,627	11,975	10,764	10,764
Europe.....thous. of dol.	96,926	115,315	144,510	110,183	91,669	83,697	82,932	78,247	78,097	69,400	64,462	69,978	69,978
France.....thous. of dol.	7,316	10,746	18,817	15,701	11,666	9,794	8,388	6,511	7,301	8,893	6,448	8,484	8,484
Germany.....thous. of dol.	8,891	9,885	14,363	12,327	7,136	8,803	9,489	7,787	7,240	6,541	7,041	5,280	5,280
Italy.....thous. of dol.	4,786	6,529	9,125	7,944	5,420	7,571	5,891	4,827	5,697	4,299	2,873	2,840	2,840
United Kingdom.....thous. of dol.	53,513	59,098	62,481	41,823	37,863	32,304	32,012	27,954	30,450	27,066	27,381	33,223	33,223
North America, northern.....thous. of dol.	28,063	31,084	28,170	22,157	27,300	25,638	27,945	32,128	37,500	35,498	32,016	32,251	32,251
Canada.....thous. of dol.	27,418	30,349	27,473	21,729	26,990	25,275	27,556	31,557	36,933	34,875	31,296	31,516	31,516
North America, southern.....thous. of dol.	15,700	18,090	18,628	17,229	16,990	16,281	19,393	17,992	18,535	16,789	17,819	18,528	18,528
Mexico.....thous. of dol.	4,916	5,817	5,353	6,025	5,642	5,277	15,301	15,488	15,801	15,828	19,243	15,159	15,159
South America.....thous. of dol.	13,821	13,728	17,517	13,406	14,217	15,301	6,395	4,631	4,507	4,662	5,957	4,124	4,124
Argentina.....thous. of dol.	4,143	3,436	4,948	3,556	3,784	4,154	3,876	4,109	3,704	4,475	3,757	3,500	3,500
Brazil.....thous. of dol.	3,196	3,414	4,637	3,276	3,956	4,214	4,109	3,704	4,475	3,757	3,500	3,500	3,500
Chile.....thous. of dol.	1,283	1,089	1,698	1,216	1,193	1,254	1,274	1,592	1,676	982	1,540	1,071	1,071
By economic classes:													
Exports, domestic.....thous. of dol.	217,535	195,537	218,138	266,730	220,677	195,085	179,195	192,081	189,498	196,913	180,601	176,397	175,556
Crude materials.....thous. of dol.	72,819	68,677	82,604	112,678	82,855	59,770	50,654	44,486	46,431	42,627	39,310	30,379	38,127
Raw cotton.....mills. of dol.	38.2	31.8	45.9	75.1	58.8	35.7	26.4	26.3	22.8	22.9	19.7	10.8	12.4
Foodstuffs, total.....thous. of dol.	23,349	22,399	23,695	20,720	19,697	15,863	14,763	16,818	14,199	15,925	14,509	15,036	19,675
Foodstuffs, crude.....thous. of dol.	5,697	7,074	7,974	5,925	5,161	4,314	4,020	5,087	4,949	4,621	4,402	3,774	5,725
Foodstuffs, mfgd.....thous. of dol.	17,652	15,325	15,721	20,855	14,536	11,549	10,743	11,761	9,250	11,304	10,107	11,262	13,950
Fruits and prep.....mills. of dol.	10.4	11.8	12.5	13.8	9.4	6.3	6.3	6.8	5.5	5.3	4.1	5.0	8.7
Meats and fats.....mills. of dol.	3.0	2.6	1.8	4.2	3.3	3.3	3.5	3.5	3.3	4.2	4.0	3.1	3.1
Wheat and flour.....mills. of dol.	2.4	1.3	1.5	1.4	1.3	1.2	1.4	1.4	1.5	1.3	1.3	1.7	1.7
Manufactures, semi.....thous. of dol.	31,860	29,309	30,291	34,319	31,792	28,621	28,319	32,696	33,802	35,115	34,167	33,282	32,287
Manufactures, finished.....thous. of dol.	89,508	75,152	81,545	92,953	86,894	96,831	86,059	98,652	100,676	103,245	92,674	97,701	85,467
Autos and parts.....mills. of dol.	12.5	13.3	14.1	21.9	19.7	22.1	22.1	23.0	23.0	22.5	19.1	16.9	12.4
Gasoline.....mills. of dol.	5.5	6.1	5.1	6.7	7.5	5.1	3.6	3.3	5.1	5.6	4.4	5.0	5.0
Machinery.....mills. of dol.	27.3	20.5	23.5	20.5	22.5	25.5	24.6	27.9	30.7	29.6	26.0	29.3	25.2
Imports, total #.....thous. of dol.	215,645	161,653	189,240	169,386	186,564	187,449	192,776	198,683	202,789	191,110	190,387	194,114	202,375
Imports for consumption*.....thous. of dol.	218,370	163,689	183,658	162,805	179,686	186,351	194,281	199,787	188,421	193,622	195,516	199,950	199,950
By grand divisions and countries: #3													
Africa.....thous. of dol.	2,424	2,579	3,235	3,714	4,212	4,483	4,936	5,801	4,236	2,907	2,845	3,519	3,519
Asia and Oceania.....thous. of dol.	52,380	57,319	46,230	53,693	56,977	58,590	57,455	65,671	58,857	60,706	66,901	62,930	62,930
Japan.....thous. of dol.	13,888	16,594	14,106	14,213	15,086	14,435	12,926	15,246	12,163	11,003	12,306	17,384	17,384
Europe.....thous. of dol.	52,915	65,053	55,009	56,019	53,493	51,612	55,491	51,637	53,722	55,193	56,637	59,749	59,749
France.....thous. of dol.	4,796	7,565	5,433	5,168	5,539	4,321	5,347	4,538	4,556	4,578	4,829	5,778	5,778
Germany.....thous. of dol.	7,326	7,762	6,738	8,152	5,729	5,659	6,710	5,870	5,741	6,080	7,439	6,332	6,332
Italy.....thous. of dol.	2,924	4,723	4,528	3,553	2,749	2,586	2,947	3,017	3,286	3,517	3,274	3,045	3,045
United Kingdom.....thous. of dol.	14,895	15,826	14,214	13,577	15,990	16,132	16,730	14,712	14,513	14,676	14,317	15,877	15,877
North America, northern.....thous. of dol.	27,334	29,741	27,258	27,501	24,675	23,929	27,222	23,923	29,127	30,831	31,114	37,600	37,600
Canada.....thous. of dol.	26,708	28,573	26,676	27,320	24,272	22,926	26,836	26,710	28,744	30,347	30,708	37,083	37,083
North America, southern.....thous. of dol.	11,845	10,183	8,988	11,139	23,289	24,636	24,552	25,829	22,800	23,344	19,299	12,929	12,929
Mexico.....thous. of dol.	3,014	3,227	3,048	4,220	3,896	4,688	5,094	4,829	3,829	3,771	3,759	3,237	3,237
South America.....thous. of dol.	21,791	24,813	22,068	23,121	23,794	27,247	24,945	23,925	19,671	20,591	19,721	23,361	23,361
Argentina.....thous. of dol.	4,970	5,251	4,498	5,154	4,862	4,638	5,198	5,223	3,827	3,404	3,490	4,488	4,488
Brazil.....thous. of dol.	8,205	9,934	8,530	9,414	9,158	11,053	9,466	7,216	6,550	6,739	7,785	7,785	7,785
Chile.....thous. of dol.	1,515	1,344	2,424	1,969	1,421	3,787	2,748	3,442	2,867	1,611	1,735	1,901	1,901
By economic classes: #3													
Crude materials.....thous. of dol.	69,437	49,844	55,398	46,405	55,737	58,412	58,613	37,749	62,676	55,071	54,612	56,022	61,663
Foodstuffs, crude.....thous. of dol.	31,063	23,633	29,492	24,942	27,116	26,543	23,745	31,221	28,690	21,759	22,803	24,529	28,627
Foodstuffs, manufactured.....thous. of dol.	33,149	20,742	22,256	18,909	17,712	28,793	31,547	32,338	37,035	34,080	36,065	34,726	27,630
Manufactures, semi.....thous. of dol.	40,817	38,422	38,587	36,305	42,768	39,639	40,960	36,127	37,577	38,456	43,056	42,660	40,814
Manufactures, finished.....thous. of dol.	43,934	36,027	43,955	36,606	36,253	32,954	30,625	36,847	34,409	39,056	36,996	38,579	41,356

TRANSPORTATION AND COMMUNICATIONS

TRANSPORTATION												
Express Operations												
Operating revenue.....thous. of dol.	8,053	8,029	7,936	8,586	7,745	7,708	8,245	8,396	8,579	8,435		
Operating income.....thous. of dol.	142	137	140	141	143	127	126	123	110	123		
Electric Street Railways												
Fares, average (268 cities).....cents.	8,075	8,101	8,101	8,101	8,101	8,101	8,100	8,092	8,092	8,092	8,092	8,075
Passengers carried.....thousands.	801,368	685,430	764,558	742,270	799,787	797,242	780,142	814,298	790,696	788,307	758,943	704,466
Operating revenues.....thous. of dol.	50,323	55,442	53,788	58,138	57,874	56,443	58,752	57,627	57,426	55,553	53,553	52,612
Steam Railways												
Freight carloading (F. R. B.):												
Index, unadjusted.....1923-25=100.	82	70	73	67	62	63	65	62	66	71	72	75
Coal.....1923-25=100.	80	66	76	64	79	88	106	60	64	65	61	65
Coke.....1923-25=100.	83	56	61	62	73	80	89	56	58	70	69	73
Forest products.....1923-25=100.	50	44	43	39	37	38	37	42	42	46	48	50
Grain and products.....1923-25=100.	71	90	78	69	61	67	66	72	66	69	77	117
Livestock.....1923-25=100.	57	54	63	50	39	39	31	35	38	37	35	41
Merchandise, l. c. 1.....1923-25=100.	70	67	67	66	62	60	60	63	65	66	66	67
Ore.....1923-25=100.	150	90	27	32	14	15	15	15	27	107	130	139
Miscellaneous.....1923-25=100.	95	77	82	76	67	63	63	73	79	83	83	84
Index, adjusted.....1923-25=100.	72	62	64	66	71	70	70	66	69	70	70	73
Coal.....1923-25=100.	74	61	67	67	74	78	97	63	77	73	70	74

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

TRANSPORTATION AND COMMUNICATIONS—Continued

TRANSPORTATION—Continued														
Steam Railways—Continued														
Freight carloading (A. A. R.):														
Total cars [†]	thousands..	3,061	* 2,628	2,882	3,179	2,319	2,353	3,125	2,419	2,545	3,352	2,787	2,826	3,701
Coal.....	thousands..	531	* 445	544	625	522	587	906	423	445	557	426	434	605
Coke.....	thousands..	39	* 25	30	36	33	37	54	27	28	41	33	35	43
Forest products.....	thousands..	139	124	126	137	104	104	134	122	121	162	139	131	181
Grain and products.....	thousands..	127	162	148	157	109	121	151	136	123	155	140	212	217
Livestock.....	thousands..	73	* 70	87	81	51	52	53	48	50	61	47	52	77
Merchandise, l. c. l.....	thousands..	663	* 635	667	788	586	566	730	622	647	785	649	628	828
Ore.....	thousands..	226	* 140	130	67	21	23	28	24	35	187	202	209	271
Miscellaneous.....	thousands..	1,264	* 1,028	1,150	1,284	892	874	1,078	1,017	1,096	1,394	1,151	1,125	1,476
Freight-car surplus, total.....	thousands..	125	228	208	252	371	241	171	205	179	185	170	147	146
Box.....	thousands..	49	133	125	143	155	134	104	104	97	105	90	77	81
Coal.....	thousands..	23	59	48	65	68	47	22	61	42	41	44	37	30
Financial operations (Class I Railways):														
Operating revenues [†]	thous. of dol.	357,207	* 306,946	341,018	301,331	296,225	299,099	300,459	308,304	313,416	320,966	330,692	349,744	350,585
Freight.....	thous. of dol.	239,926	284,614	248,146	234,058	241,199	245,145	251,821	256,322	262,727	268,542	283,944	283,662	283,662
Passenger [†]	thous. of dol.	30,820	28,606	27,848	34,374	34,102	31,902	39,516	39,653	39,653	39,351	34,845	39,187	39,321
Operating expenses [†]	thous. of dol.	248,553	* 218,671	232,516	218,583	225,826	231,779	235,996	239,579	235,973	240,234	241,812	248,366	246,299
Net railway operating income [†]	thous. of dol.	70,166	* 57,819	75,425	54,234	46,404	35,765	33,595	35,296	41,548	41,842	50,313	61,774	64,681
Operating results (Class I Railways):														
Freight carried 1 mile.....	mills. of tons	27,715	31,200	27,468	26,175	27,858	29,153	27,992	28,145	29,594	28,760	32,076	32,076	32,076
Receipts per ton-mile.....	cents	.983	.999	.988	.987	.987	.960	.931	.991	1.015	.975	1.023	1.002	1.002
Passengers carried 1 mile.....	millions	1,660	1,475	1,436	1,787	1,695	1,582	1,539	1,573	1,578	1,941	2,261	2,261	2,261
Waterway Traffic														
Canals:														
Cape Cod.....	thous. of short tons	258	202	270	208	238	224	81	200	227	270	228	258	232
New York State.....	thous. of short tons	574	800	655	6	0	0	0	0	228	568	616	738	605
Panama, total [†]	thous. of long tons	2,526	1,994	2,229	2,050	2,188	2,149	2,155	2,634	2,420	2,420	2,460	2,450	2,396
U. S. vessels.....	thous. of long tons	1,054	907	983	843	852	775	813	951	1,023	940	989	976	1,058
St. Lawrence.....	thous. of short tons	1,139	983	992	865	44	0	0	0	187	1,390	1,207	997	1,069
Sault Ste. Marie.....	thous. of short tons	11,041	7,148	7,454	4,087	440	0	0	0	37	8,710	9,835	10,951	10,639
Suez.....	thous. of metric tons	1,956	2,225	2,355	2,023	2,043	1,864	2,149	2,091	2,215	1,981	2,150	2,150	2,150
Welland.....	thous. of short tons	1,407	1,180	1,150	1,313	157	0	0	95	1,618	1,444	1,322	1,366	1,366
Rivers:														
Allegheny.....	thous. of short tons	378	200	226	267	191	112	43	56	226	365	367	405	404
Mississippi (Government barges) [#]	thous. of short tons	127	143	154	149	98	98	192	149	158	269	155	143	* 138
Monongahela.....	thous. of short tons	2,569	1,239	1,414	1,707	1,664	1,270	547	1,327	1,928	2,361	2,457	2,564	2,623
Ohio (Pittsburgh to Wheeling).....	thous. of short tons	1,425	782	880	956	834	635	56	529	863	1,246	1,319	1,399	1,461
Ocean traffic: [†]														
Clearances, vessels in foreign trade.....	thous. of net tons	6,668	5,786	5,580	5,162	4,351	3,521	4,305	4,639	4,872	6,057	6,134	6,564	6,886
Foreign.....	thous. of net tons	4,696	3,831	3,670	3,331	2,948	3,184	3,019	3,225	3,329	3,501	4,121	4,418	4,694
United States.....	thous. of net tons	2,061	1,955	1,910	1,831	1,403	1,337	1,286	1,414	1,542	2,155	2,013	2,146	2,192
Shipbuilding. (See Trans. Equip.)														
Travel														
Airplane travel:														
Express carried*.....	pounds	652,930	417,223	488,019	361,839	400,061	354,301	353,293	535,736	483,505	483,798	701,142	613,837	565,358
Miles flown*.....	thous. of miles	5,756	5,360	5,288	4,301	4,429	4,245	3,958	4,800	4,885	5,511	5,420	6,043	6,046
Passengers carried*.....	number	102,239	77,370	70,924	50,534	53,507	44,061	41,330	70,926	71,449	96,368	97,453	111,072	106,143
Passenger-miles flown*.....	thous. of miles	43,520	32,024	28,788	20,837	23,046	18,933	18,122	31,730	30,326	40,097	40,252	44,364	43,109
Hotel business:														
Average sale per occupied room • dollars.....		3.09	2.94	2.99	3.12	2.95	2.94	3.01	2.89	3.00	2.85	2.97	2.98	3.10
Rooms occupied.....	percent of total	66	60	64	61	56	68	66	63	64	64	61	61	61
Foreign travel:														
Arrivals, U. S. citizens.....	number	50,177	27,479	14,202	13,648	16,674	20,991	30,678	24,808	20,010	21,038	30,346	61,230	61,230
Departures, U. S. citizens.....	number	39,007	24,159	19,678	12,781	17,130	21,189	26,081	24,149	21,686	22,732	36,361	57,067	57,067
Emigrants.....	number	4,430	3,382	3,708	2,984	2,980	1,923	2,108	2,134	2,643	2,527	2,780	3,004	3,004
Immigrants.....	number	3,679	4,288	2,856	2,797	2,540	2,252	2,591	3,016	3,067	3,008	3,571	3,891	3,891
Passports issued.....	number	6,564	4,814	4,174	4,202	4,121	5,098	4,918	8,071	15,509	27,725	31,305	16,980	18,198
National parks:														
Visitors.....	number	268,398	77,723	41,210	36,112	69,648	68,894	98,791	98,559	163,493	373,432	672,064	588,314	588,314
Automobiles.....	number	72,731	18,141	7,828	7,020	12,967	10,899	13,328	17,814	41,684	121,056	185,337	155,910	155,910
Pullman Co.:														
Passengers carried.....	thousands	1,364	1,278	1,246	1,409	1,533	1,359	1,312	1,353	1,295	1,430	1,516	1,565	1,565
Revenues, total.....	thous. of dol.	4,251	4,143	3,864	4,094	5,035	4,323	4,479	4,438	4,163	4,705	5,019	5,211	5,211
COMMUNICATIONS														
Telephones*:														
Operating revenues.....	thous. of dol.	82,653	86,328	85,330	86,111	86,783	85,364	88,909	88,754	89,209	89,650	91,129	89,571	89,571
Station revenues.....	thous. of dol.	53,923	56,245	56,732	56,055	57,167	56,329	57,594	57,667	57,864	57,673	57,681	56,727	56,727
Tolls, message.....	thous. of dol.	21,402	22,630	21,213	22,314	21,895	21,271	23,459	23,298	23,486	24,116	25,406	24,692	24,692
Operating expenses.....	thous. of dol.	57,394	59,321	59,741	60,685	59,498	57,649	59,582	59,543	59,614	59,778	62,136	59,960	59,960
Net operating income.....	thous. of dol.	16,964	18,529	17,366	17,367	17,291	17,746	19,165	18,818	19,182	19,268	18,298	18,553	18,553
Telephones in service, end of mo.....	thousands..	14,446	14,512	14,568	14,621	14,770	14,839	14,921	15,004	15,088	15,111	15,549	15,622	15,622
Telegraphs and cables:														
Operating revenues.....	thous. of dol.	9,375	9,830	9,096	10,245	9,223	8,973	10,046	9,996	9,907	10,551	10,534	10,121	10,121
Commercial telegraph tolls.....	thous. of dol.	7,198	7,545	6,882	7,951	7,120	6,851	7,757	7,742	7,787	8,244	8,258	8,258	8,258
Operating expenses.....	thous. of dol.	7,682	7,989	7,708	8,475	8,050	7,793	8,288	8,156	8,302	8,513	8,718	8,616	8,616
Operating income.....	thous. of dol.	1,306	1,452	1,002	1,377	744	760	1,326	1,407	1,292	1,603	1,349	1,988	1,988

* Revised. # Includes tonnage in both upper and lower Mississippi River. Revised figures prior to December 1934 will be shown in subsequent issue.
 † Revised series. For earlier data see p. 20 of the April 1934 issue for operating revenues, operating expenses, and net railway operating income of class I railways. For revisions of data for clearances of vessels in foreign trade, see p. 36 of the September 1934 issue. For revisions on Panama Canal from August 1914 to June 1935, see p. 19 of the September 1935 issue.
 • New series. Data on airplane travel covers scheduled air lines operating in United States. For data on passengers carried for period of 1926 to 1933 and passenger-miles flown from 1930 to 1933, see p. 20 of the February 1934 issue. For data on miles flown and express carried from 1926 through 1933, see p. 19 of the January 1935 issue. New series on telephones as compiled by Federal Communications Commission. Data supersede those published in previous issues of the Survey which covered all carriers having annual operating revenues in excess of \$250,000; present series for 1934 and 1935 are for 57 carriers representing about 95 percent of all carriers according to the 1932 census, based on revenues for all companies. Beginning January 1936, data are for 62 carriers representing about 95 percent. For revisions for January, February, and March for 1935 see p. 38 of the June 1935 issue. Beginning July 1936 data are for 82 companies. Comparable data for July 1935 are as follows: Total operating revenues, \$83,428,834; station revenues, \$54,234,380; message tolls, \$21,796,457; operating expenses, \$60,535,010; net operating income, \$14,771,409; stations in service, 14,770,549; for August 1935: Total operating revenues, \$83,738,403; station revenues, \$53,958,287; message tolls, \$22,467,697; operating expenses, \$59,090,556; net operating income, \$16,431,131; stations in service, 14,799,676.
 • This figure covers room revenue only.
 † Data for August, November 1935 and February, May and August 1936 are for 5 weeks; other months, 4 weeks.

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

CHEMICALS AND ALLIED PRODUCTS

CHEMICALS													
Alcohol:													
Denatured:													
Consumption (disposed of)													
thous. of wine gal.	8,478	10,064	17,947	10,816	7,950	6,143	5,954	5,645	5,942	6,864	7,302	6,117	6,949
Production	8,604	10,211	17,160	10,297	7,736	6,207	5,939	5,093	6,006	7,635	7,409	6,101	6,927
Stocks, end of month	2,756	3,148	2,351	1,836	1,632	1,739	1,718	1,767	1,836	2,607	2,707	2,666	2,635
Ethyl:													
Production	16,893	19,607	23,988	19,729	17,190	13,179	12,747	14,303	12,818	14,668	14,620	17,744	17,998
Stocks, warehoused, end of month	26,363	25,501	16,954	16,688	18,461	19,386	20,315	22,429	22,146	21,311	21,300	25,047	27,475
Withdrawn for denaturing													
thous. of proof gal.	15,298	17,660	20,193	17,509	12,921	10,493	9,860	9,512	10,295	13,109	12,665	10,591	12,458
Tax paid*	2,359	1,911	2,445	2,223	1,903	1,840	1,649	2,054	2,441	1,989	2,119	2,780	2,529
Methanol:													
Exports, refined	34,976	51,490	102,296	39,230	63,733	105,895	40,843	73,340	41,915	40,897	19,496	18,000	48,400
Price, refined, wholesale, N. Y.													
gallons	.38	.38	.38	.38	.38	.38	.38	.38	.38	.38	.38	.38	.38
dol. per gal.													
Production:													
Crude †	420,500	405,034	454,233	478,474	478,331	494,081	494,144	476,496	426,313	427,079	413,930	374,110	447,490
Synthetic	2,695,591	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	1,950,325	2,302,377
Explosives:													
Shipments †	34,151	27,940	29,498	26,876	25,500	28,492	28,825	25,514	27,483	30,394	31,471	30,484	32,567
Sulphur and sulphuric acid:													
Sulphur, production (quarterly)*													
long tons		352,690				374,276			359,608		384,671		
Sulphuric acid (104 plants):													
Consumed in production of fertilizer													
short tons	120,370	101,708	131,441	125,496	132,508	125,730	117,864	106,785	81,921	82,396	95,168	99,325	114,521
Price, wholesale, 66°, at works													
dol. per short ton	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50
Production	135,717	130,260	149,729	153,792	172,823	156,878	152,860	141,339	119,565	126,419	122,681	121,166	141,501
Purchases:													
From fertilizer mfrs.	32,304	35,742	33,296	35,134	30,185	24,932	13,352	15,722	10,721	13,518	15,437	29,712	30,065
From others	22,918	12,111	17,540	18,946	22,492	22,103	15,111	15,988	12,273	16,725	26,922	21,111	23,383
Shipments:													
To fertilizer mfrs.	24,103	30,888	28,031	29,525	38,363	35,007	20,921	20,227	13,258	20,870	18,129	22,106	31,221
To others	51,118	46,717	50,802	45,478	51,116	47,163	37,170	54,306	55,451	53,492	49,744	53,351	45,962
FERTILIZER													
Consumption, Southern States †													
thous. of short tons	145	95	151	86	124	341	545	1,402	1,023	249	84	44	61
Exports, total †	150,753	208,797	161,955	153,467	137,754	164,458	149,917	178,789	117,628	144,811	101,923	151,052	126,899
Nitrogenous †	14,470	28,507	34,219	36,216	17,723	34,025	36,326	31,552	17,515	19,767	7,400	13,311	9,131
Phosphate materials †	121,554	172,425	115,797	104,520	114,438	112,802	105,420	133,762	91,481	116,448	89,691	123,950	105,539
Prepared fertilizers	799	2,181	1,806	186	62	1,233	276	139	301	85	158	513	298
Imports, total †	72,382	51,317	71,956	155,686	143,580	149,473	218,892	173,708	189,085	140,334	75,888	64,619	64,514
Nitrogenous †	32,651	32,794	30,951	50,970	75,301	89,538	165,555	134,406	149,968	107,828	58,866	35,320	36,250
Nitrate of soda †	1,383	9,961	10,641	22,256	38,528	32,642	92,739	62,115	100,982	69,733	36,216	6,773	5,040
Phosphate †	2,494	1,206	4,104	4,166	8,075	4,299	6,332	4,252	3,308	7,348	4,619	1,779	4,450
Potash †	32,310	12,074	21,704	70,791	56,839	53,097	43,885	31,749	28,553	8,677	6,065	24,844	19,427
Price, nitrate of soda, 95 percent, N. Y.													
dol. per cwt.	1.325	1.275	1.275	1.275	1.275	1.275	1.285	1.325	1.325	1.325	1.325	1.325	1.325
Superphosphate, bulk:													
Production	297,090	226,317	281,992	288,307	320,800	298,073	259,374	257,728	216,558	203,945	225,485	243,162	256,792
Shipments to consumers	127,378	82,059	87,313	29,178	28,438	33,163	54,687	298,498	219,340	119,612	45,817	9,510	21,113
Stocks, end of month	874,588	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	845,381
NAVAL STORES													
Pine oil:													
Production	404,392	335,318	323,125	336,178	303,625	343,038	354,433	346,676	374,585	368,304	371,036	365,784	415,922
Rosin, gum:													
Price, wholesale "B", N. Y.													
dol. per hbl.	7.23	5.18	5.50	5.61	5.28	4.91	4.68	4.45	4.51	4.50	5.12	5.83	6.91
Receipts, net 3 ports	95,693	88,784	93,917	95,860	75,552	41,226	23,348	32,002	58,894	82,736	97,781	108,648	101,939
Stocks, 3 ports, end of month	194,883	310,697	306,958	334,226	315,021	271,749	222,638	156,291	144,782	144,258	156,592	173,946	188,065
Rosin, wood:													
Production	57,789	47,388	43,719	47,214	43,894	52,156	52,693	51,326	54,209	53,640	52,418	55,151	58,572
Stocks, end of month	77,767	86,455	76,311	72,861	72,901	80,278	83,021	83,346	87,257	93,152	92,945	79,128	76,110
Turpentine, gum:													
Price, wholesale, N. Y.													
dol. per gal.	.42	.45	.48	.49	.47	.48	.47	.42	.40	.38	.40	.42	.43
Receipts, net 3 ports	21,894	18,798	20,646	20,101	13,350	3,808	1,442	4,800	15,157	23,476	27,418	29,810	26,173
Stocks, 3 ports, end of month	114,127	131,273	134,539	142,625	145,216	135,959	125,285	114,789	99,320	99,562	105,141	108,550	113,983
Turpentine, wood:													
Production	8,578	7,550	6,910	7,474	7,355	9,042	8,740	8,580	8,662	8,636	8,093	8,523	8,785
Stocks, end of month	10,228	2,937	3,023	4,001	5,531	8,553	11,582	10,733	10,610	9,275	7,492	7,069	8,019
OILS, FATS, AND BYPRODUCTS													
Animal fats and byproducts and fish oils (quarterly):													
Animal fats: †													
Consumption, factory	245,453	203,048			210,541			176,605			208,694		
Production	375,493	275,430			319,916			384,461			396,857		
Stock, end of quarter	358,645	361,160			364,010			391,123			384,249		
Gelatin, edible:													
Production	3,701	2,853			5,323			5,597			5,656		
Stocks, end of quarter	7,317	6,841			7,987			8,590			8,853		
Greases: †													
Consumption, factory	53,265	45,324			52,121			46,813			46,611		
Production	82,139	64,399			68,942			71,650			75,208		
Stocks, end of quarter	64,321	66,856			63,645			68,243			69,354		
Lard compounds and substitutes: †													
Production	438,606	457,595			469,674			333,200			349,861		
Stocks, end of quarter	40,619	32,575			39,890			36,797			39,156		

* 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 for 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					
	Septem- ber	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.	77,074	63,346	-----	-----	67,328	-----	-----	65,874	-----	-----	67,334	-----
Production.....	thous. of lb.	82,201	67,249	-----	-----	117,078	-----	-----	45,364	-----	-----	12,006	-----
Stocks, end of quarter.....	thous. of lb.	155,492	187,916	-----	-----	212,667	-----	-----	205,121	-----	-----	147,700	-----
Vegetable oils and products:													
Vegetable oils, total:													
Consumption, factory (quarterly)†													
.....	thous. of lb.	718,747	609,071	-----	-----	1,004,980	-----	-----	854,835	-----	-----	688,802	-----
Exports.....	thous. of lb.	362	383	237	338	329	526	181	648	478	557	245	490
Imports#.....	thous. of lb.	62,429	92,174	87,810	79,966	114,354	94,611	77,068	82,003	107,837	87,928	75,455	84,853
Production (quarterly)†.....	thous. of lb.	484,565	456,913	-----	-----	950,784	-----	-----	707,370	-----	-----	400,555	-----
Stocks, end of quarter:†													
Crude.....	thous. of lb.	551,613	536,998	-----	-----	632,757	-----	-----	743,420	-----	-----	628,160	-----
Refined.....	thous. of lb.	288,572	355,800	-----	-----	477,563	-----	-----	593,446	-----	-----	492,852	-----
Copra and coconut oils:													
Copra:													
Consumption, factory (quarterly)													
.....	short tons.	49,164	48,424	-----	-----	66,737	-----	-----	56,394	-----	-----	56,449	-----
Imports#.....	short tons.	24,933	19,535	27,433	32,019	22,573	13,297	24,511	14,976	16,971	11,908	11,636	17,416
Stocks, end of quarter.....	short tons.	14,865	29,565	-----	-----	40,039	-----	-----	31,902	-----	-----	16,896	-----
Coconut or copra oil:													
Consumption, factory:													
Crude (quarterly)†.....	thous. of lb.	169,416	130,395	-----	-----	135,073	-----	-----	137,153	-----	-----	140,350	-----
Refined, total (quarterly)†.....	thous. of lb.	93,648	101,105	-----	-----	105,252	-----	-----	99,504	-----	-----	84,904	-----
In oleomargarine.....	thous. of lb.	13,964	16,771	16,372	15,275	15,024	17,646	27,198	13,289	12,334	9,979	9,735	9,554
Imports#.....	thous. of lb.	15,683	25,965	31,055	21,935	45,122	23,567	37,972	22,532	40,336	32,569	14,820	33,835
Production (quarterly):													
Crude.....	thous. of lb.	63,004	61,589	-----	-----	84,509	-----	-----	69,894	-----	-----	72,049	-----
Refined.....	thous. of lb.	95,678	91,345	-----	-----	93,066	-----	-----	87,262	-----	-----	83,629	-----
Stocks, end of quarter:†													
Crude.....	thous. of lb.	77,121	109,836	-----	-----	127,904	-----	-----	129,419	-----	-----	129,894	-----
Refined.....	thous. of lb.	14,241	23,560	-----	-----	23,992	-----	-----	17,973	-----	-----	16,074	-----
Cottonseed and products:													
Cottonseed:†													
Consumption (crush).....	short tons.	592,820	437,260	741,295	634,326	518,673	458,656	350,614	252,065	133,666	70,992	42,253	32,253
Receipts at mills.....	short tons.	1,258,590	757,745	1,096,758	693,101	481,299	244,044	85,646	80,564	31,670	23,982	25,831	15,094
Stock at mills, end of month.....	short tons.	838,379	468,596	828,029	856,804	849,430	636,818	371,850	200,349	98,353	51,343	34,921	17,762
Cottonseed cake and meal:													
Exports†.....	short tons.	549	1,420	2,418	1,403	1,382	189	2,567	781	74	38	38	115
Production.....	short tons.	264,173	191,239	336,139	287,382	231,357	207,346	163,342	114,649	63,599	36,009	19,954	18,551
Stocks at mills, end of month.....	short tons.	128,014	194,216	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.	176,256	130,689	225,168	193,025	154,286	135,633	107,792	81,055	43,137	24,743	14,408	10,344
Stocks, end of month.....	thous. of lb.	92,667	73,918	110,557	119,314	131,843	128,618	126,446	113,413	85,206	62,602	36,147	18,707
Cottonseed oil, refined:													
Consumption, factory (quarterly)†													
.....	thous. of lb.	332,216	380,590	-----	-----	361,863	-----	-----	241,169	-----	-----	263,502	-----
In oleomargarine.....	thous. of lb.	9,681	6,714	6,610	8,549	9,120	8,626	10,700	8,178	8,347	7,361	6,649	7,612
Price, summer yellow, prime, N. Y.	dol. per lb.	.102	.102	.104	.103	.107	.101	.097	.094	.094	.088	.091	.098
Production.....	thous. of lb.	92,309	74,312	161,333	176,261	139,381	126,945	114,079	84,935	65,190	41,006	41,025	29,476
Stocks, end of month.....	thous. of lb.	228,764	286,331	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.	1,813	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.	4,009	3,148	952	415	229	99	224	172	270	542	255	1,539
Shipments.....	thous. of bu.	389	1,299	1,266	298	142	119	131	95	160	181	291	665
Stocks, end of month.....	thous. of bu.	2,040	3,326	2,597	2,153	1,928	1,640	1,246	791	535	348	285	668
Oil mills:†													
Consumption, quarterly													
.....	thous. of bu.	4,817	5,998	-----	-----	8,264	-----	-----	7,094	-----	-----	5,168	-----
Stocks, end of quarter.....	thous. of bu.	2,083	3,005	-----	-----	4,270	-----	-----	2,434	-----	-----	2,222	-----
Price No. 1, Minneapolis.....	dol. per bu.	2.14	1.68	1.79	1.80	1.83	1.87	1.84	1.76	1.72	1.69	1.77	2.06
Production, crop estimate.....	thous. of bu.	2,276	-----	-----	-----	14,123	-----	-----	-----	-----	-----	-----	-----
Stocks, Argentina, end of month.....	thous. of bu.	5,512	4,331	3,543	2,559	1,969	3,150	4,331	5,315	6,299	6,693	5,906	6,299
Linseed cake and meal:													
Exports.....	thous. of lb.	32,581	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.	3,205	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)†													
.....	thous. of lb.	79,705	73,812	-----	-----	75,404	-----	-----	65,574	-----	-----	84,129	-----
Price, wholesale, N. Y.	dol. per lb.	.101	.089	.097	.097	.101	.101	.100	.098	.095	.094	.095	.100
Production (quarterly)†.....	thous. of lb.	91,098	116,667	-----	-----	156,569	-----	-----	132,137	-----	-----	100,119	-----
Shipments from Minn.....	thous. of lb.	3,538	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.	98,411	106,332	-----	-----	146,532	-----	-----	187,466	-----	-----	140,666	-----
Oleomargarine:													
Consumption (tax-paid withdrawals)													
.....	thous. of lb.	34,426	32,440	32,430	35,501	32,831	37,388	37,851	32,368	32,464	26,941	22,549	26,796
Price, standard, uncolored, Chicago.....	dol. per lb.	.138	.130	.142	.145	.145	.145	.145	.145	.143	.130	.125	.125
Production.....	thous. of lb.	33,711	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.	.125	.130	.128	.128	.125	.122	.118	.117	.117	.109	.107	.117

* Revised.

• October 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. 33 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 references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936		1935				1936					
	September	September	October	November	December	January	February	March	April	May	June	July

CHEMICALS AND ALLIED PRODUCTS—Continued

PAINTS														
Paints, varnish, lacquer, and filler products:†														
Total sales.....thous. of dol.	33,450	28,536	32,853	25,427	20,039	23,804	20,181	29,912	36,209	40,950	38,736	33,919	33,380	
Classified.....thous. of dol.	22,338	19,039	22,132	17,856	14,271	16,355	14,363	20,728	25,199	28,026	26,587	23,393	22,338	
Industrial.....thous. of dol.	9,564	7,985	9,519	8,985	7,561	8,188	7,162	9,282	11,021	10,746	10,795	10,287	9,095	
Trade.....thous. of dol.	12,774	11,054	12,613	8,870	6,710	8,167	7,201	11,446	14,178	17,280	15,792	13,243	13,243	
Unclassified (235 estab.)§.....thous. of dol.	11,112	9,497	10,721	7,751	5,768	7,448	5,818	9,185	11,010	12,240	12,149	10,566	11,041	
Plastic, cold-water paints, and calcimines:														
Sales:														
Calcimines.....dollars.	292,071	274,829	264,306	212,871	205,543	280,806	199,183	293,756	348,953	361,356	306,656	261,462	297,878	
Plastic paints.....dollars.	47,268	27,463	34,414	31,760	21,468	31,292	27,734	44,520	47,407	51,758	54,817	49,389	50,267	
Cold-water paints.....dollars.	149,333	102,379	105,306	77,784	72,918	89,730	76,971	134,803	147,160	175,088	158,285	139,565	133,825	
CELLULOSE PLASTIC PRODUCTS														
Nitro-cellulose:*														
Sheets, rods, and tubes:														
Production.....thous. of lb.	1,787	1,551	1,660	1,298	1,469	1,230	1,322	1,224	1,388	1,345	1,154	1,225	1,463	
Shipments.....thous. of lb.	1,532	1,435	1,598	1,420	1,398	1,252	1,148	1,239	1,319	1,288	1,206	1,198	1,501	
Cellulose-acetate:*														
Sheets, rods, and tubes:														
Production.....thous. of lb.	1,204	882	1,299	1,265	948	869	597	785	1,221	980	1,061	1,002	1,162	
Shipments.....thous. of lb.	1,027	884	1,239	1,114	859	934	546	939	1,097	921	850	746	1,468	
ROOFING														
Dry roofing felt:														
Production.....short tons.	23,033	20,419	24,716	16,851	15,780	17,296	19,313	22,528	23,713	22,391	21,956	20,209	21,833	
Stocks, end of month.....short tons.	7,523	7,376	6,962	7,577	8,935	8,677	7,902	7,999	7,986	8,630	10,479	10,583	9,550	
Prepared roofing shipments:†														
Total.....thous. squares.		3,102	3,180	1,952	1,186	1,668	3,139	2,451	2,744	2,163	2,330	2,509	2,994	
Grit roll.....thous. squares.		834	850	498	270	366	660	566	634	566	653	637	783	
Shingles (all types).....thous. squares.		766	869	482	308	341	565	887	730	764	704	784	908	
Smooth roll.....thous. squares.		1,501	1,461	972	607	961	1,914	1,205	1,223	797	913	1,088	1,303	

ELECTRIC POWER AND GAS

ELECTRIC POWER													
Production, total.....mills. of kw.-hr.	9,703	8,206	8,847	8,690	9,139	9,246	8,599	8,904	8,892	9,085	9,124	9,672	9,800
By source:													
Fuels.....mills. of kw.-hr.	6,678	5,182	5,975	5,432	5,850	5,881	5,681	5,114	4,878	5,163	5,553	6,529	6,733
Water power.....mills. of kw.-hr.	3,026	3,024	2,872	3,258	3,288	3,365	2,918	3,790	4,014	3,923	3,271	3,143	3,067
By type of producer:													
Central stations.....mills. of kw.-hr.	9,159	7,731	8,361	8,209	8,588	8,747	8,118	8,423	8,417	8,604	8,594	9,111	9,240
Street railways, manufacturing plants, etc.....mills. of kw.-hr.	544	475	486	481	551	499	481	481	475	481	530	561	560
Sales of electrical energy:													
Sales to ultimate consumers, total (Edison Elec. Inst.).....mills. of kw.-hr.		6,635	6,823	6,927	7,029	7,278	6,999	6,913	7,069	7,085	7,264	7,519	7,723
Domestic service.....mills. of kw.-hr.		1,135	1,186	1,289	1,368	1,466	1,340	1,254	1,223	1,165	1,144	1,159	1,180
Commercial-retail.....mills. of kw.-hr.		1,192	1,220	1,293	1,361	1,403	1,324	1,256	1,281	1,266	1,275	1,317	1,361
Commercial-wholesale.....mills. of kw.-hr.		3,676	3,726	3,624	3,493	3,567	3,514	3,649	3,842	3,975	4,197	4,362	4,487
Municipal street lighting.....mills. of kw.-hr.		189	207	217	227	234	219	209	193	180	159	171	188
Railroads:													
Electrified steam.....mills. of kw.-hr.		67	73	79	86	100	96	83	86	77	74	99	97
Street and interurban.....mills. of kw.-hr.		328	360	368	439	446	435	394	375	354	346	342	340
Revenues from ultimate consumers (Edison Elec. Inst.).....thous. of dol.		159,073	162,789	169,339	173,459	179,141	171,220	165,650	165,703	164,015	164,007	167,672	169,636
GAS													
Manufactured gas:††													
Customers, total.....thousands.		10,023	10,033	9,994	10,005	9,960	9,972	9,973	10,011	10,098	10,080	10,106	10,119
Domestic.....thousands.		9,473	9,467	9,421	9,425	9,333	9,346	9,343	9,378	9,465	9,454	9,484	9,490
House heating.....thousands.		106	121	128	131	133	155	129	132	136	130	125	126
Industrial and commercial.....thousands.		435	434	437	439	435	481	487	488	485	485	485	484
Sales to consumers.....millions of cu. ft.		27,492	29,897	30,164	33,480	35,960	36,611	34,129	33,018	31,334	29,531	27,249	25,723
Domestic.....millions of cu. ft.		19,189	20,008	18,543	18,679	19,922	20,146	19,219	18,781	18,866	18,941	17,279	16,159
House heating.....millions of cu. ft.		550	1,571	3,223	5,716	6,669	7,053	5,282	4,223	2,805	1,032	636	491
Industrial and commercial.....millions of cu. ft.		7,600	8,134	8,206	8,861	9,143	9,190	9,422	9,827	9,493	9,412	9,156	8,936
Revenue from sales to consumers.....thous. of dol.		30,140	31,753	31,308	33,013	34,555	34,653	32,887	32,093	31,839	30,699	28,680	27,223
Domestic.....thous. of dol.		24,140	24,687	23,416	23,336	23,800	23,322	22,742	22,885	23,820	23,693	22,123	20,861
House heating.....thous. of dol.		475	1,150	1,849	3,291	4,113	4,612	3,514	2,585	1,553	773	499	402
Industrial and commercial.....thous. of dol.		5,415	5,782	5,912	6,244	6,495	6,571	6,490	6,476	6,336	6,127	5,966	5,848
Natural gas:††													
Customers, total.....thousands.		5,880	5,947	6,018	6,039	5,987	6,004	6,033	6,027	6,033	6,011	6,010	6,037
Domestic.....thousands.		5,468	5,510	5,552	5,563	5,515	5,532	5,559	5,560	5,578	5,581	5,586	5,611
Industrial and commercial.....thousands.		411	435	464	474	470	469	472	465	453	429	422	424
Sales to consumers.....millions of cu. ft.		75,325	85,028	99,714	113,418	123,778	136,242	113,823	106,193	92,639	85,014	82,696	85,330
Domestic.....millions of cu. ft.		14,135	18,556	26,726	36,325	43,715	50,131	38,942	31,850	23,658	16,854	13,735	12,678
Industrial and commercial.....millions of cu. ft.		60,273	65,252	71,691	75,680	78,980	84,673	73,442	72,770	67,588	67,137	68,121	71,402
Revenues from sales to consumers.....thous. of dol.		22,120	25,805	32,099	38,825	44,312	48,116	39,732	35,475	29,251	24,812	22,904	22,778
Domestic.....thous. of dol.		11,262	13,677	18,316	23,635	27,964	30,581	24,667	21,034	16,429	12,703	10,913	10,353
Industrial and commercial.....thous. of dol.		10,718	11,958	13,591	14,981	16,178	17,296	14,846	14,219	12,635	11,980	11,863	12,265

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

FOODSTUFFS AND TOBACCO

BEVERAGES												
Fermented malt liquors:*												
Consumption (tax-paid withdrawals)												
thous. of bbl.	4,985	3,931	3,790	3,366	3,104	2,679	2,685	3,738	3,887	5,041	5,600	6,670
Production	5,183	3,868	3,735	3,221	3,219	3,335	2,932	4,433	4,970	5,418	6,061	6,791
Stocks, end of month	8,082	6,690	6,496	6,204	6,205	6,640	6,802	7,333	8,208	8,409	8,633	8,525
Distilled spirits:*												
Consumption (tax-paid withdrawals)†												
thous. of proof gal.	6,931	7,020	7,807	9,045	8,219	6,019	6,173	6,203	6,177	5,666	5,229	5,823
Whisky	5,952	6,372	7,076	8,237	7,315	5,421	5,687	5,531	5,390	4,760	4,288	4,643
Production, total	23,698	16,238	23,002	25,000	24,412	21,910	19,804	22,691	23,251	23,373	24,274	21,720
Whisky	19,063	13,959	16,549	18,301	19,910	20,340	18,833	21,612	21,917	22,158	22,693	19,994
Stocks, end of month	352,151	187,729	195,796	205,382	215,618	230,425	242,830	258,221	273,798	290,739	310,793	325,990
Whisky	341,264	180,066	188,423	197,788	207,154	221,602	233,797	248,946	264,389	281,208	300,653	315,936
Rectified spirits:												
Alcohol, ethyl, withdrawn tax paid (see p. 39):												
Consumption (tax-paid withdrawals)*												
thous. of proof gal.	2,783	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*†	135,667	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)	.35	.26	.28	.32	.34	.35	.37	.32	.31	.27	.30	.34
Production (factory)†	131,862	141,786	119,748	96,462	105,147	108,172	106,658	120,162	130,928	178,028	185,223	152,001
Receipts, 5 markets	44,637	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	108,777	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†	53,331	56,840	63,891	52,982	46,700	54,879	53,651	57,436	62,127	70,165	76,150	60,370
Imports#	5,796	3,632	6,015	5,880	3,022	3,240	3,704	5,693	4,217	3,152	4,257	5,463
Price, no. 1 Amer. N. Y.	.20	.17	.17	.18	.19	.18	.17	.15	.15	.15	.17	.20
Production (factory)†	55,389	70,751	63,580	48,826	47,138	43,841	39,809	45,317	48,816	65,339	83,132	63,922
American whole milk†	43,307	49,053	42,114	28,811	27,345	29,455	27,051	32,409	37,089	52,395	67,101	53,032
Receipts, 5 markets	12,098	16,384	16,836	15,423	11,488	10,416	13,339	15,164	13,398	14,206	21,191	18,479
Stocks, cold storage, end of month†	115,309	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†	98,498	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)	22,448	16,798	15,155	14,578	17,891	19,833	21,254	23,328	22,140	28,864	33,537	29,339
Evaporated (unsweetened)§	185,780	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)	204	235	275	332	474	147	257	229	246	262	465	86
Evaporated (unsweetened)	2,904	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
Evaporated (unsweetened) dol. per case	3.40	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	12,363	8,333	5,497	3,373	2,931	2,845	2,329	2,741	4,588	9,374	14,664	13,654
Case goods	12,109	17,349	14,678	11,697	8,829	6,044	3,659	2,963	3,741	8,252	11,275	11,188
Evaporated (unsweetened):												
Case goods	160,578	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.	6,357	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.	26,245	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		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*	113,031	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	291	282	252	234	219	305	236	268	286	352	428	383
Orders, net, new	14,844	13,559	13,254	12,654	10,952	10,720	12,316	14,778	13,837	16,131	16,131	17,781
Stocks, mfrs. end of mo.	26,796	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	104,942				167,283							
Shipments car lot†	7,629	6,855	18,836	7,546	8,378	4,740	6,283	5,414	4,563	2,281	863	1,373
Stocks, cold storage, end of month	2,328	2,510	10,276	11,018	9,686	8,225	5,976	3,769	1,783	668		
Citrus fruit, car-lot shipments†	7,417	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†	3,363	3,420	3,654	2,392	1,618	2,592	2,625	1,838	3,645	3,858	3,614	1,018
Potatoes:												
Price, white, N. Y.	1.795	.906	1.120	1.800	1.790	1.656	1.700	1.820	2.406	2.519	3.665	2.456
Production, crop estimate	322,263				387,673							
Shipments, car lot†	16,724	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. ‡ Oct. 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 in the October 1936 issue 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							
	September	September	October	November	December	January	February	March	April	May	June	July	August

FOODSTUFFS AND TOBACCO—Continued

GRAIN AND PRODUCTS													
Exports, principal grains, including flour and meal†.....thous. of bu.	4,844	3,449	2,777	2,601	2,481	2,144	1,683	2,156	1,842	2,530	2,733	2,087	2,442
Barley:	1,006	1,953	1,138	872	1,240	823	359	573	323	806	704	523	1,614
Exports, including malt†.....thous. of bu.	1,006	1,953	1,138	872	1,240	823	359	573	323	806	704	523	1,614
Price, no. 2, Minn.:.....dol. per bu.	1.30	.58	.61	.56	.59	.67	.66	.66	.68	.64	.64	.87	1.22
Straight.....dol. per bu.	1.28	.89	.65	.62	.66	.69	.71	.69	.71	.67	.70	.92	1.24
Malt†.....thous. of bu.	113,916	13,780	9,923	7,827	282,226	6,142	3,826	7,845	5,966	5,565	5,893	5,992	10,583
Receipts, principal markets*.....thous. of bu.	9,683	13,780	9,923	7,827	4,809	6,142	3,826	7,845	5,966	5,565	5,893	5,992	10,583
Visible supply, end of month.....thous. of bu.	15,294	12,009	16,087	16,571	15,474	15,124	13,443	12,978	11,894	11,241	9,578	7,017	12,136
Corn:	30	28	46	42	32	48	52	70	34	109	219	106	82
Exports, including meal†.....thous. of bu.	30	28	46	42	32	48	52	70	34	109	219	106	82
Grindings.....thous. of bu.	6,778	4,857	6,232	5,894	6,128	6,356	6,113	7,088	6,209	6,242	5,386	6,480	6,898
Prices, wholesale:	1.12	.78	.81	.62	.61	.62	.67	.63	.63	.62	.62	.94	1.15
No. 3, yellow (Kansas City).....dol. per bu.	1.27	.82	.85	.64	.65	(1)	.62	.58	.64	.67	.71	1.01	1.24
No. 3, white (Chicago).....dol. per bu.	1.27	.82	.85	.64	.65	(1)	.62	.58	.64	.67	.71	1.01	1.24
Production, crop estimate.....thous. of bu.	1,509,362	7,129	9,544	18,879	2,291,629	14,466	13,640	18,003	17,497	16,227	21,215	17,614	15,569
Receipts, principal markets.....thous. of bu.	9,213	7,129	9,544	18,879	18,729	14,466	13,640	18,003	17,497	16,227	21,215	17,614	15,569
Shipments, principal markets.....thous. of bu.	4,375	3,102	3,812	7,256	8,828	8,133	7,494	7,750	8,308	11,320	15,194	11,926	7,711
Visible supply, end of month.....thous. of bu.	4,336	3,332	2,481	4,884	7,685	6,802	5,008	7,955	8,673	6,511	7,743	4,908	4,787
Oats:	68	142	105	83	77	70	80	88	62	81	425	59	89
Exports, including oatmeal†.....thous. of bu.	68	142	105	83	77	70	80	88	62	81	425	59	89
Price, no. 3, white (Chicago).....dol. per bu.	.44	.30	.30	.29	.29	.30	.30	.28	.28	.27	.28	.37	.44
Production, crop estimate.....thous. of bu.	783,750	21,300	12,089	6,201	4,489	5,632	4,450	8,768	4,991	5,866	6,200	16,863	15,205
Receipts, principal markets.....thous. of bu.	4,007	21,300	12,089	6,201	4,489	5,632	4,450	8,768	4,991	5,866	6,200	16,863	15,205
Visible supply, end of month.....thous. of bu.	59,452	41,430	45,863	46,637	42,912	41,123	40,213	37,648	35,493	31,232	31,394	39,253	51,715
Rice:	1,325	90,194	148,651	342,068	90,247	51,959	29,792	6,986	4,241	9,823	713	890	6,124
Exports†.....pockets 166 lb.	1,325	90,194	148,651	342,068	90,247	51,959	29,792	6,986	4,241	9,823	713	890	6,124
Imports#.....pockets 166 lb.	124,670	14,056	21,932	19,769	25,010	27,839	73,986	79,889	69,932	76,870	97,490	62,339	104,099
Price, wholesale, head, clean, New Orleans.....dol. per lb.	.042	.040	.040	.040	.040	.039	.039	.039	.040	.042	.043	.043	.043
Production, crop estimate.....thous. of bu.	45,499	1,375	930	2,402	1,816	657	845	232	161	129	60	20	304
Receipts, rough rice, at mills.....thous. of bbl. (162 lb.)	1,375	930	2,402	1,816	657	845	232	161	129	60	20	304	
Shipments from mills (milled rice) total†.....thous. of pockets (166 lb.)	754	591	1,224	884	538	1,019	1,070	979	788	529	318	287	331
Stocks, domestic, rough and cleaned (in terms of cleaned rice) end of month.....thous. of pockets (100 lb.)	962	709	1,999	2,978	3,136	3,044	2,554	1,855	1,244	863	609	342	321
Rye:	0	2	0	2	6	1	0	0	0	3	0	0	0
Exports, including flour.....thous. of bu.	0	2	0	2	6	1	0	0	0	3	0	0	0
Price, no. 2, Minneapolis.....dol. per bu.	.87	.47	.52	.49	.49	.53	.57	.52	.50	.52	.58	.75	.83
Production, crop estimate.....thous. of bu.	27,005	2,461	2,754	1,991	1,169	1,061	763	1,324	970	2,297	1,422	1,630	1,540
Receipts, principal markets*.....thous. of bu.	1,658	2,461	2,754	1,991	1,169	1,061	763	1,324	970	2,297	1,422	1,630	1,540
Visible supply, end of month*.....thous. of bu.	6,376	8,367	9,088	9,660	9,022	8,412	7,642	7,555	7,176	6,869	6,379	6,080	6,674
Wheat:	2,415	1,324	1,489	1,602	1,132	1,202	1,192	1,425	1,423	1,534	1,382	1,389	1,657
Exports:†	487	14	14	30	34	13	28	30	16	34	26	26	222
Wheat, including flour.....thous. of bu.	2,415	1,324	1,489	1,602	1,132	1,202	1,192	1,425	1,423	1,534	1,382	1,389	1,657
Wheat only.....thous. of bu.	487	14	14	30	34	13	28	30	16	34	26	26	222
Prices, wholesale:	1.46	1.33	1.34	1.28	1.28	1.33	1.31	1.24	1.23	1.14	1.24	1.36	1.47
No. 1 Dark Northern Spring, Minn.*.....dol. per bu.	1.46	1.33	1.34	1.28	1.28	1.33	1.31	1.24	1.23	1.14	1.24	1.36	1.47
No. 2 Red Winter, St. Louis.....dol. per bu.	1.19	1.03	1.10	1.05	1.06	1.09	1.09	1.08	1.07	1.02	.95	1.06	1.17
No. 2 Hard Winter, K. C.....dol. per bu.	1.22	1.15	1.19	1.13	1.11	1.13	1.10	1.06	1.02	.95	.96	1.11	1.22
Weighted average 6 markets, all grades.....dol. per bu.	1.25	1.03	1.07	.98	1.00	1.07	1.07	.98	.95	.90	.96	1.10	1.27
Production, crop estimate, total.....thous. of bu.	627,233	108,136	151,097	146,203	9,933	9,277	5,474	9,788	7,417	11,103	14,819	84,222	29,495
Spring wheat.....thous. of bu.	108,136	108,136	108,136	108,136	108,136	108,136	108,136	108,136	108,136	108,136	108,136	108,136	108,136
Winter wheat.....thous. of bu.	519,097	519,097	519,097	519,097	519,097	519,097	519,097	519,097	519,097	519,097	519,097	519,097	519,097
Receipts.....thous. of bu.	10,621	42,289	27,883	14,501	9,933	9,277	5,474	9,788	7,417	11,103	14,819	84,222	29,495
Shipments.....thous. of bu.	10,658	15,595	14,695	12,403	7,181	7,964	6,782	9,280	7,745	12,970	12,363	27,210	18,214
Stocks, visible supply, world.....thous. of bu.	418,130	443,400	436,690	484,010	468,910	427,650	380,190	335,340	284,970	244,020	275,131	293,970	293,970
Canada.....thous. of bu.	149,908	219,903	259,869	257,424	259,928	243,631	223,725	206,823	189,250	160,107	140,346	116,409	113,276
United States*.....thous. of bu.	81,912	78,631	82,406	80,371	74,730	68,010	58,164	49,637	41,482	32,073	25,125	72,783	84,764
Stocks, held by mills (quarterly).....thous. of bu.	153,521	155,791	155,791	155,791	155,791	155,791	155,791	155,791	155,791	155,791	155,791	155,791	155,791
Wheat flour:	9,186	8,567	10,703	10,373	7,923	9,386	9,022	9,035	8,090	8,009	7,694	10,064	11,250
Consumption (computed)†.....thous. of bbl.	9,186	8,567	10,703	10,373	7,923	9,386	9,022	9,035	8,090	8,009	7,694	10,064	11,250
Exports†.....thous. of bbl.	410	279	314	335	234	253	248	297	299	319	290	290	305
Grinding of wheat.....thous. of bu.	40,052	41,686	45,664	38,254	33,123	40,042	38,987	38,273	36,453	35,328	36,637	43,660	42,087
Prices, wholesale:	6.96	8.38	8.48	8.15	8.21	7.19	6.99	6.92	6.45	6.07	6.28	6.78	7.21
Standard Patents, Minn.....dol. per bbl.	6.96	8.38	8.48	8.15	8.21	7.19	6.99	6.92	6.45	6.07	6.28	6.78	7.21
Winter, straights, Kansas City.....dol. per bbl.	5.67	7.06	7.19	6.84	6.69	6.09	5.56	5.42	5.24	4.80	4.73	5.23	5.64
Production:	8,707	9,055	9,897	8,274	7,175	8,644	8,401	8,252	7,840	7,569	7,845	9,416	9,148
Flour, actual (Census).....thous. of bbl.	8,707	9,055	9,897	8,274	7,175	8,644	8,401	8,252	7,840	7,569	7,845	9,416	9,148
Flour prorated, total (Russell's)†.....thous. of bbl.	9,173	9,746	11,116	9,802	8,349	9,386	9,070	8,975	8,235	8,149	8,300	10,244	11,652
Offal.....thous. of lb.	723,836	744,779	821,200	692,087	595,761	728,216	709,574	694,897	665,223	650,921	675,914	793,510	758,322
Operations, percent of total capacity.....	56	61	59	53	46	53	56	51	48	48	48	58	56
Stocks, total, end of month (computed).....thous. of bbl.	5,400	5,400	5,600	4,600	5,592	5,400	5,200	4,950	5,100	4,950	5,600	5,500	5,600
Held by mills (quarterly).....thous. of bbl.	4,677	3,864	3,864	4,222	4,222	4,222	4,068	4,068	4,068	4,068	4,255	4,255	4,255

* Revised. * Oct. 1 estimate. † Dec. 1 estimate. † No quotation. † Brewer's rice not included.
 # 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							
	September	September	October	November	December	January	February	March	April	May	June	July	August
FOODSTUFFS AND TOBACCO—Continued													
LIVESTOCK AND MEATS													
Total meats:													
Consumption, apparent▲.....mills. of lb.....		834	1,015	915	914	1,009	844	942	961	957	1,036	1,040	1,001
Production (inspected slaughter)▲.....mills. of lb.....	1,029	776	992	958	1,023	1,144	847	937	960	949	1,033	1,066	997
Stocks, cold storage, end of month▲.....mills. of lb.....	625	422	402	448	563	698	689	675	669	650	641	665	671
Miscellaneous meats.....mills. of lb.....	75	49	53	63	74	79	70	67	61	57	57	62	73
Cattle and beef:													
Beef and veal:													
Consumption, apparent▲.....thous. of lb.....		472,160	546,738	473,094	464,311	493,972	426,553	439,651	455,136	474,888	501,898	523,582	528,398
Exports†.....thous. of lb.....	1,483	1,226	1,013	1,041	604	728	787	1,218	1,032	1,426	1,110	1,302	1,790
Price, wholesale:													
Beef, fresh native steers, Chicago.....dol. per lb.....	.145	.179	.169	.166	.178	.180	.171	.151	.149	.134	.133	.138	1.4
Production (inspected slaughter)▲.....thous. of lb.....	571,787	465,982	559,057	492,498	472,484	484,406	402,142	425,199	459,149	453,127	485,518	518,400	542,249
Stocks, cold storage, end of month▲.....thous. of lb.....	82,804	48,226	65,464	91,164	106,210	104,447	86,928	79,509	65,011	51,134	41,222	42,914	*64,255
Cattle and calves:													
Movement, primary markets:•													
Receipts.....thous. of animals.....	2,264	2,257	2,545	2,037	1,809	1,793	1,416	1,625	1,673	1,522	1,764	1,881	2,216
Slaughter, local.....thous. of animals.....	1,339	*1,242	1,351	1,340	1,143	1,158	942	1,046	1,094	1,002	1,137	1,179	1,322
Slaughter, inspected. (See Leather and leather products.)													
Shipments, total.....thous. of animals.....	928	978	1,198	911	650	623	462	556	573	511	610	697	848
Stocker and feeder.....thous. of animals.....	380	441	629	445	242	196	116	190	195	163	167	240	319
Price, wholesale, cattle, corn-fed, Chicago.....dol. per 100 lb.....	9.52	11.31	11.41	11.36	12.21	12.11	10.61	10.31	9.21	8.61	8.51	8.70	9.00
Hogs and products:													
Hogs:													
Movement, primary markets:•													
Receipts.....thous. of animals.....	1,939	1,220	1,652	1,671	2,036	2,532	1,817	2,045	1,875	1,759	1,864	1,915	1,747
Slaughter, local.....thous. of animals.....	1,263	824	1,182	1,149	1,428	1,774	1,188	1,372	1,322	1,276	1,348	1,347	1,166
Slaughter, inspected. (See Leather and leather products.)													
Shipments, total.....thous. of animals.....	673	390	463	526	606	745	628	666	550	482	512	562	572
Stocker and feeder.....thous. of animals.....	94	22	25	24	36	38	26	33	38	32	36	57	91
Price, heavy, Chicago.....dol. per 100 lb.....	10.25	11.41	10.19	9.42	9.51	9.73	10.33	10.10	10.55	9.48	10.05	10.11	10.82
Pork, including lard:													
Consumption, apparent▲.....thous. of lb.....		301,300	398,480	386,505	395,269	450,560	362,070	443,486	423,876	434,683	486,492	467,178	422,125
Exports, total†.....thous. of lb.....	12,083	6,213	7,425	14,872	12,832	14,929	11,268	16,403	14,118	18,495	18,880	16,811	12,224
Lard†.....thous. of lb.....	7,856	1,515	2,731	7,932	7,853	10,117	7,514	11,461	9,489	10,837	11,090	7,481	6,045
Prices:													
Hams, smoked, Chicago.....dol. per lb.....	.246	.279	.260	.267	.273	.263	.243	.235	.239	.238	.240	.252	.256
Lard.....													
Prime contract, N. Y.....dol. per lb.....	.118	.169	.151	.138	.117	.109	.112	.111	.113	.104	.103	.110	.122
Refined, Chicago*.....dol. per lb.....	.126	.177	.164	.144	.134	.120	.118	.118	.120	.113	.113	.119	.129
Production, inspected slaughter, total▲.....thous. of lb.....	396,371	250,570	363,102	400,862	405,250	595,065	390,346	453,787	449,029	449,173	499,066	497,956	403,198
Lard▲.....thous. of lb.....		34,387	47,758	58,072	74,002	96,392	66,464	75,518	77,024	80,534	87,288	82,952	
Stocks, cold storage, end of mo.....thous. of lb.....	463,285	322,955	281,365	291,115	379,495	511,711	530,143	526,963	541,017	540,274	541,904	558,987	*531,409
Fresh and cured▲.....thous. of lb.....	361,651	277,605	240,663	253,209	326,777	436,042	451,418	450,149	457,402	440,618	435,130	441,961	*420,848
Lard▲.....thous. of lb.....	101,634	45,350	40,702	37,906	52,718	75,669	78,725	76,814	83,615	98,656	106,774	117,026	*110,561
Sheep and lambs:													
Lamb and mutton:													
Consumption, apparent▲.....thous. of lb.....		60,255	69,367	54,965	54,837	64,298	55,016	58,477	52,394	47,205	48,107	49,457	50,815
Production, inspected slaughter▲.....thous. of lb.....	60,894	59,941	69,983	55,702	55,235	64,140	54,829	58,285	51,871	46,721	47,971	49,833	52,001
Stocks, cold storage, end of mo.....thous. of lb.....	3,334	1,376	1,968	2,661	3,025	2,824	2,563	2,334	1,785	1,282	1,122	1,478	*2,634
Movement, primary markets:•													
Receipts.....thous. of animals.....	2,766	2,822	3,055	1,732	1,588	1,862	1,632	1,701	1,798	1,944	1,859	2,022	2,287
Slaughter, local.....thous. of animals.....	1,126	1,109	1,225	927	966	1,127	949	1,023	990	889	961	1,006	1,011
Slaughter, inspected. (See Leather and leather products.)													
Shipments, total.....thous. of animals.....	1,597	1,660	1,860	822	620	732	690	666	800	1,063	873	1,014	1,271
Stocker and feeder.....thous. of animals.....	480	533	886	335	112	94	59	66	112	183	108	152	343
Prices, wholesale:													
Ewes, Chicago.....dol. per 100 lb.....	3.36	3.28	3.59	4.11	4.35	4.50	4.34	4.62	4.81	4.56	(1)	(1)	3.31
Lambs, Chicago.....dol. per 100 lb.....	8.91	8.95	9.00	9.81	10.80	10.25	9.97	9.66	10.75	10.97	10.38	9.06	8.86
Poultry and eggs:													
Eggs:													
Receipts, 5 markets.....thous. of cases.....	782	781	704	641	784	889	811	1,798	2,022	2,088	1,727	1,247	981
Stocks, cold storage, end of month:													
Case.....thous. of cases.....	5,817	6,353	4,644	2,738	964	159	13	807	3,039	5,707	7,058	7,335	*7,006
Frozen.....thous. of lb.....	96,628	98,653	88,018	79,035	69,546	59,722	46,367	45,848	69,172	94,014	111,725	115,485	*108,614
Poultry:													
Receipts, 5 markets.....thous. of lb.....	27,580	21,783	28,332	62,486	56,321	21,433	15,654	15,098	15,122	18,979	22,740	22,683	26,400
Stocks, cold storage, end of mo.....thous. of lb.....	82,076	39,720	53,156	86,098	107,389	103,833	85,792	69,494	49,324	41,926	43,050	49,220	*65,488
TROPICAL PRODUCTS													
Cocoa:													
Imports#.....long tons.....	22,816	12,587	19,388	19,005	24,357	30,508	32,601	28,549	31,206	9,696	7,174	15,570	18,129
Price, spot, Accra, N. Y.....dol. per lb.....	.0750	.0517	.0510	.0501	.0517	.0535	.0535	.0536	.0533	.0558	.0617	.0641	.0667
Shipments, Gold Coast and Nigeria.....long tons.....		10,820	23,345	39,786	54,930	61,247	59,819	40,114	17,025	11,063	14,331	20,795	20,158

▲ 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				1934						
	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August
FOODSTUFFS AND TOBACCO—Continued													
TROPICAL PRODUCTS—Continued													
Coffee:													
Clearances from Brazil, total													
thous. of bags	1,090	1,466	1,651	1,420	1,474	1,563	1,360	1,201	1,094	1,150	998	1,097	1,174
To United States	603	887	879	779	824	954	854	692	549	511	437	568	669
Imports into United States#													
thous. of bags	970	1,130	1,237	1,086	1,299	1,248	1,575	1,450	1,133	879	940	901	904
Price, Rio No. 7, N. Y.	.081	.066	.068	.066	.065	.066	.065	.066	.066	.066	.070	.078	.082
Receipts at ports, Brazil	1,238	1,431	1,651	1,472	1,559	1,409	1,496	1,444	1,027	1,009	947	1,115	1,016
Stocks, world total, incl., interior of Brazil	(1)	27,204	27,765	28,738	29,548	(1)	(1)	30,650	29,606	(1)	25,982	(1)	(1)
thous. of bags													
Visible supply, total excl. interior of Brazil	7,754	7,653	7,791	7,669	7,844	7,832	7,846	8,116	8,128	8,108	8,111	8,030	7,884
United States	953	863	941	817	988	832	1,010	1,056	995	998	1,015	903	889
Sugar:													
Raw sugar:													
Cuba:													
Stocks, total, end of month													
thous. of long tons	1,009	1,076	979	912	775	755	1,108	1,991	2,092	1,886	1,566	1,375	1,209
United States:													
Meltings, 8 ports†	277,352	301,969	313,903	240,378	241,580	321,986	331,296	419,096	460,316	326,152	406,144	371,268	307,639
Price, wholesale, 96° centrifugal, New York	.036	.035	.039	.035	.031	.033	.034	.036	.038	.037	.037	.037	.037
Receipts:													
From Hawaii and Puerto Rico													
long tons	128,439	116,556	73,641	69,960	67,731	90,223	144,017	197,386	176,391	171,070	158,756	146,418	111,968
Imports#	217,897	117,163	82,044	54,844	38,864	246,005	315,164	279,852	325,379	274,287	305,937	268,453	103,264
Stocks at refineries, end of mo.†													
long tons	3,23,843	512,518	370,639	310,543	211,023	178,176	228,493	240,659	301,105	401,609	402,960	450,122	390,794
Refined sugar:													
Exports, including maple	5,647	13,369	14,485	10,308	4,375	4,867	1,895	4,391	3,710	3,981	3,545	4,968	5,971
Price, retail, gran., N. Y.	.055	.056	.056	.057	.056	.053	.053	.053	.053	.053	.054	.055	.055
Price, wholesale, gran., N. Y.	.047	.051	.052	.052	.052	.052	.052	.048	.049	.049	.049	.047	.047
Receipts:													
From Hawaii and Puerto Rico*													
long tons	4,896	6,381	1,534	1,402	225	5,506	15,021	14,213	17,924	15,919	16,445	11,016	2,189
Imports:													
Cuba*	21,539	7,666	8	2,298	636	26,987	28,707	42,877	37,988	41,628	37,503	30,251	17,615
Philippine Islands*	2,393	0	0	0	693	0	2,902	9,371	14,501	4,602	2,661	5,668	2,108
Shipments, 2 ports†	46,853	40,943	34,026	30,636	57,640	58,820	65,722	43,725					
Stocks, end of month, 2 ports†	9,754	9,951	15,842	9,352	13,340	13,203	11,080						
Tea:													
Imports#	9,036	8,457	9,326	7,867	8,378	6,067	5,915	8,159	6,776	5,449	5,172	5,996	6,312
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	30,033	27,886	26,187	27,030	26,170	22,584	23,192	22,123	21,399	17,703	20,638	12,064	17,603
Fish:													
Landings, fresh fish, principal ports													
thous. of lb	48,167	38,445	42,793	33,368	26,437	20,120	20,016	39,029	42,560	43,355	45,563	44,351	45,390
Salmon, canned, shipments	6,231	950,789	462,745	471,448	359,188	490,638	436,976	494,790	273,242	514,664	325,882	565,701	1,195,502
Cases													
Stocks, total, cold storage, 15th of month†	84,695	66,540	70,156	76,503	75,056	64,031	45,129	31,270	26,102	34,141	46,241	62,578	76,098
TOBACCO													
Leaf:													
Exports‡		52,671	60,488	67,793	42,060	41,929	35,137	13,877	24,235	18,485	20,477	20,887	26,946
Imports, unmanufactured#	4,943	8,470	4,843	3,781	8,430	5,726	4,553	5,883	4,120	5,815	5,793	5,977	
Production, crop estimate	1,152,076												
thous. of lb													
Stocks, total, including imported types (quarterly)		2,200			2,373				2,421		2,171		
mills of lb													
Flue-cured, fire-cured, and air-cured		1,772			1,949			1,949			1,714		
mills of lb													
Cigar types		348			344			375			371		
Manufactured products:													
Consumption (tax-paid withdrawals):													
Small cigarettes	14,342	10,774	12,711	10,801	9,841	12,725	10,766	11,193	11,869	12,025	14,069	14,801	13,430
Large cigars	489,293	430,959	524,399	457,299	312,974	336,579	356,624	377,167	411,606	419,369	452,312	482,448	445,976
Manufactured tobacco and snuff													
thous. of lb	30,056	28,984	31,916	26,687	23,096	29,490	27,919	30,315	29,254	28,160	29,474	31,326	26,756
Exports, cigarettes	371,146	297,240	324,298	393,886	337,227	385,525	320,394	351,679	428,572	398,683	366,128	380,153	452,731
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	120	162	126	87	118	141	188	80	101	189	160	91	96
thous. of long tons													
Prices:													
Retail, composite, chestnut‡			12.83				12.96		12.95			12.43	
Wholesale, composite, chestnut‡													
dol. per short ton	9.721	9.657	9.969	10.065	10.045	9.981	10.015	10.001	9.707	9.283	9.327	9.452	9.564
Production†	3,764	4,172	4,279	3,160	4,620	5,203	6,461	2,730	4,336	4,577	3,948	3,666	3,223
thous. of short tons													
Shipments†	3,440	3,587	3,681	2,868	4,116	4,865	5,934	2,429	4,217	4,274	3,516	3,345	2,917
thous. of short tons													

* Revised.

† Data not available.

‡ Oct. 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. Revisions on 1935 cold-storage holdings of fish not shown in the October 1935 issue will appear in a subsequent 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 references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936		1935					1936					
	September	October	September	October	November	December	January	February	March	April	May	June	July

FUELS AND BYPRODUCTS—Continued

COAL—Continued													
Anthracite—Continued.													
Stocks in storage: ▲													
Total.....thous. of short tons..	2,347	2,127	2,239	2,244	1,911	1,217	528	458	369	853	1,240	1,556	1,992
Stocks, in yards of dealers, end of month no. of days' supply..	62	60	62	64	35	23	19	31	38	77	59	57	77
Bituminous:													
Consumption:													
Coke plants.....thous. of short tons..	5,760	4,171	4,539	4,649	5,042	4,990	4,764	4,862	5,133	5,542	5,472	5,509	5,752
Electric power plants†	3,845	2,961	3,437	3,143	3,391	3,453	3,365	3,022	2,859	2,955	3,322	* 3,767	* 3,568
Railroads.....thous. of short tons..	134	128	161	91	79	96	87	101	88	116	122	124	134
Vessels, bunker.....thous. of long tons	954	804	789	902	457	323	321	308	462	1,103	914	1,035	1,174
Exports.....thous. of long tons													
Price, retail composite, 38 cities‡			8.41			8.58			8.57			8.13	
Prices, wholesale:													
Composite, mine run.....dol. per short ton..	4.229	4.237	4.324	4.336	4.337	4.320	4.359	4.347	4.303	4.289	4.289	4.227	4.217
Prepared sizes (composite)	4.498	4.336	4.451	4.508	4.528	4.547	4.683	4.612	4.340	4.302	4.303	4.346	4.428
dol. per short ton..	37,290	25,038	37,768	33,404	35,388	39,330	41,375	31,233	30,318	28,541	29,300	32,054	33,240
Production†.....thous. of short tons..	34,575	40,904	39,553	39,911	37,017	33,052	29,542	28,083	26,596	28,073	28,753	30,126	* 32,071
Stocks, consumers, and retail dealers, end of month.....thous. of short tons..													
COKE													
Exports.....thous. of long tons..	67	54	54	58	32	43	44	24	20	34	62	67	69
Price, furnace, Connellsville	3.88	3.33	3.64	3.66	3.81	3.58	3.58	3.58	3.58	3.58	3.58	3.55	3.58
dol. per short ton..													
Production:													
Beehive†.....thous. of short tons..	164	56	89	100	119	142	153	109	88	84	93	111	128
Byproduct†.....thous. of short tons..	3,831	2,833	3,048	3,112	3,364	3,309	3,141	3,257	3,466	3,753	3,695	3,718	3,866
Petroleum.....thous. of short tons..	123	119	108	106	126	108	105	109	113	122	120	121	121
Stocks, end of month:													
Byproduct plants.....thous. of short tons..	2,034	5,130	2,975	3,026	2,780	2,110	1,274	1,444	1,586	1,695	1,702	1,816	1,986
Petroleum, refinery.....thous. of short tons..	454	427	408	389	360	360	334	360	367	382	382	399	409
PETROLEUM AND PRODUCTS													
Crude petroleum:													
Consumption (run to stills).....thous. of bbl..	83,347	85,132	83,180	84,992	85,776	81,523	85,286	84,545	90,637	89,003	91,709	93,444	93,444
Imports#.....thous. of bbl..	2,629	2,870	2,128	3,161	2,256	2,758	2,183	2,864	2,661	2,872	2,591	2,871	2,871
Price, Kansas-Oklahoma.....dol. per bbl..	1.040	.940	.940	.940	1.015	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040
Production†.....thous. of bbl..	84,109	88,160	86,476	88,711	88,520	82,120	90,568	90,479	93,739	90,155	92,078	95,090	95,090
Refinery operations.....pet. of capacity	74	73	73	73	74	70	75	76	79	80	80	81	81
Stocks, end of month:													
California:													
Heavy crude and fuel oil‡													
thous. of bbl..	58,518	59,388	60,075	61,227	62,802	63,536	63,341	63,729	63,792	63,717	64,382	64,825	64,825
Light crude§	34,981	35,591	37,646	38,944	40,640	40,275	39,856	39,338	38,873	37,856	36,781	35,476	35,476
East of California, total†	278,643	274,508	270,906	268,781	265,195	263,436	266,092	268,560	268,650	265,554	262,013	258,685	258,685
Refineries†.....thous. of bbl..	53,710	51,751	50,495	* 49,089	48,789	47,686	51,741	53,053	53,989	53,028	53,221	51,691	51,691
Tank farms and pipe lines‡	224,933	222,817	220,411	* 219,692	216,406	215,750	214,351	215,507	214,661	211,926	208,792	206,994	206,994
Wells completed†.....number	1,286	1,243	1,318	1,149	1,199	995	1,287	1,557	1,567	1,654	* 1,788	1,566	1,566
Refined products:													
Gas and fuel oils:													
Consumption:													
Electric power plants†.....thous. of bbl..	1,257	1,044	1,166	1,102	1,132	1,093	975	995	1,014	1,156	* 1,228	* 1,311	* 1,311
Railroads.....thous. of bbl..	3,366	3,898	3,682	3,773	3,827	3,795	3,878	3,810	3,864	3,811	3,811	3,811	3,811
Vessels, bunker.....thous. of bbl..	3,248	2,560	2,740	2,329	2,400	2,590	2,690	3,005	2,643	3,184	3,193	2,992	2,897
Price, fuel oil, Oklahoma, 24-26 refineries	.750	.740	.700	.713	.725	.756	.800	.800	.800	.785	.763	.750	.750
dol. per bbl..													
Production:													
Residual fuel oil*†.....thous. of bbl..	21,495	22,652	23,278	25,005	24,573	23,751	23,667	23,062	23,925	22,499	23,144	23,287	23,287
Gas, oil and distillate fuels*†	8,885	9,068	8,598	9,885	10,587	11,125	10,262	9,553	10,169	9,567	10,323	10,627	10,627
Stocks:													
Residual fuel oil, east of California*†	27,351	26,265	25,509	22,827	20,281	18,027	17,529	16,996	18,293	18,506	19,525	20,379	20,379
Gas, oil and distillate fuels, total*†	24,272	24,299	23,263	19,930	17,418	15,322	15,746	17,031	19,910	22,475	24,814	27,645	27,645
Gasoline:													
Consumption†.....thous. of bbl..	37,862	41,401	35,956	33,734	32,553	27,216	35,871	38,825	42,007	44,630	* 46,638	46,081	46,081
Exports*.....thous. of bbl..	2,216	2,678	2,195	2,760	2,946	2,308	1,435	2,140	2,368	1,755	2,167	2,029	2,029
Price, wholesale:													
Drums, delivered, N. Y.....dol. per gal..	.150	.173	.173	.166	.154	.165	.165	.165	.165	.165	.155	.150	.150
Refinery, Oklahoma.....dol. per gal..	.055	.056	.056	.056	.056	.060	.061	.060	.060	.060	.060	.059	.059
Price, retail, service station, 50 cities	.134	.135	.137	.137	.142	.142	.139	.143	.143	.143	.143	.143	.143
dol. per gal..													
Production:													
At natural gas plants†.....thous. of bbl..	3,202	3,574	3,598	3,654	3,653	3,196	3,378	3,265	3,275	3,217	3,355	3,507	3,507
At refineries†.....thous. of bbl..	39,817	41,956	40,260	40,667	39,544	37,176	38,764	39,902	41,951	41,612	43,500	44,568	44,568
Retail distribution (41 States)†	1,174	1,204	1,093	1,007	973	833	1,091	1,148	1,239	1,324	1,406	1,372	1,372
mills. of gal..													
Stocks, end of month:													
At natural gas plants.....thous. of bbl..	2,760	2,442	1,945	1,645	1,743	1,833	2,172	2,641	2,646	2,973	* 2,921	2,753	2,753
At refineries†.....thous. of bbl..	27,166	27,280	28,043	31,328	36,158	44,612	45,799	44,361	42,527	39,050	35,062	33,417	33,417

* 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. 58, 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 refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936		1935				1936					
	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July

FUELS AND BYPRODUCTS—Continued

PETROLEUM AND PRODUCTS— Continued													
Refined products—Continued.													
Kerosene:													
Consumption†	thous. of bbl.	3,892	4,520	4,724	5,081	5,569	4,785	4,098	3,914	4,035	3,075	3,019	3,218
Exports	thous. of bbl.	590	750	370	585	497	473	455	435	512	380	664	607
Price, 150° water white, refinery, Pa.	dol. per gal.	.050	.049	.049	.049	.050	.051	.055	.055	.056	.055	.052	.049
Production§	thous. of bbl.	4,498	4,978	4,878	4,624	4,761	4,445	4,741	4,953	4,626	4,376	4,455	4,297
Stocks, end of month§	thous. of bbl.	9,238	9,318	8,879	7,915	6,599	5,784	5,974	6,496	6,681	7,296	8,228	8,690
Lubricating oil:													
Consumption†	thous. of bbl.	1,697	1,820	1,576	1,433	1,396	1,520	1,863	2,197	2,028	1,969	2,123	1,851
Price, cylinder oil, refinery, Pa.	dol. per gal.	.155	.120	.120	.120	.120	.126	.135	.139	.149	.154	.155	.155
Production§	thous. of bbl.	2,357	2,463	2,453	2,484	2,309	2,204	2,515	2,687	2,768	2,509	2,626	2,668
Stocks, refinery, end of month§	thous. of bbl.	6,607	6,612	6,857	7,025	7,127	7,385	7,137	7,044	6,884	6,799	6,620	6,730
Other products:													
Asphalt:													
Imports#	thous. of short tons.	3	7	6	12	3	1	1	1	4	3	1	1
Production†	thous. of short tons.	343	351	248	203	198	179	261	319	377	407	426	491
Stocks, refinery, end of month	thous. of short tons.	354	341	377	405	461	463	526	520	542	546	488	389
Coke. (See Coke.)													
Wax:													
Production	thous. of lb.	36,400	39,200	41,720	40,320	44,800	36,120	42,280	39,480	40,320	38,920	34,720	35,000
Stocks, refinery, end of mo§	thous. of lb.	131,560	124,557	120,398	114,675	118,636	118,312	119,684	121,857	121,416	117,362	118,257	116,888

LEATHER AND PRODUCTS

HIDES AND SKINS														
Imports, total hides and skins†	thous. of lb.	22,442	25,056	27,786	25,373	27,152	28,264	26,255	28,963	28,116	25,216	27,690	26,050	23,013
Calf and kip skins	thous. of lb.	1,967	2,225	2,236	1,960	2,291	2,390	2,035	1,354	1,215	2,336	1,434	2,015	1,068
Cattle hides	thous. of lb.	9,429	11,712	12,670	11,631	11,153	12,768	13,498	13,063	12,613	10,296	13,145	10,869	12,004
Goatskins	thous. of lb.	5,183	6,133	5,574	6,299	6,492	6,012	5,573	8,506	7,911	8,292	5,690	6,452	5,024
Sheep and lamb skins	thous. of lb.	4,354	3,146	5,827	2,685	3,872	3,499	3,265	4,668	4,809	2,549	5,989	4,792	3,521
Livestock, inspected slaughter:														
Calves▲	thous. of animals	553	458	531	480	481	465	405	483	525	503	517	523	541
Cattle▲	thous. of animals	1,071	886	1,083	856	892	906	742	763	812	786	853	928	1,012
Hogs▲	thous. of animals	2,403	1,453	2,135	2,422	2,874	3,428	2,319	2,617	2,559	2,759	2,739	2,692	2,254
Sheep▲	thous. of animals	1,593	1,549	1,765	1,407	1,369	1,540	1,314	1,374	1,267	1,213	1,309	1,352	1,395
Prices, wholesale:														
Packers, heavy native steers, Chicago	dol. per lb.	.147	.143	.154	.157	.148	.150	.146	.130	.130	.123	.125	.124	.131
Calfskins, packer's 8 to 15 lbs., Chicago	dol. per lb.	.172	.158	.176	.181	.175	.191	.180	.181	.188	.171	.177	.170	.174
LEATHER														
Exports:														
Sole leather	thous. of lb.	176	430	510	333	226	146	210	310	410	368	110	241	144
Upper leather*	thous. of sq. ft.	5,973	3,603	8,563	8,571	6,121	5,284	5,044	5,234	5,107	5,566	4,180	4,846	4,787
Production:														
Calf and kip*	thous. of skins.	1,227	1,253	1,051	1,092	1,195	1,002	960	1,046	998	1,199	1,289	1,134	
Cattle hides†	thous. of hides.	1,723	2,062	1,957	1,924	1,943	1,856	1,908	1,844	1,693	1,657	1,834	1,865	
Goat and kid†	thous. of skins.	3,993	4,562	4,126	4,393	4,168	3,757	3,786	4,018	3,990	4,055	3,989	3,900	
Sheep and lamb*†	thous. of skins.	3,061	4,111	3,628	3,153	3,135	3,125	2,824	2,925	2,897	2,849	3,237	3,378	
Prices, wholesale:														
Sole, oak, scoured backs (Boston)	dol. per lb.	.35	.35	.37	.39	.39	.39	.37	.36	.36	.36	.33	.33	.33
Upper, composite, chrome, calf, black, "B" grade	dol. per sq. ft.	.378	.373	.380	.386	.382	.382	.380	.378	.380	.380	.378	.370	.372
Stocks of cattle hides and leathers (all kinds) end of month:														
Total†	thous. of equiv. hides.	17,851	18,008	18,077	17,735	17,789	17,786	17,797	17,845	17,827	17,941	17,687	17,459	
In process and finished*	thous. of equiv. hides.	11,273	11,402	11,377	11,188	11,576	11,568	11,655	11,734	11,779	11,874	11,676	11,423	
Raw*†	thous. of equiv. hides.	6,578	6,606	6,700	6,547	6,213	6,218	6,142	6,111	6,048	6,067	6,011	6,036	
LEATHER MANUFACTURES														
Gloves and mittens:														
Production (cut), total*	dozen pairs.	255,792	286,857	253,795	163,467	147,776	183,485	205,081	203,126	201,375	203,250	220,474	242,741	
Dress and semidress*	dozen pairs.	142,230	178,372	168,487	94,725	82,884	109,573	117,791	117,320	121,661	126,406	139,173	153,229	
Work*	dozen pairs.	113,562	108,485	85,308	68,742	64,892	73,912	87,290	85,806	79,714	76,844	81,301	89,512	
Shoes:														
Exports	thous. of pairs.	149	73	106	82	65	43	97	188	104	106	112	82	103
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	5.50
Men's black calf oxford, factory	dol. per pair.	4.50	4.25	4.31	4.35	4.44	4.50	4.50	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	3.13	3.15	3.15	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 references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey

LEATHER AND PRODUCTS—Continued

1936	1935				1936								
	September	September	October	November	December	January	February	March	April	May	June	July	August
LEATHER MANUFACTURES—Cont.													
Shoes—Continued.													
Production, total†	49,097	33,909	35,948	27,715	28,949	32,420	32,142	34,159	32,688	29,807	29,007	35,210	40,225
Men's†	9,527	8,391	9,918	8,161	8,440	9,043	8,313	8,223	8,027	7,219	7,558	8,738	9,296
Boys' and youths'†	1,595	1,502	1,721	1,330	1,354	1,267	1,130	1,264	1,221	1,031	1,309	1,556	1,565
Women's†	16,458	13,275	11,813	7,034	9,794	13,436	13,843	14,441	13,042	11,906	10,463	14,289	17,509
Misses' and children's†	3,336	2,998	3,186	2,673	2,869	3,292	3,007	3,237	3,154	2,476	2,307	3,043	3,437
Slippers, all types†	5,773	4,857	6,124	5,570	3,277	3,633	2,140	2,726	2,904	3,139	3,695	4,484	5,192
All other footwear†	3,469	2,887	3,185	2,947	3,214	3,749	3,709	4,268	4,339	4,036	3,674	3,100	3,225

LUMBER AND MANUFACTURES

LUMBER—ALL TYPES														
Exports (boards, planks, and scantlings)*	M ft. b. m.	82,469	81,752	77,810	83,258	89,265	83,150	66,073	90,328	96,053	89,904	83,255	95,230	85,815
National Lumber Mfrs. Assn. †														
Production, total	mill. ft. b. m.	1,750	1,971	1,620	1,422	1,490	1,353	1,587	1,865	1,891	1,896	2,055	1,990	
Hardwoods	mill. ft. b. m.	293	302	273	267	229	215	244	253	253	273	282	283	
Softwoods	mill. ft. b. m.	1,457	1,669	1,347	1,155	1,261	1,138	1,343	1,613	1,638	1,623	1,773	1,706	
Shipments, total	mill. ft. b. m.	1,643	1,782	1,489	1,331	1,569	1,467	1,688	1,932	1,821	1,846	1,914	1,867	
Hardwoods	mill. ft. b. m.	259	270	262	229	238	238	281	267	259	257	259	267	
Softwoods	mill. ft. b. m.	1,384	1,512	1,227	1,102	1,331	1,229	1,407	1,665	1,562	1,589	1,655	1,600	
Stocks, gross, end of month total:														
Hardwoods	mill. ft. b. m.	6,967	7,121	7,235	7,273	7,203	7,103	6,998	6,933	7,013	7,060	7,200	7,358	
Softwoods	mill. ft. b. m.	1,993	1,943	1,935	1,915	1,905	1,882	1,843	1,836	1,832	1,845	1,866	1,883	
	mill. ft. b. m.	4,974	5,178	5,300	5,358	5,298	5,221	5,155	5,097	5,181	5,215	5,334	5,476	
Retail movement:														
Retail yards, Ninth Fed. Res. Dist.:														
Sales	M ft. b. m.	12,842	9,868	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.	72,208	70,228	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.	3,536	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.	31,349	27,902	28,164	27,703	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.	7,475	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.	10,984	4,989	4,763	4,683	6,444	9,368	11,303	16,456	15,012	13,159	12,396	18,854	
Production	M ft. b. m.	6,247	4,276	5,584	5,109	4,279	4,263	4,123	4,462	5,439	4,487	4,720	5,259	
Shipments	M ft. b. m.	6,486	4,035	4,891	4,609	3,907	3,879	3,930	5,324	5,457	5,528	5,818	6,777	
Stocks, end of month	M ft. b. m.	15,603	19,638	20,497	21,023	21,878	21,209	21,077	20,645	20,633	18,717	17,115	15,672	
Oak:														
Orders:														
New	M ft. b. m.	40,671	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.	36,647	13,065	14,347	19,925	25,492	35,301	52,892	43,793	33,521	28,564	27,323	26,863	
Production	M ft. b. m.	32,378	19,467	21,642	20,823	24,203	22,783	21,831	27,607	30,761	30,273	32,031	32,980	
Shipments	M ft. b. m.	33,432	17,402	23,475	19,447	19,497	25,395	23,081	28,479	29,483	28,579	31,617	30,123	
Stocks, end of month	M ft. b. m.	64,336	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.	28,920	26,952	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.	31,776	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)	(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.	11,228	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.	20,939	16,398	12,392	1,803	265	779	392	528	3,697	16,892	23,213	26,037	
Shipments	M ft. b. m.	11,736	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.	19,955	28,913	24,350	24,999	27,083	21,983	18,526	28,913	22,893	21,487	22,826	25,463	
Timber	M ft. b. m.	6,587	6,302	3,516	6,719	10,492	7,072	10,261	6,184	7,506	6,890	6,358	5,137	
Orders:														
New	M ft. b. m.	153,794	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.	69,976	61,029	69,962	65,010	90,889	77,275	72,930	95,191	87,173	80,354	67,772	56,301	
Price, flooring	dol. per M ft. b. m.	37.20	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.	142,668	125,132	148,566	134,190	125,928	141,315	124,541	148,229	153,187	158,529	145,342	143,342	
Shipments	M ft. b. m.	157,220	120,818	145,970	128,570	165,743	121,632	125,416	160,755	170,446	166,440	136,234	142,184	
Redwood, California:‡														
Orders:														
New	M ft. b. m.	34,426	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.	33,781	24,819	26,260	27,446	31,697	35,818	44,489	43,049	49,143	44,213	39,251	37,172	
Production	M ft. b. m.	38,928	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.	36,399	25,628	27,952	25,761	23,716	27,068	24,711	34,327	35,562	35,267	37,433	30,992	

* 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. 48 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					
	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August

LUMBER AND MANUFACTURES—Continued

FURNITURE													
Household:													
All districts:													
Plant operations*.....percent of normal...	81.0	61.0	62.0	61.0	59.0	60.0	58.0	58.0	59.0	59.0	65.0	68.0	74.0
Grand Rapids district:													
Orders:													
Cancelled.....percent of new orders...	5.0	4.0	6.0	8.0	13.5	3.0	9.0	10.0	6.0	5.0	5.0	3.5	3.0
New.....no. of days' production...	23	15	14	15	8	19	12	13	9	18	12	23	21
Unfilled, end of month													
no. of days' production...	33	19	16	16	12	18	16	13	11	18	17	25	30
Outstanding accounts, end of month													
no. of days' sales...	30	21	24	24	21	22	22	24	22	20	21	25	25
Plant operations†.....percent of normal...	73.0	55.0	56.0	58.0	57.0	57.0	57.0	57.0	54.0	56.0	58.0	60.5	63.5
Shipments.....no. of days' production...	18	12	14	13	11	12	12	13	11	11	11	15	16
Prices, wholesale:													
Beds.....1926=100...	71.1	66.3	66.3	66.3	66.3	67.5	67.5	67.5	67.5	67.5	67.5	67.9	70.4
Dining-room chairs, set of 6.....1926=100...	84.0	89.9	89.9	89.9	89.9	84.0	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	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
Living-room davenport.....1926=100...	87.5	78.6	78.6	78.0	78.0	87.5	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...	235,764	244,419	238,358	205,242	239,269	241,568	213,802	264,337	301,987	314,950	294,951	296,738	295,341
Imports*.....long tons...	59,903	53,158	59,569	56,637	53,678	50,489	43,358	56,720	49,277	59,391	59,910	47,940	60,697
Price, iron and steel, composite* dol. per long ton...	34.15	32.82	32.84	33.15	33.31	33.34	33.48	33.21	33.10	32.92	32.79	33.49	33.88
Ore													
Iron ore:													
Consumption by furnaces													
Imports#.....thous. of long tons...	4,027	2,654	2,911	3,026	3,101	2,952	2,632	2,898	3,485	3,882	3,763	3,826	3,969
Receipts:	258	165	114	158	138	154	125	132	177	199	170	198	234
Lake Erie ports and furnaces													
thous. of long tons...	5,383	3,250	3,162	1,472	18	0	0	0	0	2,651	4,692	5,064	5,120
Other ports.....thous. of long tons...	1,904	1,349	1,453	557	0	0	0	0	9	1,409	1,931	2,148	2,005
Shipments from upper Lake ports													
thous. of long tons...	7,481	4,818	4,601	1,557	0	0	0	0	19	5,050	6,608	7,160	7,444
Stocks, total, end of month													
thous. of long tons...	31,978	33,469	35,115	34,277	31,342	28,404	25,809	22,933	19,370	19,242	23,107	25,211	28,158
At furnaces.....thous. of long tons...	27,555	28,512	29,756	28,964	26,248	23,434	20,904	18,199	15,240	15,269	18,017	21,194	24,008
Lake Erie docks.....thous. of long tons...	4,422	4,957	5,359	5,313	5,093	4,970	4,904	4,734	4,130	3,974	4,045	4,017	4,150
Manganese ore, imports (manganese content)*.....thous. of long tons...	36	16	19	15	13	54	30	21	19	36	29	21	41
Iron, Crude and Semimanufactured													
Castings, malleable:*													
Orders, new.....short tons...	44,361	35,658	45,246	47,778	42,573	43,852	38,278	48,008	47,933	44,136	42,848	41,031	45,179
Production.....short tons...	46,552	36,996	43,467	44,277	45,595	48,198	40,611	45,536	50,954	45,027	43,766	44,413	42,253
Percent of capacity.....	57.0	44.7	51.0	53.1	55.0	57.1	49.9	55.9	62.6	55.3	53.9	53.3	52.6
Shipments.....short tons...	40,194	33,442	40,132	41,434	43,942	43,386	39,384	46,823	51,840	48,854	46,489	46,158	35,554
Pig iron:													
Furnaces in blast, end of month:													
Capacity.....long tons per day...	94,140	59,250	67,655	70,095	66,825	63,660	64,550	68,395	84,915	86,030	85,405	83,720	88,075
Number.....	155	104	116	122	120	117	120	126	144	146	145	146	148
Prices, wholesale:													
Basic (valley furnace).....dol. per long ton...	19.00	18.00	18.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.60	19.00
Composite pig iron.....dol. per long ton...	19.86	18.96	18.99	19.96	19.96	19.96	19.96	19.96	19.96	19.96	19.96	19.96	19.86
Foundry, no. 2, northern (Pitts.) dol. per long ton...	21.39	20.39	20.39	21.39	21.39	21.39	21.39	21.39	21.39	21.39	21.39	21.39	21.39
Production.....thous. of long tons...	2,730	1,776	1,978	2,066	2,106	2,026	1,824	2,040	2,404	2,648	2,586	2,594	2,712
Iron, Manufactured Products													
Cast-iron boilers and radiators:													
Boilers, range:†													
Orders:													
New.....number of boilers...	91,142	64,845	83,929	64,341	55,136	70,890	62,143	62,649	57,631	66,598	73,967	115,834	89,192
Unfilled, end of month, total‡													
number of boilers...	44,518	22,306	25,644	25,647	31,999	25,545	25,382	26,094	20,177	25,581	27,279	64,671	50,054
Production.....number of boilers...	96,757	61,808	84,328	63,500	57,723	65,409	65,658	64,227	65,773	60,352	74,212	80,036	105,208
Shipments.....number of boilers...	96,688	66,051	80,591	64,338	48,726	77,344	62,306	61,637	63,548	61,194	72,921	78,442	103,799
Stocks, end of month.....number of boilers...	39,233	37,783	41,490	40,652	49,625	37,690	41,042	43,332	45,557	44,715	38,161	39,755	39,164
Boilers, round:													
Production.....thous. of lb...	4,793	4,121	6,467	3,784	3,287	2,977	3,343	3,354	3,456	3,639	3,339	3,096	3,020
Shipments.....thous. of lb...	5,819	6,879	9,485	4,957	4,018	3,120	2,437	1,664	1,683	2,213	3,195	3,995	3,434
Stocks, end of month.....thous. of lb...	38,706	38,361	35,389	34,377	33,644	34,106	35,053	37,733	35,429	44,882	41,190	40,314	39,723
Boilers, square:													
Production.....thous. of lb...	29,922	20,906	27,425	17,487	18,941	17,599	18,454	17,957	18,176	19,043	21,625	24,867	27,265
Shipments.....thous. of lb...	33,549	31,761	41,380	20,325	16,330	13,786	11,955	8,984	11,129	13,562	19,523	20,290	24,858
Stocks, end of month.....thous. of lb...	137,671	126,889	115,096	112,592	114,019	114,696	121,258	129,632	127,274	150,558	143,991	139,619	142,225

* 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 references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936		1935				1936						
	September	September	October	November	December	January	February	March	April	May	June	July	August

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.....	8,211	5,860	7,451	6,835	5,589	5,730	5,107	5,721	6,032	5,768	5,981	6,414	7,160
Shipments.....short tons.....	9,615	6,330	8,454	6,620	4,248	5,194	5,217	5,721	5,910	5,923	6,132	7,690	9,529
Boiler fittings, malleable:													
Production.....short tons.....	5,200	3,627	4,162	4,532	3,794	3,970	3,982	3,817	4,296	4,196	4,173	4,233	4,225
Shipments.....short tons.....	5,454	3,392	4,670	4,357	2,503	3,393	3,475	3,663	4,201	4,442	4,202	4,401	5,697
Radiators:													
Production													
thous. of sq. ft. heating surface.....	7,917	5,937	7,430	5,037	4,706	4,733	4,951	5,046	6,345	6,253	5,981	6,821	7,487
Shipments													
thous. of sq. ft. heating surface.....	9,190	7,791	10,655	6,616	5,413	4,183	3,086	2,720	3,549	4,175	5,590	8,027	7,785
Stocks, end of month													
thous. of sq. ft. heating surface.....	38,216	33,853	31,493	30,000	29,420	30,243	32,224	34,779	36,997	40,368	40,179	39,223	39,246
Radiators, convection type: ^a													
New orders:													
Heating elements only, without cabinets or grilles													
thous. of sq. ft. heating surface.....	106	59	114	113	60	145	62	63	51	74	84	101	140
Heating elements, including cabinets and grilles													
thous. of sq. ft. heating surface.....	448	187	231	170	130	136	121	117	202	233	349	441	415
Sanitary Ware													
Bathroom accessories: [†]													
Production.....number of pieces.....	341,770	362,580	464,176	292,770	266,574	300,108	370,732	447,533	487,942				
Shipments.....number of pieces.....	312,007	326,585	408,402	283,996	283,996	254,473	333,338	386,783	466,171				
Stocks, end of month.....number of pieces.....	100,018	407,886	387,233	393,481	488,747	526,039	553,141	587,891	522,025				
Plumbing brass. (See Nonferrous metals.)													
Plumbing and heating equipment, wholesale price (8 pieces)*.....dollars.....													
	221.95	207.70	207.80	208.13	208.18	209.50	212.25	212.31	212.19	212.10	212.11	221.86	221.80
Porcelain enameled flatware:													
Orders, new, total.....dollars.....													
	1,119,743	822,997	937,394	816,050	751,629	773,168	786,380	877,598	1,088,105	1,005,791	951,022	1,027,198	1,105,921
Signs.....dollars.....	233,617	213,599	257,005	236,380	191,827	283,239	223,994	206,115	265,338	265,199	284,068	292,762	257,132
Table tops.....dollars.....	287,987	245,107	258,369	195,795	236,173	197,974	196,817	154,291	238,447	187,662	210,834	294,246	335,827
Shipments, total.....dollars.....	1,192,320	830,241	919,319	817,866	676,656	666,820	727,162	908,433	1,076,233	1,002,735	978,254	1,055,713	1,087,682
Signs.....dollars.....	316,116	243,535	218,000	249,153	196,287	172,813	179,453	220,427	315,556	281,205	284,574	298,549	285,935
Table tops.....dollars.....	338,500	222,447	298,499	195,707	169,096	194,726	187,073	176,295	205,747	189,980	234,884	310,063	310,583
Porcelain plumbing fixtures:													
Orders:													
New, net.....number of pieces.....													
	(2)	2,864	3,095	2,158	1,594	2,529	2,288	1,692	2,441	2,526	3,793	(2)	(2)
Unfilled, end of month													
number of pieces.....	(2)	3,339	3,583	2,763	1,912	2,722	3,227	2,753	3,053	3,251	3,924	(2)	(2)
Shipments.....number of pieces.....													
	(2)	3,026	2,713	2,746	1,635	1,597	1,730	2,068	1,896	2,195	3,034	(2)	(2)
Stocks, end of month.....number of pieces.....													
	(2)	6,635	6,685	6,874	7,268	7,836	8,595	8,962	9,515	9,683	9,270	(2)	(2)
Vitreous-china plumbing fixtures: [†]													
Orders:													
New, net.....number of pieces.....													
	(2)	179,928	132,378	132,867	139,596	373,413	204,249	165,624	143,323	157,807	(2)	(2)	(2)
Unfilled, end of month													
number of pieces.....	(2)	175,140	117,289	112,621	128,020	281,827	256,377	194,337	168,820	158,380	(2)	(2)	(2)
Shipments.....number of pieces.....													
	(2)	241,678	190,229	137,535	124,197	219,606	229,609	227,664	168,840	167,367	(2)	(2)	(2)
Stocks, end of month.....number of pieces.....													
	(2)	359,308	424,242	516,677	629,750	645,898	642,893	674,282	738,580	826,989	(2)	(2)	(2)
Steel, Crude and Semimanufactured													
Bars, steel, cold finished, shipments													
short tons.....	41,049	34,439	47,301	33,670	32,285	35,097	27,917	31,378	33,512	36,232	41,178	44,382	39,931
Castings, steel: [▲]													
Orders, new total.....short tons.....													
	56,877	29,995	34,553	32,714	40,529	59,019	51,701	71,341	83,188	63,950	94,345	74,011	59,393
Percent of capacity.....													
	47.7	25.2	29.0	27.4	34.0	49.5	43.4	50.8	69.8	53.6	79.1	62.1	49.8
Railway specialties.....short tons.....													
	16,686	5,616	8,201	7,071	13,919	22,542	16,650	32,542	45,942	25,755	52,466	34,445	21,455
Production, total.....short tons.....													
	76,617	35,411	42,597	36,165	37,793	44,298	47,954	51,674	63,087	64,246	70,323	78,654	81,574
Percent of capacity.....													
	61.2	29.7	35.7	30.3	31.7	37.1	40.2	43.3	52.9	53.9	59.0	66.0	68.4
Railway specialties.....short tons.....													
	34,304	10,568	12,347	10,024	10,076	13,373	15,830	17,385	24,712	25,857	30,802	34,358	36,826
Ingots, steel: [§]													
Production.....thous. of long tons.....													
	4,161	2,825	3,143	3,150	3,073	3,046	2,964	3,343	3,942	4,046	3,985	3,923	4,195
Percent of capacity.....													
	73	51	53	55	56	51	54	59	69	71	70	69	74
Prices, wholesale:													
Composite, finished steel.....dol. per lb.....													
	.0241	.0243	.0243	.0243	.0243	.0243	.0243	.0237	.0236	.0236	.0236	.0243	.0243
Steel billets, Bessemer, Pittsburgh.....dol. per long ton.....													
	36.40	27.00	27.00	28.00	29.00	29.00	29.00	28.20	28.00	28.00	28.00	30.00	30.00
Structural-steel beams, Pittsburgh.....dol. per lb.....													
	.0180	.0180	.0180	.0180	.0180	.0180	.0180	.0180	.0180	.0180	.0181	.0196	.0196
Steel scrap, Chicago.....dol. per gross ton.....													
	16.15	12.50	12.50	13.00	13.35	13.38	14.19	14.75	14.34	12.88	12.85	13.38	15.19
U. S. Steel Corporation:													
Earnings, net.....thous. of dol.....													
	30,193	13,470			20,418			17,665			29,227		
Shipments, finished products*.....long tons.....													
	961,863	614,933	686,741	681,820	661,515	721,414	676,315	783,552	979,907	984,097	886,065	956,531	923,763
Steel, Manufactured Products													
Barrels, steel:													
Orders, unfilled, end of month.....number.....													
	456,682	853,986	725,748	620,571	341,693	400,308	349,752	341,248	299,745	400,184	452,386	419,838	427,583
Production.....number.....													
	697,783	532,433	790,057	535,514	478,592	479,873	476,465	578,705	650,028	636,449	626,599	677,162	515,380
Percent of capacity.....													
	51.9	38.9	58.9	40.2	36.0	35.9	35.6	43.3	48.5	47.5	46.8	50.6	38.4
Shipments.....number.....													
	694,331	530,433	791,499	537,947	480,918	478,588	471,481	577,240	658,657	643,841	627,065	672,974	518,795
Stocks, end of month.....number.....													
	23,658	38,001	36,589	34,156	31,830	29,171	34,155	35,260	26,991	19,599	19,133	23,621	20,206

^a Revised. ^b Data covering non-vitreous clay, recessed and attachable accessories not included. ^c Discontinued by reporting source. ^d 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. ^e In equivalent direct radiation. ^f 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. ^g Steel casting series revised January 1935 by the increase of the number of companies from 164 to 189; comparable data not completed for 1934 and earlier years. Figures for 164 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 6,352. ^h 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 references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936		1935				1936							
	September	October	September	October	November	December	January	February	March	April	May	June	July	August

METALS AND MANUFACTURES—Continued

IRON AND STEEL—Continued														
Steel, Manufactured Products—Con.														
Boilers, steel, new orders:														
Area.....thous. of sq. ft.	1,056	575	784	464	685	623	810	500	784	723	1,131	1,110	1,075	
Quantity.....number of boilers	1,232	829	787	587	505	634	705	594	687	721	1,049	1,090	1,136	
Furniture, steel:														
Business group:														
Orders:														
New.....thous. of dol	1,587	1,393	1,618	1,507	1,520	1,619	1,427	1,667	1,583	1,514	1,565	1,511	1,517	
Unfilled, end of month.....thous. of dol	1,033	980	1,036	945	908	940	882	964	913	975	1,070	918	996	
Shipments.....thous. of dol	1,530	1,361	1,562	1,591	1,558	1,556	1,484	1,586	1,634	1,451	1,470	1,511	1,439	
Shelving:▲														
Orders:														
New.....thous. of dol	483	336	348	323	370	389	325	419	378	414	448	394	448	
Unfilled, end of month.....thous. of dol	394	210	212	206	196	243	198	235	229	262	294	358	386	
Shipments.....thous. of dol	425	342	346	329	370	342	371	382	384	381	416	393	420	
Sales:														
Orders:														
New.....thous. of dol	195	172	200	188	182	203	189	227	251	228	224	204	205	
Unfilled, end of month.....thous. of dol	178	281	277	285	255	109	173	190	197	318	216	208	204	
Shipments.....thous. of dol	220	159	205	180	205	176	185	210	244	207	226	205	209	
Lock washers, shipments.....thous. of dol	199	235	246	261	206	255	219	232	313	251	246	267	199	
Plate, fabricated steel, new orders:														
Oil storage tanks.....short tons	34,302	31,105	30,530	19,116	35,584	38,709	27,830	29,787	29,900	51,257	51,999	60,324	*31,999	
Sheets, black, blue, galvanized, and full finished:	9,446	3,531	5,850	2,617	9,341	3,354	5,940	3,620	5,678	9,311	21,861	9,968	8,604	
Orders:														
New.....short tons	255,557	196,423	226,209	289,101	203,318	174,805	138,244	251,818	190,269	191,511	261,439	192,873	207,781	
Unfilled, end of month.....short tons	287,746	198,424	211,452	286,799	299,394	267,673	231,660	280,493	221,950	217,831	276,551	263,531	237,029	
Production, total.....short tons	213,706	190,701	222,963	224,541	208,774	223,000	191,359	207,820	217,975	224,036	210,448	217,651	202,456	
Percent of capacity.....	70.2	63.0	73.5	74.1	68.9	73.3	62.9	68.3	71.6	73.6	69.2	71.5	66.5	
Shipments.....short tons	204,285	176,897	226,536	213,453	195,077	207,437	175,702	209,673	252,441	210,127	208,853	213,372	197,156	
Stocks, end of month, total.....short tons	137,556	142,922	145,306	149,122	149,213	152,283	168,572	141,916	124,239	138,510	136,605	138,884	141,323	
Unsold stocks.....short tons	71,367	75,581	83,200	81,597	74,516	84,037	86,971	70,648	65,783	72,333	75,912	72,603	79,451	
Tin and terneplate:*														
Production.....thous. of long tons														
Track work, production.....short tons	5,722	2,962	3,495	3,090	3,025	3,366	4,116	6,258	7,031	7,314	6,507	6,216	6,401	
MACHINERY AND APPARATUS														
Air-conditioning equipment:†														
Orders, new total.....thous. of dol	(1)	1,359	1,713	1,833	1,958	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Air-washer group.....thous. of dol	(1)	60	96	170	135	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Fan group.....thous. of dol	983	586	596	854	673	571	690	954	948	1,059	1,106	1,336	1,154	
Unit-heater group.....thous. of dol	1,013	713	1,021	809	1,151	711	715	561	576	564	626	763	871	
Electric overhead cranes:														
Orders:														
New.....thous. of dol	479	245	194	392	386	626	349	363	572	889	281	404	539	
Unfilled, end of month.....thous. of dol	2,275	1,475	1,166	1,682	1,194	1,700	1,676	1,723	2,026	2,641	2,242	2,085	2,208	
Shipments.....thous. of dol	412	471	603	476	274	217	373	317	277	268	680	566	416	
Electrical equipment. (See Nonferrous metals.)														
Exports, machinery. (See Foreign Trade.)														
Foundry equipment:														
Orders:														
New.....1922-24=100	161.0	128.5	140.0	100.4	118.1	127.0	110.4	115.0	134.0	165.4	141.4	159.6	145.4	
Unfilled, end of month.....1922-24=100	162.8	144.5	164.7	119.2	90.8	107.5	130.4	94.4	123.2	142.6	130.8	144.5	152.1	
Shipments.....1922-24=100	150.5	124.7	119.7	145.2	147.6	110.4	114.5	124.0	105.1	140.7	153.0	145.7	137.2	
Fuel equipment:														
Oil burners:‡														
Orders:														
New.....no. of burners	34,893	29,090	24,088	9,553	7,765	7,275	7,139	9,235	10,373	12,578	15,788	16,183	22,102	
Unfilled, end of month.....no. of burners	3,092	3,807	2,108	1,612	1,648	1,487	1,531	2,034	2,365	4,078	3,641	4,224	4,224	
Shipments.....no. of burners	35,025	27,143	25,657	10,049	7,729	7,436	7,095	8,732	10,042	12,204	14,449	17,226	20,910	
Stocks, end of month.....no. of burners	16,444	11,631	12,047	14,101	15,565	13,437	14,057	15,090	16,901	18,794	19,221	21,542	23,578	
Pulverized fuel equipment:														
Orders, new, storage system:														
Furnaces and kilns.....no. of pulverizers	0	0	0	0	0	2	0	1	0	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	0	1	2	0	1	7	1	1	1	1	6	0	2	
Furnaces and kilns.....no. of pulverizers	10	6	9	3	16	13	5	6	2	3	11	2	3	
Water-tube boilers.....no. of pulverizers	12	7	24	13	33	20	17	16	38	25	31	21	29	
Stokers, mechanical, new orders:†														
Class 1, residential.....number	15,040	8,687	8,777	4,287	3,078	2,065	2,342	2,376	2,745	3,547	4,381	5,488	8,433	
Class 2, apartment and small commercial.....number	805	615	683	359	281	187	167	130	130	123	199	316	492	
Class 3, general commercial and small commercial heaters.....number	268	272	268	145	108	84	71	40	44	60	76	148	198	
Class 4, large commercial:														
Number.....	499	345	310	213	196	161	126	132	152	183	242	336	434	
Horsepower.....	75,106	55,260	51,031	34,849	34,166	27,297	25,120	24,775	43,080	36,935	49,376	67,218	80,268	
Machine tools:•														
Orders:														
New*.....avg. mo. shipments 1926=100	118.5	80.0	102.9	98.6	98.3	110.8	112.1	65.3	125.7	118.9	128.8	150.1	127.5	
Pumps:														
Domestic, water, shipments:‡														
Pitcher, hand, and windmill.....units	46,688	30,014	21,775	22,358	19,493	39,221	35,621	41,192	40,004	41,259	51,484	59,217	54,932	
Power, horizontal type.....units	820	782	915	681	613	772	659	964	968	1,229	1,198	1,320	1,377	
Measuring and dispensing, shipments:														
Gasoline:														
Hand-operated.....units	867	662	564	583	592	426	569	599	851	798	574	757	680	
Power.....units	9,309	5,121	5,491	4,785	4,901	4,517	3,992	5,226	8,703	8,023	8,774	9,325	8,959	
Oil, grease, and other:														
Hand-operated.....units	8,468	7,631	7,963	8,166	5,995	5,678	4,401	9,492	9,720	10,332	9,916	11,855	8,013	
Power.....units	959	956	1,178	699	823	966	881	1,259	844	1,110	964	1,097	1,172	

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

METALS AND MANUFACTURES—Continued

MACHINERY AND APPARATUS—Con.														
Pumps—Continued.														
Steam, power, and centrifugal:														
Orders, new.....thous. of dol..	931	615	658	719	832	1,039	1,044	1,068	1,066	1,029	1,049	1,175	1,303	
Water-softening apparatus, shipments†														
units.....	954	583	812	715	666	754	737	980	1,031	1,014	1,052	845	1,016	
Water systems, shipments†	14,704	8,560	8,946	8,125	7,195	9,856	6,371	10,364	11,496	13,106	16,714	16,740	14,410	
Woodworking machinery:														
Orders:														
Canceled.....thous. of dol..	9	11	2	9	8	12	3	5	7	9	9	12	16	
New.....thous. of dol..	152	281	404	311	520	449	412	417	377	439	445	474	571	
Unfilled, end of month.....thous. of dol..	819	422	441	404	462	538	581	632	610	604	597	610	657	
Shipments:														
Quantity.....machines..	358	170	249	241	188	190	201	224	217	247	267	280	300	
Value.....thous. of dol..	490	302	373	383	419	361	365	358	383	444	445	439	494	
NONFERROUS METALS AND PRODUCTS														
Metals														
Aluminum:														
Imports, bauxite#.....long tons..	22,836	17,960	16,246	14,534	24,439	24,251	18,997	19,938	21,685	28,003	41,043	29,113	40,506	
Price, scrap, cast (N. Y.).....dol. per lb..	.1198	.1219	.1251	.1263	.1263	.1260	.1257	.1263	.1257	.1207	.1188	.1165	.1163	
Babbitt metal (white-base antifriction bearing metals):														
Production†.....thous. of lb..	2,654	2,002	2,294	2,113	1,954	2,510	2,013	2,064	2,414	2,312	2,374	2,540	2,495	
For own use.....thous. of lb..	678	384	650	613	469	546	524	453	549	420	495	563	772	
Sales†.....thous. of lb..	1,977	1,618	1,643	1,500	1,485	1,964	1,499	1,612	1,865	1,893	1,879	1,976	1,723	
Copper:														
Exports, refined*.....short tons..	22,282	20,050	20,275	25,592	22,104	12,573	19,313	17,438	16,700	19,683	23,969	21,703	24,249	
Imports, total‡.....short tons..	12,939	22,239	24,327	20,772	27,456	14,749	16,723	16,427	11,310	15,700	14,671	17,186	14,277	
Ore and blister.....short tons..	21,087	23,095	20,118	25,255	22,935	12,935	12,935	12,935	12,935	12,935	12,935	12,935	12,935	
Price, electrolytic (N. Y.).....dol. per lb..	.0953	.0850	.0897	.0903	.0903	.0903	.0903	.0903	.0917	.0928	.0928	.0935	.0953	
Lead:														
Ore:														
Receipts in U. S. ore.....short tons..	28,599	27,847	31,412	31,648	29,464	28,195	29,341	29,535	30,547	31,828	34,137	31,314		
Shipments, Joplin district.....short tons..	2,970	2,628	3,006	7,977	8,639	3,183	6,467	4,550	2,950	4,540	3,500	5,850	3,180	
Refined:														
Imports#.....short tons..	382	1,440	1,774	521	1,217	869	742	946	718	2,967	1,027	1,192	2,997	
Price, pig, desilverized (N. Y.).....dol. per lb..	.0460	.0441	.0451	.0450	.0450	.0450	.0452	.0460	.0460	.0460	.0460	.0460	.0460	
Production.....short tons..	29,788	29,358	37,844	36,229	37,958	34,088	32,221	32,184	36,175	39,558	36,756	36,863	31,117	
Shipments, reported.....short tons..	50,685	37,615	42,271	43,035	42,333	34,590	33,086	36,743	40,457	33,125	37,736	38,996	46,888	
Stocks, end of month.....short tons..	200,517	224,992	225,300	222,636	222,306	224,013	225,019	223,388	220,991	229,409	230,481	231,081	218,233	
Tin:														
Consumption in manufacture of tin and terneplate*.....long tons..	3,300	1,790	1,890	2,120	2,350	2,300	2,400	2,350	2,850	3,300	3,520	3,260	3,050	
Deliveries.....long tons..	6,200	5,360	5,355	4,035	5,360	6,635	5,600	5,520	6,235	5,235	7,795	7,120	5,385	
Imports, bars, blocks, etc.#.....long tons..	5,626	6,773	4,095	4,700	6,287	6,646	6,525	6,104	4,994	5,493	8,134	6,674	6,069	
Price, Straits (N. Y.).....dol. per lb..	.4474	.4907	.5121	.4977	.4977	.4724	.4792	.4799	.4694	.4630	.4222	.4297	.4257	
Stocks, end of month:														
World, visible supply.....long tons..	13,587	11,939	13,425	15,049	13,782	13,338	15,607	16,074	13,328	15,967	14,260	13,795	15,295	
United States.....long tons..	2,860	2,849	1,359	1,472	2,312	2,985	3,523	3,968	2,713	2,941	3,054	2,151	3,095	
Zinc:														
Ore, Joplin district:														
Shipments.....short tons..	35,780	36,436	34,736	48,579	40,889	35,200	36,770	38,640	40,060	40,900	29,420	22,060	35,810	
Stocks, end of month.....short tons..	30,590	25,409	23,093	25,344	21,000	24,900	25,130	26,930	28,070	33,560	39,240	41,270	37,180	
Price, slab, prime, western (St. Louis).....dol. per lb..	.0485	.0467	.0483	.0485	.0485	.0485	.0486	.0490	.0490	.0488	.0478	.0480	.0480	
Production, total (primary)†.....short tons..	42,283	36,221	36,716	37,469	40,550	41,917	36,228	42,483	43,252	44,905	44,947	45,553	43,614	
Retorts in operation, end of mo. number	40,672	34,870	34,777	36,650	38,329	38,205	38,004	37,922	41,400	41,048	40,700	41,308	41,308	
Shipments total.....short tons..	51,847	42,351	47,063	48,172	42,058	46,468	39,918	38,159	42,311	43,977	41,654	41,891	46,085	
Domestic.....short tons..	51,847	42,351	47,063	48,172	42,058	46,468	39,918	38,159	42,311	43,977	41,654	41,891	46,085	
Stocks, refinery, end of month†.....short tons..	76,630	106,316	95,959	85,266	83,758	79,207	75,517	79,841	80,782	81,710	85,063	88,665	86,191	
Electrical Equipment														
Furnaces, electric, new orders.....kilowatts..	3,203	1,609	1,903	2,055	1,369	2,258	3,903	2,992	3,246	3,637	3,631	2,262	4,391	
Electrical goods, new orders‡ (quarterly).....thous. of dol..	189,516	143,132	139,012	139,012	139,012	139,012	139,012	139,012	139,012	139,012	139,012	139,012	139,012	
Laminated phenolic products, shipments.....dollars..	1,116,177	832,902	1,061,285	878,041	813,455	826,392	844,374	924,238	1,004,258	1,145,695	1,135,858	1,141,135	1,074,952	
Mica, manufactured:														
Orders, unfilled, end of month.....thous. of dol..	174	119	179	109	121	135	113	157	143	132	146	123	170	
Shipments.....thous. of dol..	233	172	201	187	147	178	153	188	210	202	187	229	196	
Motors (direct current):														
Billings (shipments).....dollars..	374,026	348,942	490,201	571,756	432,481	533,595	424,944	518,357	521,953	553,660	522,850	606,547	606,547	
Orders, new.....dollars..	454,450	445,613	405,167	625,708	454,601	612,483	585,348	594,719	613,371	608,317	568,815	682,362	682,362	
Panel boards and cabinets, shipments.....thous. of dol..	285	338	293	306	306	306	306	306	306	306	306	306	306	
Porcelain, electrical, shipments:														
Special.....dollars..	94,304	79,377	101,108	83,238	70,698	81,064	78,914	77,690	92,637	84,436	94,437	103,457	99,766	
Standard.....dollars..	43,103	34,737	41,249	35,458	26,881	33,858	29,923	27,694	35,228	43,089	44,654	34,732	35,069	
Power cables, shipments.....thous. of ft..	655	332	455	293	233	323	419	446	408	533	536	572	664	
Power switching equipment, new orders:														
Indoor.....dollars..	75,306	46,781	43,435	46,328	64,691	41,637	62,163	57,981	68,080	77,795	72,425	118,256	85,758	
Outdoor.....dollars..	222,832	102,719	127,347	135,293	115,247	91,522	156,313	166,011	214,250	162,165	143,898	293,674	165,245	
Reflectors, industrial, sales.....units	114,289	71,093	83,002	87,811	81,897	97,560	70,693	89,044	111,617	88,971	97,632	89,624	80,232	
Refrigerators, household, sales*.....number	53,622	43,706	46,930	75,904	51,807	119,764	179,056	272,139	304,059	329,140	237,371	265,098	106,975	
Vacuum cleaners, shipments:														
Floor cleaners.....number..	104,944	78,343	53,627	85,816	86,763	74,733	86,084	114,001	104,559	105,275	80,649	71,628	84,108	
Hand-type cleaners*.....number..	39,118	27,478	29,047	29,261	26,570	24,699	23,769	35,878	29,588	32,175	22,295	18,765	22,191	

* 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 hand-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 62 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. 29 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						
	September	September	October	November	December	January	February	March	April	May	June	July	August

METALS AND MANUFACTURES—Continued

NONFERROUS METALS AND PRODUCTS—Continued														
Electrical Equipment—Continued														
Vulcanized fiber:														
Consumption.....thous. of lb.	2,185	1,423	1,782	2,112	1,718	1,781	1,635	1,830	2,129	2,248	2,116	2,179	2,210	
Shipments.....thous. of dol.	517	420	509	440	387	455	417	492	470	471	489	625	485	
Welding sets, new orders:▲														
Multiple operator.....units		0	7	0	0	2	0	2	1	5	0	0	0	
Single operator.....units		480	430	467	543	796	810	1,048	1,073	830	881	931	854	
Miscellaneous Products														
Brass and bronze (ingots):*														
Shipments and deliveries.....net tons.	6,783	5,195	6,294	5,044	5,894	5,948	5,645	5,897	6,012	5,747	5,996	6,339	6,379	
Brass, plumbing:														
Shipments*†.....number of pieces.	1,561,410	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	1,502,900	1,428,850	
Brass sheets, wholesale price, mill														
dol. per lb.	.155	.142	.145	.146	.146	.146	.146	.146	.148	.151	.151	.152	.154	
Copper, wire cloth:														
Orders:														
New.....thous. of sq. ft.	455	439	386	424	386	418	370	413	369	416	408	384	423	
Unfilled, end of month.....thous. of sq. ft.	528	560	483	527	605	528	495	516	412	441	500	478	469	
Production.....thous. of sq. ft.	433	375	442	384	379	447	406	424	450	387	413	413	408	
Shipments.....thous. of sq. ft.	442	359	440	396	395	398	416	411	439	386	379	416	406	
Stocks, end of month.....thous. of sq. ft.	740	788	741	725	695	689	689	709	702	706	740	718	698	

PAPER AND PRINTING

WOOD PULP‡													
Consumption and shipments.....short tons.	362,504	401,864	394,485	388,244	415,790	393,987	405,454	443,272	437,970	435,358	426,449	445,641	445,641
Groundwood.....short tons.	86,047	98,365	98,100	96,445	107,413	97,411	102,102	110,806	112,758	111,905	105,467	105,126	105,126
Sulphate.....short tons.	120,234	127,598	124,418	120,807	139,951	130,084	136,479	136,761	148,433	147,321	144,639	155,175	155,175
Sulphite, total.....short tons.	121,767	136,623	134,291	135,317	129,249	129,571	127,281	154,300	138,504	138,111	139,815	144,557	144,557
Bleached.....short tons.	72,675	78,624	79,011	78,217	77,100	77,174	77,726	98,791	84,910	86,494	87,940	91,583	91,583
Unbleached.....short tons.	49,092	57,999	55,280	57,100	52,149	52,343	49,555	55,509	53,594	51,617	51,875	52,974	52,974
Soda.....short tons.	33,719	30,483	30,256	29,399	32,099	30,639	32,873	34,784	31,669	31,497	30,855	33,072	33,072
Damaged, off-quality & misc'l.....short tons.	7,330	8,795	7,420	6,276	7,078	6,336	6,719	6,621	6,606	6,524	6,173	7,711	7,711
Production, all grades.....short tons.	355,416	389,331	388,785	386,523	419,946	398,340	417,948	441,901	450,261	435,885	418,296	439,104	439,104
Groundwood.....short tons.	75,357	89,067	94,007	99,402	106,794	100,575	110,057	120,054	120,427	110,339	97,253	95,114	95,114
Sulphate.....short tons.	119,590	126,332	125,609	121,148	139,329	131,642	136,076	137,792	148,047	148,148	144,959	155,327	155,327
Sulphite, total.....short tons.	125,671	135,193	132,294	130,975	134,290	129,000	133,143	142,459	142,889	139,591	137,240	147,587	147,587
Bleached.....short tons.	76,486	78,227	75,977	75,236	79,704	78,105	80,749	90,474	90,265	87,123	85,984	91,793	91,793
Unbleached.....short tons.	49,185	56,966	56,317	55,739	54,586	50,895	52,394	51,985	52,624	52,468	51,256	55,794	55,794
Soda.....short tons.	34,176	30,022	29,171	28,821	32,381	30,989	31,794	35,104	32,282	31,643	30,687	33,383	33,383
Damaged, off-quality & misc'l.....short tons.	7,257	8,717	7,704	6,177	7,152	6,134	6,878	6,492	6,616	6,164	6,157	7,693	7,693
Stocks.....short tons.	109,616	97,683	91,984	90,263	89,343	93,696	106,190	104,819	117,109	117,637	107,485	100,947	100,947
Groundwood.....short tons.	45,594	36,896	32,808	35,760	30,360	33,524	41,479	50,727	58,356	56,830	48,616	38,604	38,604
Sulphate.....short tons.	5,736	4,470	5,661	6,002	5,285	6,843	6,440	7,471	7,085	7,912	8,232	8,384	8,384
Sulphite, total.....short tons.	52,663	51,233	49,236	44,894	49,735	49,218	55,080	43,239	47,624	49,104	46,529	49,559	49,559
Bleached.....short tons.	36,360	35,953	32,919	29,938	32,639	33,570	36,593	28,276	33,631	34,260	32,304	32,514	32,514
Unbleached.....short tons.	16,313	15,280	16,317	14,956	17,096	15,648	18,487	14,963	13,993	14,884	14,225	17,045	17,045
Soda.....short tons.	4,657	5,047	5,502	2,924	3,206	3,556	2,477	2,797	3,409	3,556	3,889	4,199	4,199
Damaged, off-quality & misc'l.....short tons.	576	498	782	683	757	555	714	585	595	235	219	201	201
Imports:													
Chemical, total†.....short tons.	208,933	165,848	228,504	199,812	243,858	213,837	160,649	143,576	122,060	160,048	235,129	207,444	222,320
Groundwood#.....short tons.	28,183	14,818	31,097	23,621	28,116	20,392	13,796	20,457	13,905	21,437	14,529	25,628	19,850
Price, wholesale, sulphite, unbleached													
dol. per 100 lb.	1.94	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.91	1.93	1.93	1.93
PAPER§													
Total paper:†													
Paper, including newsprint and paperboard:													
Production.....short tons.	756,573	914,297	783,341	717,604	819,300	753,581	776,471	867,931	798,060	797,826	846,434	833,398	833,398
Paper, excluding newsprint and paperboard:													
Orders, new.....short tons.	415,046	493,851	398,139	369,837	451,268	401,523	453,983	485,208	415,828	406,228	466,482	428,592	428,592
Production†.....short tons.	395,715	488,727	410,096	398,141	469,036	410,225	414,714	496,498	432,814	429,324	474,040	439,669	439,669
Shipments†.....short tons.	394,392	484,855	411,434	383,172	472,010	400,525	413,778	485,666	424,281	415,506	480,156	424,127	424,127

• 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, 68 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 references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936		1935				1936						
	September	September	October	November	December	January	February	March	April	May	June	July	August
PAPER AND PRINTING—Continued													
PAPER—Continued													
Book paper:*													
Coated paper:													
Orders, new.....short tons..	18,895	18,903	19,912	19,264	17,352	22,352	22,541	31,096	18,610	17,097	16,502	16,576	18,531
Orders, unfilled.....short tons..	7,407	8,808	7,924	7,225	10,043	10,351	11,364	17,314	11,336	9,106	8,218	6,657	6,780
Production.....short tons..	19,239	18,640	21,197	20,066	18,831	23,106	21,844	24,697	23,525	21,409	19,260	19,228	20,103
Percent of potential capacity.....	77.7	64.3	65.0	58.1	63.7	63.4	66.8	76.0	79.0	71.0	68.0	66.3	69.4
Shipments.....short tons..	18,983	17,654	21,728	20,746	19,145	23,640	22,752	25,998	23,734	21,308	18,497	18,885	20,887
Stocks, end of month.....short tons..	12,157	16,595	16,064	16,580	14,961	16,243	15,050	12,528	11,992	12,093	12,245	12,878	13,284
Uncoated paper:													
Orders, new.....short tons..	91,452	83,400	88,329	87,252	82,558	98,108	93,960	128,902	85,548	72,800	77,313	82,107	85,004
Orders, unfilled.....short tons..	34,268	35,464	32,771	35,065	37,746	40,212	43,739	65,508	49,939	37,369	35,013	33,658	33,831
Production.....short tons..	95,793	87,911	95,894	89,262	91,075	101,223	96,968	101,669	107,533	97,369	86,676	89,210	93,988
Percent of potential capacity.....	83.2	70.1	72.4	66.4	71.5	71.8	73.9	80.0	85.4	77.5	71.6	73.4	76.0
Shipments.....short tons..	94,141	88,127	92,415	91,197	84,964	99,769	96,293	107,116	105,689	90,507	83,718	86,049	92,611
Stocks, end of month.....short tons..	94,548	73,098	74,820	74,399	79,518	81,821	81,713	73,349	76,033	82,280	83,644	87,036	88,970
Fine paper:*													
Orders, new.....short tons..	28,666	37,763	29,802	29,912	43,582	36,999	39,086	44,620	30,922	31,641	37,073	31,516	31,516
Orders, unfilled.....short tons..	9,269	8,666	8,245	8,857	10,560	12,813	16,121	16,169	13,194	12,274	10,911	9,684	9,684
Production.....short tons..	28,494	39,075	31,281	31,633	41,979	38,155	33,676	47,990	35,561	35,077	39,358	33,626	33,626
Shipments.....short tons..	28,599	38,959	30,709	28,355	43,437	34,803	35,435	45,119	33,539	33,023	39,951	31,838	31,838
Stocks, end of month.....short tons..	56,903	56,504	56,867	60,206	59,143	62,400	61,141	61,545	62,510	65,784	62,927	65,527	65,527
Wrapping paper:*													
Orders, new.....short tons..	141,541	184,471	134,343	125,290	149,305	125,557	133,755	177,510	151,013	140,385	167,815	141,436	141,436
Orders, unfilled.....short tons..	70,686	79,566	73,774	71,348	59,041	58,545	61,417	77,344	73,312	72,439	74,750	77,400	77,400
Production.....short tons..	135,278	176,973	138,523	131,544	160,822	130,719	132,887	165,537	140,120	144,615	163,588	147,142	147,142
Shipments.....short tons..	132,926	175,974	140,060	127,051	163,312	126,821	128,056	161,543	144,232	143,367	167,586	140,740	140,740
Stocks, end of month.....short tons..	107,856	107,655	105,468	108,178	106,644	110,424	114,066	118,269	114,092	113,711	109,180	112,323	112,323
Newsprint:													
Canada:													
Exports.....short tons..	278,368	208,912	240,421	244,037	277,838	184,884	184,079	256,564	192,894	258,288	283,589	234,050	257,577
Production.....short tons..	269,782	233,968	266,515	262,854	244,732	227,955	221,190	242,900	258,721	267,067	270,881	274,627	270,053
Shipments from mills.....short tons..	269,689	225,403	266,679	265,179	255,233	181,403	206,010	239,253	267,296	286,445	263,684	271,794	278,219
Stocks, at mills, end of month.....short tons..	65,989	73,743	73,579	50,993	30,138	76,658	92,082	96,254	85,629	66,240	73,199	75,430	65,794
United States:†													
Consumption by publishers.....short tons..	175,811	160,558	179,821	187,448	186,514	161,185	182,313	183,974	183,399	227,216	178,396	170,884	168,289
Imports #.....short tons..	238,317	190,272	222,811	234,305	249,876	179,982	157,456	220,641	203,590	262,580	222,187	205,704	246,186
Price, rolls, contract, destination, N. Y. base.....dol. per short ton..	41.00	40.00	40.00	40.00	40.00	41.00	41.00	41.00	41.00	41.00	41.00	41.00	41.00
Production, total.....short tons..	72,216	71,262	79,974	78,955	75,899	79,336	72,249	76,500	76,504	75,719	79,820	73,361	74,338
Shipments from mills.....short tons..	75,466	73,067	82,220	81,151	79,672	74,126	70,650	74,482	77,714	77,273	74,838	74,780	72,645
Stocks, end of month:													
At mills.....short tons..	17,397	16,450	14,340	12,473	10,266	14,275	16,032	18,163	17,087	15,906	21,027	19,857	21,464
At publishers.....short tons..	230,001	221,114	222,362	223,377	240,838	237,955	221,165	203,514	188,453	191,463	193,464	201,099	219,727
In transit to publishers.....short tons..	43,070	38,703	34,754	41,727	53,302	35,178	39,387	40,851	48,567	44,860	40,573	46,971	42,789
Paperboard:‡													
Consumption, waste paper.....short tons..	231,046	244,963	288,668	246,318	196,429	229,064	226,216	237,601	245,566	241,895	241,656	249,402	268,770
Orders:													
New.....short tons..	353,197	307,103	351,857	272,477	234,753	283,890	268,843	290,854	298,180	280,899	290,098	304,747	332,553
Unfilled, end of month.....short tons..	135,732	105,088	107,074	88,971	81,894	94,210	91,917	96,202	90,796	92,781	96,402	101,557	117,443
Production.....short tons..	328,519	289,596	345,596	294,290	243,594	270,928	271,107	285,257	294,929	289,527	285,682	299,633	319,391
Percent of capacity.....	79.1	74.1	79.5	73.6	60.9	63.4	68.4	69.4	71.6	71.0	70.5	69.7	76.7
Stocks of waste paper, end of month:													
At mills.....short tons..	191,408	220,998	214,685	213,297	211,029	216,040	193,919	204,376	204,353	213,435	218,330	219,642	207,886
In transit and unshipped purchases.....short tons..	(1)	38,420	40,780	35,044	35,269	39,737	39,983	38,167	44,306	(1)	(1)	(1)	(1)
PAPER PRODUCTS													
Abrasive paper and cloth, shipments:													
Domestic.....reams..	79,469	66,455	73,057	66,453	55,740	65,784	59,936	67,405	77,561	90,064	76,084	69,709	76,191
Foreign.....reams..	7,455	8,743	9,082	9,428	15,231	7,712	4,575	9,769	10,241	7,864	9,479	7,366	10,176
Paperboard shipping boxes:													
Shipments, total.....mills of sq. ft.:	2,176	2,412	1,991	1,781	1,964	1,846	2,019	2,095	2,268	2,188	2,249	2,698	2,698
Corrugated*.....mills of sq. ft.:	1,931	2,165	1,796	1,604	1,768	1,653	1,804	1,873	2,035	1,945	1,994	2,382	2,382
Solid fiber*.....mills of sq. ft.:	245	247	195	176	196	194	215	222	233	242	255	317	317
PRINTING													
Blank forms, new orders.....thous. of sets..	107,421	88,721	100,160	94,574	92,113	95,196	84,853	95,189	101,805	96,677	100,725	107,837	104,349
Book publication, total number of editions.....	787	893	897	836	836	536	842	953	834	990	729	723	890
New books.....number of editions.....	611	681	700	688	430	676	801	718	795	602	575	731	731
New editions.....number of editions.....	176	187	197	148	106	166	152	136	195	127	148	159	159
Operations (productive capacity).....1923=100.....	83	85	86	84	82	83	82	84	86	81	80	86	86
Sales books:													
Orders, new†.....(thous. of books).....	16,920	14,643	17,503	15,785	15,500	14,966	13,033	15,778	15,031	15,581	17,485	18,384	16,683

* 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 1935 issue.

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

RUBBER AND RUBBER PRODUCTS

CRUDE AND SCRAP RUBBER													
Crude:													
Consumption, total.....long tons.....	45,463	34,000	38,192	38,500	38,648	43,655	33,071	38,433	46,707	45,434	47,372	45,721	45,257
For tires and tubest.....long tons.....		21,250	23,627	22,818	23,198	27,437	20,464	21,372	28,666	29,518	30,916	31,688	29,017
Imports, total, including latex#.....long tons.....	50,033	35,707	36,378	26,073	39,812	33,921	34,339	34,874	45,830	37,050	38,273	24,450	41,788
Price, wholesale, smoked sheets, N. Y. dol. per lb.....	164	116	127	131	132	144	154	159	159	156	159	165	163
Shipments, world.....long tons.....	70,000	74,000	75,000	63,000	62,000	62,000	63,000	68,000	60,000	68,013	65,627	82,073	72,000
Stocks, world, end of month.....long tons.....	485,500	691,509	655,000	623,300	611,987	600,479	599,355	574,504	558,583	533,411	511,931	510,872	492,439
Afloat, total.....long tons.....	95,000	100,000	100,000	89,000	82,000	84,000	85,000	90,000	83,000	89,000	90,000	106,000	99,000
To United States.....long tons.....	62,210	43,413	49,913	46,588	39,094	43,870	46,532	58,935	47,678	48,860	47,228	60,343	63,597
London and Liverpool.....long tons.....	103,962	174,894	168,570	166,896	164,200	162,107	157,028	147,712	140,404	130,509	122,285	113,386	108,215
British Malaya.....long tons.....	60,287	67,361	71,868	66,794	61,692	66,618	72,530	61,045	66,290	59,866	62,426	63,838	63,138
United States.....long tons.....	225,239	319,254	312,112	294,610	303,000	287,754	284,797	275,837	268,880	253,955	237,220	227,649	222,086
Reclaimed rubber:													
Consumption.....long tons.....	8,936	7,011	7,923	7,494	6,817	8,031	5,893	7,014	8,266	8,317	9,238	9,453	8,794
Production.....long tons.....	12,959	6,871	11,926	11,482	12,367	11,665	10,188	10,712	11,382	11,512	11,935	12,330	12,856
Stocks, end of month.....long tons.....	15,105	11,321	11,784	12,028	13,537	14,326	15,547	16,039	16,193	15,889	14,925	13,767	14,741
Scrap rubber:													
Consumption by reclaimers.....long tons.....		23,498			29,772			28,994					
TIRES AND TUBES†													
Pneumatic casings:													
Production.....thousands.....	3,067	3,281	3,238	3,282	3,709	2,898	2,947	3,032	4,027	4,544	4,427	4,662	4,662
Shipments, total.....thousands.....	2,676	3,317	3,232	3,365	3,139	2,601	3,123	3,971	4,724	4,692	4,653	4,431	4,031
Domestic.....thousands.....	2,621	3,258	3,170	3,311	3,079	2,545	3,065	3,917	4,650	4,626	4,599	4,378	3,978
Stocks, end of month.....thousands.....	6,713	6,715	6,682	6,639	7,224	7,504	7,360	7,318	6,623	6,345	6,275	6,313	6,313
Solid and cushion tires:													
Production.....thousands.....	24	27	23	22	25	15	16	33	30	37	39	34	34
Shipments, total.....thousands.....	20	25	19	23	23	17	21	32	30	36	34	28	28
Domestic.....thousands.....	19	25	19	23	22	17	21	32	30	35	34	28	28
Stocks, end of month.....thousands.....	37	38	41	41	40	37	32	31	32	33	37	42	42
Inner tubes:													
Production.....thousands.....	3,341	3,592	3,193	3,279	3,719	2,880	3,068	3,908	3,903	4,078	4,194	4,081	4,081
Shipments, total.....thousands.....	2,775	3,262	3,035	3,268	3,376	2,791	3,074	3,844	3,984	4,458	4,664	4,160	4,160
Domestic.....thousands.....	2,735	3,215	2,988	3,229	3,330	2,748	3,027	3,792	3,931	4,408	4,490	4,125	4,125
Stocks, end of month.....thousands.....	6,127	6,523	6,611	6,667	6,984	7,046	7,040	7,118	7,063	6,565	6,257	6,173	6,173
Raw material consumed:													
Crude rubber. (See Crude rubber.)													
Fabrics.....thous. of lb.....	12,606	14,148	13,523	13,632	15,988	12,059	13,417	16,571	17,099	18,494	18,251	17,152	17,152
MISCELLANEOUS PRODUCTS													
Rubber bands, shipments.....thous. of lb.....	226	269	334	363	363	264	206	236	266	217	209	238	186
Rubber-proofed fabrics, production, total.....thous. of yd.....	505	5,396	5,571	3,269	2,760	2,864	2,950	3,467	4,134	3,666	3,782	4,001	4,514
Auto fabrics.....thous. of yd.....		396	449	395	313	219	191	199	265	244	256	334	370
Raincoat fabrics.....thous. of yd.....		2,984	2,866	1,291	604	603	786	1,289	1,442	1,442	1,442	1,473	1,842
Rubber flooring, shipments.....thous. of sq. ft.....	591	431	492	450	450	371	322	422	485	523	488	483	614
Rubber and canvas footwear:													
Production, total.....thous. of pairs.....	6,003	4,427	5,874	5,172	5,993	5,925	5,231	5,905	5,876	5,227	5,659	4,571	5,588
Tennis.....thous. of pairs.....	1,150	873	1,297	1,301	1,661	2,174	2,498	2,937	2,888	2,058	2,018	1,244	1,377
Waterproof.....thous. of pairs.....	4,853	3,554	4,577	3,871	4,332	3,751	2,732	2,969	2,988	3,170	3,641	3,327	4,212
Shipments, total.....thous. of pairs.....	8,063	5,510	5,733	5,657	6,276	6,144	4,819	5,041	4,970	4,429	4,334	5,431	6,877
Tennis.....thous. of pairs.....	1,481	889	673	491	830	2,061	1,929	3,019	3,333	2,791	2,034	1,443	1,443
Waterproof.....thous. of pairs.....	6,582	4,622	5,059	5,165	5,446	4,083	2,890	2,022	1,451	1,096	1,543	3,397	5,435
Shipments, domestic, total.....thous. of pairs.....	8,039	5,459	5,705	5,626	6,252	6,109	4,788	5,011	4,928	4,399	4,290	5,407	6,851
Tennis.....thous. of pairs.....	1,465	881	654	467	815	2,042	1,915	2,997	3,480	3,309	2,751	2,018	1,420
Waterproof.....thous. of pairs.....	6,574	4,608	5,051	5,159	5,437	4,067	2,873	2,014	1,447	1,090	1,539	3,390	5,431
Stocks, total, end of month.....thous. of pairs.....	14,567	14,559	14,700	14,200	14,667	14,886	14,957	15,804	16,609	17,497	18,822	17,962	16,626
Tennis.....thous. of pairs.....	3,286	4,137	4,761	5,571	6,743	6,839	7,305	7,207	6,565	5,289	4,519	3,729	3,615
Waterproof.....thous. of pairs.....	11,281	10,422	9,939	8,630	8,224	8,047	7,652	8,597	10,134	12,208	14,303	14,233	13,010
Rubber heels:													
Production.....thous. of pairs.....	(1)	16,406	18,517	16,024	16,649	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Shipments, total*.....thous. of pairs.....	(1)	17,067	18,814	16,886	17,094	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Export.....thous. of pairs.....	(1)	187	296	428	348	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Repair trade.....thous. of pairs.....	(1)	5,187	5,029	4,173	2,839	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Shoe manufacturers.....thous. of pairs.....	(1)	11,694	13,489	12,285	13,917	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Stocks, end of month.....thous. of pairs.....	(1)	36,051	36,291	30,710	30,374	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Rubber soles:													
Production.....thous. of pairs.....	(1)	3,021	4,022	3,399	3,698	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Shipments, total*.....thous. of pairs.....	(1)	3,160	4,141	3,528	3,544	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Export.....thous. of pairs.....	(1)	3	1	11	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Repair trade.....thous. of pairs.....	(1)	660	625	492	401	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Shoe manufacturers.....thous. of pairs.....	(1)	2,497	3,515	3,025	3,142	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Stocks, end of month.....thous. of pairs.....	(1)	3,844	3,731	3,121	3,164	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Mechanical rubber goods, shipments:													
Total.....thous. of dol.....	(1)	3,980	5,015	4,755	5,200	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Belting.....thous. of dol.....	(1)	1,018	1,155	989	1,027	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Hose.....thous. of dol.....	(1)	1,248	1,438	1,319	1,408	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Other.....thous. of dol.....	(1)	1,715	2,422	2,447	2,765	(1)	(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. 51 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 references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936		1935				1936					
	September	October	November	December	January	February	March	April	May	June	July	August
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	10.50	10.50	10.50	10.50
Shipments* thous. of brick	91,127	117,031	95,673	73,586	56,471	44,736	109,641	154,473	171,418	172,892	*170,135	170,115
Stocks* thous. of brick	394,988	423,651	424,737	426,550	417,482	405,366	363,932	322,719	335,768	368,638	*398,870	409,028
Face brick (average per plant):												
Orders, unfilled, end of mo. thous. of brick	(1)	291	294	354	562	747	833	(1)	(1)	(1)	(1)	(1)
Production (machine)* thous. of brick	(1)	351	348	322	309	179	172	(1)	(1)	(1)	(1)	(1)
Shipments thous. of brick	(1)	277	311	235	147	95	66	(1)	(1)	(1)	(1)	(1)
Stocks, end of month thous. of brick	(1)	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		720	390	400	1,225	1,690	7,965	7,928	1,753	1,380	2,945	2,100
Production thous. of brick		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		44	129	83	33	26	29	186	143	137	264	197
Shipments by truck thous. of brick		1,894	1,927	1,290	896	714	1,085	2,129	1,688	2,163	3,235	2,896
Stocks, end of month thous. of brick		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		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		81,344	79,753	79,468	81,191	79,730	79,677	79,408	76,073	75,447	71,800	*68,380
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
Production thous. of bbl.	12,292	7,173	7,510	7,093	5,803	3,630	3,454	5,263	8,519	10,985	11,273	11,446
Percent of capacity	57.1	32.6	33.1	32.2	25.6	16.1	16.4	39.2	48.9	52.3	51.3	58.2
Shipments thous. of bbl.	12,564	7,799	8,794	5,976	4,514	3,889	3,156	7,138	9,089	11,121	12,417	11,786
Stocks, finished, end of month thous. of bbl.	18,648	21,783	20,501	21,613	22,908	22,686	22,071	21,126	20,571	20,431	19,281	18,975
Stocks, clinker, end of month thous. of bbl.	4,748	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	3,994	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	72.6	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	4,345	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	7,015	7,576	7,575	7,836	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	2,899	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	2,783	2,306	2,680	2,736	2,477	2,749	1,883	1,904	2,109	2,189	2,274	2,474
Production number of turns	2,591	2,013	2,705	2,672	2,292	2,159	2,148	1,866	2,039	2,085	2,171	2,138
Shipments:												
Total number of turns	2,654	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	104.6	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	3,056	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.	19,553	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			163,479	
Production short tons	566,719				498,765			355,875			727,729	
Shipments (unclassified) short tons	161,786				140,363			93,338			221,330	
Calcined (quarterly):												
Production short tons	416,709				345,826			310,448			559,247	
Calcined products (quarterly):												
Shipments:												
Board, plaster (and lath) thous. of sq. ft.	72,957				66,969			57,818			115,944	
Board, wall thous. of sq. ft.	62,250				62,886			60,361			96,022	
Cement, Keenes short tons	5,642				5,716			5,768			9,676	
Plasters, neat, wood fiber, sanded, gauging, finish, etc. short tons	293,984				235,111			205,353			368,638	
For pottery, terra cotta, plate glass, mixing plants, etc. short tons	35,892				34,814			38,834			50,252	
Tile, partition thous. of sq. ft.	2,420				2,420			2,716			3,959	
TERRA COTTA												
Orders, new:												
Quantity short tons	1,120	713	1,027	1,267	1,509	1,906	1,105	1,050	1,945	1,390	1,706	975
Value thous. of dol.	134	91	124	149	179	211	138	146	215	159	202	116
TILE												
Hollow building tile:*												
Shipments short tons	45,575	55,663	45,069	31,361	28,489	21,952	48,330	68,536	78,774	89,415	*90,521	95,308
Stocks short tons	341,509	329,489	335,104	337,465	330,262	327,112	318,059	310,262	312,141	311,830	*306,998	304,558

* 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 '933 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 23,603,582 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						
	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July

TEXTILE PRODUCTS

CLOTHING													
Hosiery:*													
Production.....thous. of dozen pairs.....		9,577	11,574	10,293	8,918	10,099	9,252	9,832	10,201	9,270	9,479	9,983	10,111
Shipments.....thous. of dozen pairs.....		10,816	12,164	10,231	8,648	8,487	8,662	10,420	10,176	9,379	8,847	9,322	11,156
Stocks, end of month thous. of dozen pairs.....		17,930	17,299	17,319	17,547	19,261	10,951	19,464	19,589	19,581	20,314	20,975	19,930
COTTON													
Consumption†.....thous. of bales.....	630	451	553	512	500	590	516	551	577	531	555	607	574
Exports:													
Quantity, exclusive of linters thous. of bales.....	570	487	712	1,135	886	543	406	405	353	352	298	156	182
Ginnings (total crop to end of month) thous. of bales.....	6,031	4,232	7,744	9,357	9,755	10,248		10,420				41	1,374
Imports#.....thous. of bales.....	9	6	8	7	13	14	18	16	13	20	12	20	13
Prices:													
To producer.....dol. per lb.....	.125	.106	.109	.115	.114	.111	.110	.109	.112	.112	.114	.126	.122
Wholesale, middling, N. Y.....dol. per lb.....	.123	.108	.112	.120	.121	.119	.116	.114	.117	.117	.120	.132	.123
Production, crop estimate.....thous. of bales.....	11,609				10,638								11,121
Receipts into sight*.....thous. of bales.....	2,827	2,261	3,145	2,315	1,332	819	691	496	437	381	310	201	808
Stocks, end of month:†													
Domestic, total mills and warehouses thous. of bales.....	7,655	7,866	9,560	9,978	9,820	9,281	8,653	7,907	7,179	6,329	5,514	4,834	5,089
Mills.....thous. of bales.....	849	723	1,078	1,349	1,431	1,436	1,405	1,337	1,190	1,090	989	897	752
Warehouses.....thous. of bales.....	6,806	7,143	8,482	8,629	8,389	7,845	7,248	6,570	5,990	5,239	4,524	3,938	4,337
World visible supply, total.....thous. of bales.....	6,378	5,205	7,060	7,697	7,768	7,590	7,385	6,825	6,540	6,025	5,423	4,899	4,748
American cotton.....thous. of bales.....	4,578	3,968	5,807	6,383	6,363	5,918	5,591	4,992	4,574	4,121	3,579	3,091	2,986
COTTON MANUFACTURES													
Cotton yarn:													
Prices, wholesale:													
22/1s, cones (Boston).....dol. per lb.....	.303	.300	.312	.323	.321	.290	.290	.278	.274	.271	.271	.295	.301
40/1s, southern spinning*.....dol. per lb.....	.401	.405	.408	.415	.415	.415	.415	.393	.385	.385	.373	.385	.388
Cotton goods:													
Cotton cloth:													
Exports§.....thous. of sq. yd.....	14,387	14,128	15,529	16,935	12,466	15,489	15,392	21,745	19,685	18,840	16,843	18,527	24,412
Imports#.....thous. of sq. yd.....	7,098	4,315	5,876	5,174	4,910	9,489	8,799	12,316	9,836	8,680	14,624	4,795	5,802
Prices, wholesale:													
Print cloth, 64 x 60.....dol. per yd.....	.060	.063	.064	.064	.064	.058	.056	.055	.053	.051	.054	.059	.059
Sheeting, brown, 4 x 4 (Trion mill) dol. per yd.....	.075	.074	.078	.082	.083	.075	.071	.070	.067	.065	.066	.072	.075
Cotton cloth finishing*:													
Production:													
Bleached, plain.....thous. of yd.....	107,706	93,013	110,885	102,292	101,310	97,435	92,807	107,893	104,837	105,062	104,630	101,904	104,667
Dyed, colors.....thous. of yd.....	100,042	87,921	102,066	96,507	84,239	87,685	90,300	101,739	103,305	98,345	99,398	91,620	100,061
Dyed, black.....thous. of yd.....	6,420	6,151	6,499	5,399	3,969	4,554	4,118	4,140	4,087	4,364	4,675	6,357	7,690
Printed.....thous. of yd.....	86,514	86,948	97,972	97,331	104,720	100,528	91,860	95,274	91,074	89,518	90,338	91,273	91,157
Stocks:•													
Bleached and dyed.....thous. of yd.....	171,340	195,421	199,328	205,719	203,494	197,107	198,508	183,292	187,333	191,956	188,124	135,548	154,264
Printed.....thous. of yd.....	86,798	88,292	93,795	95,790	107,382	105,464	103,179	99,684	93,275	103,419	105,782	94,557	88,815
Spindle activity:†													
Active spindles.....thousands.....	23,514	22,682	23,128	23,194	23,399	23,323	23,348	23,182	23,119	22,833	23,021	23,252	23,434
Active spindle hours, total millions of hours.....	8,088	6,182	7,437	6,898	6,804	7,709	6,735	7,254	7,313	6,896	7,320	7,855	7,573
Average per spindle in place.....hours.....	289	207	251	233	233	266	233	251	255	242	259	279	270
Operations.....percent of capacity.....	125.8	93.8	103.7	101.1	103.8	111.9	105.2	107.9	110.7	105.2	111.0	119.8	115.8
RAYON AND SILK													
Rayon:													
Deliveries*:													
Unadjusted.....1923-25=100.....	537	583	494	464	473	477	517	422	433	428	498	614	633
Adjusted.....1923-25=100.....	387	419	462	522	557	487	454	399	416	446	623	808	586
3-mo. moving average of adjusted index 1923-25=100.....		465	468	514	522	499	447	423	420	495	626	672	594
Imports‡.....thous. of lb.....	2,072	241	145	509	312	392	611	346	551	683	699	1,242	2,441
Price, wholesale, 150 denier, "A" grade (N. Y.).....dol. per lb.....	.60	.57	.57	.57	.57	.57	.57	.57	.57	.57	.58	.60	.60
Stocks, imported, end of month thous. of lb.....		245	238	237	235	231	229	228	227	227	227	227
Silk:													
Deliveries (consumption).....bales.....	45,709	45,156	48,167	37,012	35,559	38,995	32,053	36,000	34,564	32,087	31,437	36,658	42,016
Imports, raw‡.....thous. of lb.....	6,900	6,708	8,218	6,061	6,365	6,275	5,518	3,480	4,647	4,066	4,143	4,753	6,315
Prices, wholesale:													
Raw, Japanese, 13-15, N. Y.....dol. per lb.....	1.698	1.868	2.084	2.092	1.958	1.950	1.784	1.733	1.682	1.600	1.597	1.714	1.791
Silk goods, composite.....dol. per yd.....	(1)	.97	1.00	1.00	1.00	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Stocks, end of month:													
World visible supply*.....bales.....	148,253	180,180	182,077	185,743	194,941	186,911	175,380	165,689	158,498	145,266	132,609	142,439	151,125
United States (warehouses).....bales.....	29,553	38,680	46,777	51,458	54,941	56,511	64,680	53,689	46,098	40,666	35,409	30,139	29,825

• Revised.

† As of Dec. 13.

‡ As of Oct. 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 Textile Finishes 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. New series on world visible supply of silk. For monthly data from January 1922-June 1935, see the July 1936 issue, p. 20.

† 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, 1934-35, and 1935-36, see p. 20 of the February 1933 issue, pp. 52 and 53 of the November 1933 issue, p. 53 of the October 1934 issue, p. 57 of the October 1935 issue, and p. 57 of the October 1936 issue, respectively.

§ For 1932 revisions see p. 53 of the June 1933 issue; for 1933 revisions see p. 20 of the October 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.

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

TEXTILE PRODUCTS—Continued

WOOL														
Consumption:														
Total, grease equivalent basis†	thous. of lb.	60,763	80,293	78,727	72,993	73,367	73,908	64,193	53,460	55,357	46,593	54,533	68,718	63,449
Apparel class, scoured basis*	thous. of lb.	21,477	28,994	29,565	27,528	27,730	28,223	24,488	20,369	20,588	17,294	20,075	21,697	23,005
Imports, unmanufactured‡	thous. of lb.	19,639	21,952	23,498	18,041	18,467	21,167	21,212	25,298	23,883	17,207	17,541	16,079	17,546
Operations, machinery activity:•														
Combs, worsted	percent of capacity	95	113	124	125	108	107	117	88	74	72	93	93	106
Looms:														
Carpet and rug	percent of capacity	61	51	54	53	45	46	52	50	50	48	48	47	56
Narrow	percent of capacity	41	32	42	44	43	48	44	38	36	34	36	36	43
Wide	percent of capacity	66	77	84	89	90	90	90	80	76	76	74	69	73
Spinning spindles:														
Woolen	percent of capacity	88	94	106	104	93	95	96	85	82	87	87	90	97
Worsted	percent of capacity	65	68	81	83	73	62	68	59	60	57	57	59	68
Prices, wholesale:														
Raw, territory, fine, scoured	dol. per lb.	.89	.78	.81	.84	.84	.87	.92	.93	.88	.87	.90	.89	.89
Raw, Ohio and Penn., fleeces	dol. per lb.	.38	.33	.36	.39	.39	.39	.42	.42	.37	.37	.38	.39	.38
Suiting, unfinished worsted, 13 oz. (at mill)	dol. per yd.	1.634	1.603	1.624	1.708	1.733	1.733	1.733	1.742	1.782	1.782	1.782	1.745	1.634
Women's dress goods, French serge, 54" (at factory)	dol. per yd.	1.074	1.027	1.040	1.052	1.064	1.064	1.101	1.114	1.114	1.114	1.114	1.114	1.114
Worsted yarn, 2/32s, crossbred stock, Boston	dol. per lb.	1.26	1.11	1.25	1.29	1.30	1.31	1.33	1.30	1.28	1.30	1.30	1.29	1.28
Receipts at Boston, total▲	thous. of lb.	16,156	23,892	18,525	19,214	12,875	17,524	18,581	22,258	20,495	25,599	54,421	66,708	21,694
Domestic	thous. of lb.	13,153	19,385	11,803	10,982	5,285	6,410	4,576	4,845	6,071	21,761	50,424	64,300	20,101
Foreign▲	thous. of lb.	3,004	4,446	6,722	8,232	7,590	11,113	14,006	17,413	14,424	3,838	3,997	2,408	1,592
Stocks, scoured basis, end of quarter:¶														
Total	thous. of lb.	125,940	156,694			116,299			105,096			147,057		
Domestic	thous. of lb.	99,601	137,822			86,383			60,473			110,888		
Foreign	thous. of lb.	26,339	18,872			29,916			44,623			36,159		
Combing	thous. of lb.	81,967	111,770			71,531			60,429			98,310		
Clothing	thous. of lb.	43,973	44,924			44,768			44,667			48,747		
MISCELLANEOUS PRODUCTS														
Buttons, fresh-water pearl:														
Production	per cent. of capacity	56.0	43.7	50.2	52.8	48.9	45.0	53.7	53.4	51.9	51.2	50.5	42.6	55.2
Stocks, end of month	thous. of gross	7,550	7,215	7,215	7,136	7,151	7,925	7,956	7,989	8,003	8,046	8,061	7,690	7,660
Fur, sales by dealers†	thous. of dol.	2,618	3,092	2,158	1,193	1,224	2,493	3,761	4,045	4,053	3,857	3,133	3,443	3,575
Pyroxylin-coated textiles (artificial leather):														
Orders, unfilled, end of month	thous. of linear yd.	2,668	2,589	2,592	2,300	2,154	2,033	1,943	2,475	2,459	2,273	2,000	2,460	2,612
Pyroxylin spread	thous. of lb.	6,087	4,692	5,125	4,152	3,895	3,951	3,894	5,121	5,647	5,423	4,930	4,686	5,375
Shipments, billed	thous. of linear yd.	5,232	4,412	4,616	4,084	3,845	3,715	3,876	4,689	5,118	5,013	4,608	4,501	4,972

TRANSPORTATION EQUIPMENT

AIRPLANES														
Production, total†	number	141	159	124	109	124	136	205	227	295	376			
Commercial (licensed)†	number	83	112	59	61	56	72	97	106	199	234			
Military (deliveries)†	number	9	17	39	37	50	39	84	93	70	71			
For export	number	49	30	26	11	18	25	24	28	26	71			
AUTOMOBILES ‡														
Exports:														
Canada:														
Automobiles, assembled, total	number	3,514	4,777	3,931	5,576	5,815	6,607	4,573	7,603	3,726	5,222	4,424	4,545	3,414
Passenger cars	number	2,153	3,643	2,629	4,087	3,639	5,143	3,537	1,607	3,108	3,945	3,438	3,937	2,335
United States:														
Automobiles, assembled, total§	number	10,939	12,703	14,580	30,529	28,012	25,654	25,959	28,920	26,053	28,575	24,042	22,525	15,728
Passenger cars §	number	4,564	5,622	7,471	22,491	17,736	15,867	16,046	18,921	17,723	17,727	14,987	12,714	8,323
Trucks §	number	6,375	7,081	7,109	8,038	10,276	9,787	9,913	9,999	8,330	10,848	9,055	9,811	7,405
Financing: ¶														
Retail purchasers, total	thous. of dol.	122,158	77,651	74,188	90,191	97,508	88,649	87,169	143,515	172,982	176,316	186,550	168,685	140,436
New cars	thous. of dol.	78,863	46,114	42,179	60,531	64,605	56,284	55,232	94,664	116,297	116,569	125,916	112,795	91,206
Used cars	thous. of dol.	44,768	30,716	31,122	28,708	31,906	31,868	31,432	48,044	55,705	58,695	59,604	54,980	48,368
Unclassified	thous. of dol.	828	820	887	951	997	498	505	807	980	1,051	1,028	910	861
Wholesale (manufacturers to dealers)	thous. of dol.	55,341	39,700	75,907	132,315	149,728	118,872	113,830	154,147	189,481	180,665	174,277	162,404	127,032

• Revised. ¶ Preliminary. # 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 revisions 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 references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	1936		1935					1936					
	September	October	September	October	November	December	January	February	March	April	May	June	July

TRANSPORTATION EQUIPMENT—Continued

AUTOMOBILES—Continued													
Fire-extinguishing equipment:†													
Shipments:													
Motor-vehicle apparatus.....number	59	49	59	65	53	38	42	52	53	48	56	67	69
Hand-type.....number	31,105	28,362	31,556	27,587	25,516	32,120	23,932	31,203	32,753	32,542	35,110	38,500	36,573
Production:													
Automobiles:													
Canada, total.....number	4,655	5,188	8,273	13,491	13,789	13,302	13,268	18,021	24,951	20,006	16,400	10,475	4,600
Passenger cars.....number	2,481	3,402	6,803	10,916	10,666	11,261	10,853	14,488	20,247	16,389	13,126	8,192	3,051
United States, total.....number	135,130	87,540	272,043	395,059	404,528	364,004	287,606	420,971	502,775	460,565	452,955	440,999	271,291
Passenger cars†.....number	90,597	56,097	213,310	336,914	343,022	298,274	224,816	343,523	417,133	385,507	375,894	372,402	209,754
Trucks †.....number	44,533	31,443	58,733	58,145	61,506	65,730	62,790	77,448	85,642	75,058	77,061	68,597	61,537
Automobile rims.....thous. of rims	1,104	1,052	1,654	1,804	1,912	1,877	1,261	1,841	2,258	1,960	1,876	1,716	935
Registrations:													
New passenger cars†.....number	208,896	157,098	148,389	220,262	237,194	215,782	176,668	301,272	397,190	392,750	369,423	357,490	262,912
New commercial cars*.....number	54,611	41,390	43,243	37,616	38,000	43,760	40,301	51,817	57,000	62,183	56,000	63,695	59,222
Sales:													
General Motors Corporation:													
To consumers.....number	85,201	68,547	68,566	136,859	122,198	102,034	96,134	181,782	200,117	194,628	189,756	163,459	133,804
To dealers, total †.....number	19,288	39,150	127,054	182,754	185,698	158,572	144,874	196,721	229,467	222,603	217,931	204,693	121,943
U. S. dealers.....number	4,669	22,986	97,746	147,849	150,010	131,134	116,762	162,418	194,695	187,119	186,146	177,436	99,775
Shipments, accessories and parts, total*													
Jan. 1925=100.....	114	105	132	135	135	145	123	149	162	150	157	136	110
Accessories, original equipment													
Jan. 1925=100.....	108	98	137	148	155	156	127	160	181	163	166	145	108
Accessories to wholesalers, Jan. 1925=100.....													
Jan. 1925=100.....	98	129	150	147	160	170	160	120	130	110	112	88	75
Replacement parts, Jan. 1925=100.....													
Jan. 1925=100.....	153	135	141	139	107	114	116	109	125	130	151	148	147
Service equipment, Jan. 1925=100.....													
Jan. 1925=100.....	105	91	98	80	73	85	84	97	104	113	115	109	106
RAILWAY EQUIPMENT													
Equipment condition:													
Freight cars owned:													
Capacity.....mills. of lb.	171,700	178,703	178,125	176,727	175,772	173,507	172,939	172,620	172,460	172,341	172,152	172,033	171,934
Number, total.....thousands	1,763	1,851	1,842	1,837	1,817	1,791	1,784	1,780	1,778	1,776	1,772	1,769	1,767
Bad order, total.....number	241,573	284,427	273,125	269,984	266,876	256,511	254,598	249,246	253,125	260,013	254,447	258,198	256,903
Percent of total in bad order.....	13.9	15.5	15.0	15.0	14.9	14.6	14.5	14.2	14.5	14.9	14.6	14.8	14.7
Locomotives, railway:													
Owned:													
Tractive power.....mills. of lb.													
Number.....	44,455	45,686	45,610	45,565	45,375	45,179	45,088	45,009	44,966	44,835	44,742	44,682	44,564
Awaiting classified repairs.....number	8,369	10,335	10,187	10,127	9,914	9,825	9,556	9,642	9,610	9,589	9,119	8,906	8,736
Percent of total.....	18.8	22.6	22.3	22.2	21.8	21.8	21.2	21.4	21.4	21.0	20.4	19.9	19.6
Installed.....number	106	86	43	53	54	81	46	53	60	65	91	60	53
Retired.....number	215	221	119	108	241	284	138	132	103	196	184	124	171
Passenger cars:													
On railroads (end of quarter).....number		41,405			40,509			40,190			39,915		
Equipment manufacturing:													
Freight cars:													
Orders, new.....cars	3,100	110	810	25	10,030	1,050	7,236	627	3,650	9,677	4,320	4,469	3,225
Orders, unfilled, total.....cars	18,434	7,440	6,432	4,489	12,715	11,315	12,629	13,478	15,683	22,964	25,311	24,373	20,530
Equipment manufacturers.....cars	11,787	5,775	4,514	2,798	5,224	4,444	4,052	5,471	7,035	14,646	15,907	15,092	12,924
Railroad shops.....cars	6,647	1,665	1,918	1,691	7,491	6,871	8,577	8,007	8,648	8,318	9,404	9,281	7,606
Shipments, total.....cars	4,964	29	1,281	1,755	1,912	746	430	159	2,168	2,514	2,172	1,930	3,854
Domestic.....cars	4,963	27	1,281	1,754	1,912	746	430	186	2,066	2,299	2,056	1,924	3,804
Locomotives, industrial electric (quarterly):													
Shipments, total.....number	79	51			72			58			104		
Mining use.....number	79	50			63			58			103		
Locomotives, railway:													
Orders, new.....number	24	7	0	0	2	14	46	13	15	10	24	9	3
Orders, unfilled, end of month:													
Equipment manufacturers (Census), total.....number	123	38	37	37	26	37	84	95	101	106	119	125	117
Domestic, total.....number	107	36	34	34	24	36	78	90	95	100	116	117	107
Electric.....number	44	24	24	23	23	33	33	33	33	33	40	42	41
Steam.....number	63	12	10	11	1	3	45	33	62	67	76	75	66
Railroad shops (A. A. R.).....number	6	3	2	5	5	6	7	12	12	9	8	8	8
Shipments:													
Domestic, total.....number	14	3	2	1	11	0	1	4	5	11	12	12	18
Electric.....number	3	2	0	1	1	0	1	0	3	0	2	3	2
Steam.....number	11	1	2	0	10	0	0	0	1	5	9	9	16
Exports, total†.....number	2	9	14	12	8	0	1	4	1	3	6	8	3
Electric.....number	0	5	8	6	6	0	0	0	0	0	0	0	2
Steam.....number	2	4	4	4	2	0	1	4	1	3	6	8	1
Passenger cars:													
Orders, new, placed by railroads													
number.....	0	0	2	0	0	0	37	0	50	0	20	34	0
Orders, unfilled (end of quarter)													
number.....		9			26			65			139		
Shipments, total.....number	1	0	0	0	0	0	0	4	5	5	12	0	2
Domestic.....number	1	0	0	0	0	0	0	4	5	5	12	0	2
ELECTRIC TRUCKS AND TRACTORS													
Shipments, industrial, total.....number	112	80	117	115	100	94	75	89	112	91	88	113	125
Domestic.....number	101	72	114	103	74	78	71	86	99	86	84	110	115
Exports.....number	11	8	3	12	26	6	4	3	13	5	4	3	10

* 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.

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						
	September	October	November	December	January	February	March	April	May	June	July	August	
TRANSPORTATION EQUIPMENT—Continued													
SHIPBUILDING													
United States:													
Merchant vessels:													
Under construction, thous. of gross tons.....		76	77	82	119	119	133	137	154	154	154	213	221
Completed during month,													
total gross tons.....	5,953	15,860	9,266	4,617	36,651	17,576	18,429	20,898	21,321	24,442	22,040	15,943	14,118
Steel.....total gross tons.....	2,857	8,464	1,707	2,660	8,017	10,242	17,297	13,386	8,024	15,442	12,885	11,407	3,992
World (quarterly):													
Launched:													
Number.....ships.....		119			124				148			230	
Tonnage.....thous. of gross tons.....		263			359				894			467	
Under construction:													
Number.....ships.....		268			393				537			588	
Tonnage.....thous. of gross tons.....		1,198			1,543				1,820			1,951	
CANADIAN STATISTICS •													
Business indexes:*													
Physical volume of business.....1926=100.....	115.3	101.9	107.2	110.0	106.2	105.2	104.9	103.3	108.8	109.7	110.3	110.0	113.2
Industrial production, total.....1926=100.....	117.6	102.5	109.5	113.5	108.8	107.0	104.9	104.1	109.2	110.6	111.6	111.1	115.2
Construction †.....1926=100.....	55.4	49.3	50.7	37.0	23.6	95.3	52.6	52.0	26.8	32.7	44.7	54.9	45.8
Electric power ‡.....1926=100.....	208.4	195.9	202.6	201.8	200.9	199.0	193.9	207.8	220.3	207.7	213.1	213.2	209.8
Manufacturing.....1926=100.....	115.4	100.0	105.4	118.5	112.5	96.1	96.2	98.7	109.0	110.3	111.5	108.9	113.0
Forestry.....1926=100.....	128.5	103.7	114.5	114.8	118.9	106.7	111.3	114.4	124.0	119.0	122.9	123.1	123.9
Mining †.....1926=100.....	167.8	144.7	169.6	146.3	160.8	144.4	186.2	158.2	187.2	170.9	152.5	147.2	174.3
Distribution.....1926=100.....	108.8	100.1	100.7	100.2	99.3	100.3	104.8	101.3	107.7	107.1	106.6	107.1	107.6
Carloadings.....1926=100.....	79.3	69.6	71.0	66.8	66.5	72.1	78.4	75.4	82.8	74.1	76.2	78.0	81.2
Exports (volume) †.....1926=100.....	118.9	110.5	94.3	86.5	78.0	100.3	103.6	92.7	123.9	113.8	104.8	111.1	122.9
Imports (volume).....1926=100.....	87.0	77.6	85.4	93.7	70.2	76.3	78.9	71.4	82.7	91.7	90.9	85.2	76.7
Trade employment.....1926=100.....	129.1	123.6	122.8	124.1	128.8	124.0	127.3	124.2	125.1	128.5	127.8	128.0	127.2
Agricultural marketing.....1926=100.....	162.6	114.2	86.6	43.3	34.0	39.8	62.7	89.5	115.8	110.0	73.9	103.9	216.9
Grain marketings.....1926=100.....	175.8	119.5	86.1	36.4	27.4	29.5	53.9	88.3	116.8	110.6	70.3	105.2	246.1
Livestock marketings.....1926=100.....	103.5	90.2	88.7	74.3	63.5	85.7	102.2	95.0	111.0	107.2	89.8	97.9	86.0
Commodity prices:													
Cost of living index ‡.....1926=100.....	81.9	79.6	80.3	80.6	80.5	80.5	80.3	80.4	79.7	80.0	80.1	80.4	81.0
Wholesale price index ‡.....1926=100.....	76.4	72.4	73.1	72.7	72.6	72.9	72.5	72.4	72.2	71.8	72.3	74.4	76.2
Employment, total (first of month).....1926=100.....	107.1	102.7	106.1	107.7	104.6	99.1	98.4	98.9	97.4	99.5	102.0	104.6	105.6
Construction and maintenance.....1926=100.....	109.0	110.9	117.4	119.9	95.9	74.8	74.4	78.2	71.8	79.4	87.0	97.4	102.9
Manufacturing.....1926=100.....	105.9	100.8	103.3	103.5	101.4	96.8	98.5	99.5	101.1	102.7	103.4	104.7	104.9
Mining.....1926=100.....	140.2	128.6	129.5	132.5	131.1	129.9	129.4	129.1	128.2	127.4	132.1	134.1	137.9
Service.....1926=100.....	137.5	127.8	120.5	117.1	116.3	118.0	116.4	117.5	118.5	120.4	123.0	131.7	135.8
Trade.....1926=100.....	126.3	121.8	123.8	124.6	131.0	135.9	121.6	123.1	121.0	123.3	127.1	127.3	126.3
Transportation.....1926=100.....	89.4	85.8	86.4	84.5	84.0	77.9	78.2	78.9	73.5	82.8	85.4	87.1	88.7
Finance:													
Banking:													
Bank debits.....mills. of dol.....	3,134	2,426	2,908	3,022	2,932	2,992	2,767	2,599	2,774	2,979	3,136	2,894	2,619
Interest rates.....1926=100.....	88.3	85.4	80.8	82.7	82.7	85.5	80.6	77.3	75.5	76.6	73.3	72.0	71.2
Commercial failures*.....number.....	98	115	107	112	104	131	103	100	91				
Security issues and prices:													
New bond issues, total †.....thous. of dol.....	177,870	195,994	66,724	147,080	121,372	133,384	138,853	123,332	103,186	46,576	190,179	70,692	26,891
Bond yields.....percent.....	3.35	4.23	4.09	3.87	3.96	4.10	3.86	3.70	3.76	3.67	3.51	3.45	3.41
Common stock prices, total †.....1926=100.....	119.5	93.6	96.1	105.8	107.4	112.9	120.7	117.4	115.9	112.8	113.8	114.3	114.7
Foreign trade:													
Exports †.....thous. of dol.....	89,582	78,846	91,323	95,685	79,245	64,744	62,798	74,582	57,964	84,515	79,942	84,968	93,530
Imports.....thous. of dol.....	52,983	44,689	52,751	55,958	38,569	40,590	41,597	52,681	42,217	59,121	57,598	53,821	50,258
Exports, volume:													
Wheat.....thous. of bu.....	20,720	17,273	28,919	26,575	17,044	7,557	14,241	13,146	6,752	27,317	25,764	25,913	21,157
Wheat flour.....thous. of bbl.....		396	501	525	444	314	340	477	281	449	430	415	388
Carloadings.....thous. of cars.....	251	221	251	214	174	173	180	192	193	190	201	203	222
Financial results:													
Operating revenues.....thous. of dol.....	29,585	32,279	27,154	26,656	22,234	22,597	25,535	26,050	27,022	26,049	27,301		
Operating expenses.....thous. of dol.....	23,436	23,598	20,854	21,333	21,440	21,187	22,465	22,320	23,789	24,049	25,335		
Operating income.....thous. of dol.....	5,380	7,730	5,290	4,289	4,205	339	1,914	1,914	2,586	1,953	832	890	
Operating results:													
Freight carried 1 mile.....mills. of tons.....	2,712	2,937	2,240	1,934	1,763	1,814	2,056	2,081	1,990	1,775	1,941		
Passengers carried 1 mile.....mills. of pass.....	137	108	101	140	117	117	126	125	128	148	195		
Commodity statistics:													
Production:													
Electrical energy, central stations.....mills. of kw.-hr.....	2,042	1,919	2,163	2,143	2,157	2,091	1,938	2,135	2,164	2,083	2,029	2,021	2,020
Pig iron.....thous. of long tons.....	52	54	46	65	61	61	56	54	54	59	56	35	39
Steel ingots and castings.....thous. of long tons.....	86	91	95	94	99	100	93	101	107	95	82	69	80
Wheat flour.....thous. of bbl.....	1,535	1,825	1,604	957	982	1,019	1,172	1,009	1,196	1,149	1,301	1,363	

* Revised.

† Deficit.

‡ Statistics in this section, with few exceptions, are from the Dominion Bureau of Statistics, Ottawa.

§ Data for 1934 revised. See p. 56 of the May 1935 issue.

¶ New series. For earlier data see p. 18 of the February 1933 issue, business indexes, and p. 20 of the October 1933 issue, commercial failures.

‡ Revised series. See p. 55 of the April 1934 issue, construction and mining, for 1933. Series on common-stock prices revised back to December 1932 as a result of additional stocks being added; for revision see p. 56 of the April 1934 issue. New bond issues revised for the year 1935; see p. 60 of the April 1936 issue.

§ Number of commodities changed from 502 to 567 beginning with month of January 1934.

¶ Data revised January 1932 through July 1933. Revision for 1932 see p. 55 of the November 1933 issue. For final revisions for 1933 see p. 56 of the October 1934 issue.

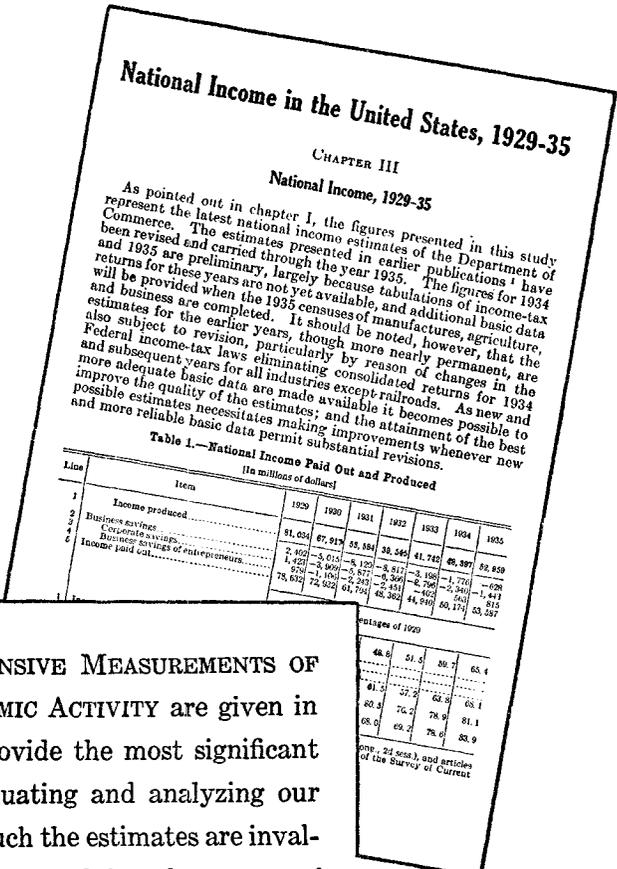
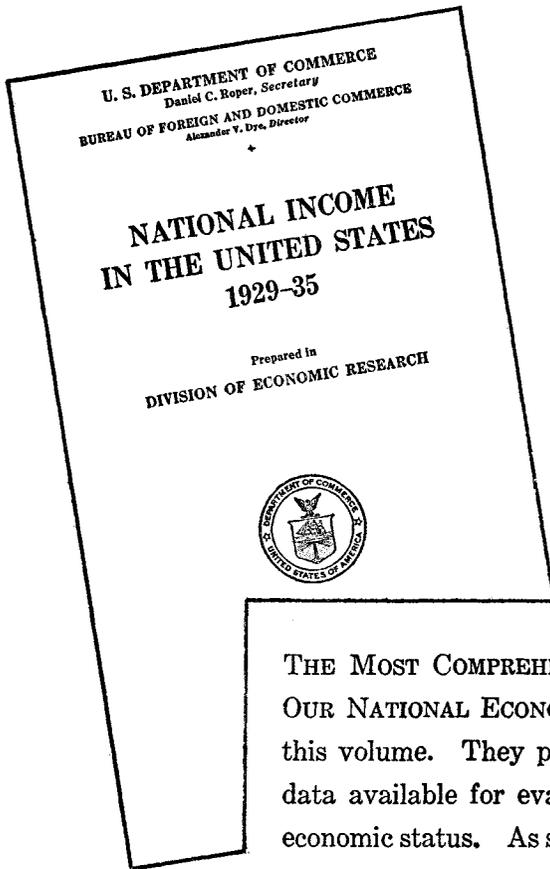
‡ Data for 1935 revised. For revisions see p. 60 of the May 1936 issue.

§ Data on exports, both index numbers and absolute figures revised beginning April 1933 to include nonmonetary gold. Revisions not shown in the July 1936 issue will appear in a subsequent issue.

¶ Series revised beginning January 1924. Revisions not shown above will appear in a subsequent issue.

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