NOVEMBER 1936

SURVEY

OF

CURRENT BUSINESS



UNITED STATES DEPARTMENT OF COMMERCE

BUREAU OF FOREIGN AND DOMESTIC COMMERCE
WASHINGTON

VOLUME 16

NUMBER 11

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.

UNITED STATES DEPARTMENT OF COMMERCE

DANIEL C. ROPER, Secretary

BUREAU OF FOREIGN AND DOMESTIC COMMERCE

ALEXANDER V. DYE, Director

SURVEY OF CURRENT BUSINESS

Prepared in the

DIVISION OF ECONOMIC RESEARCH

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

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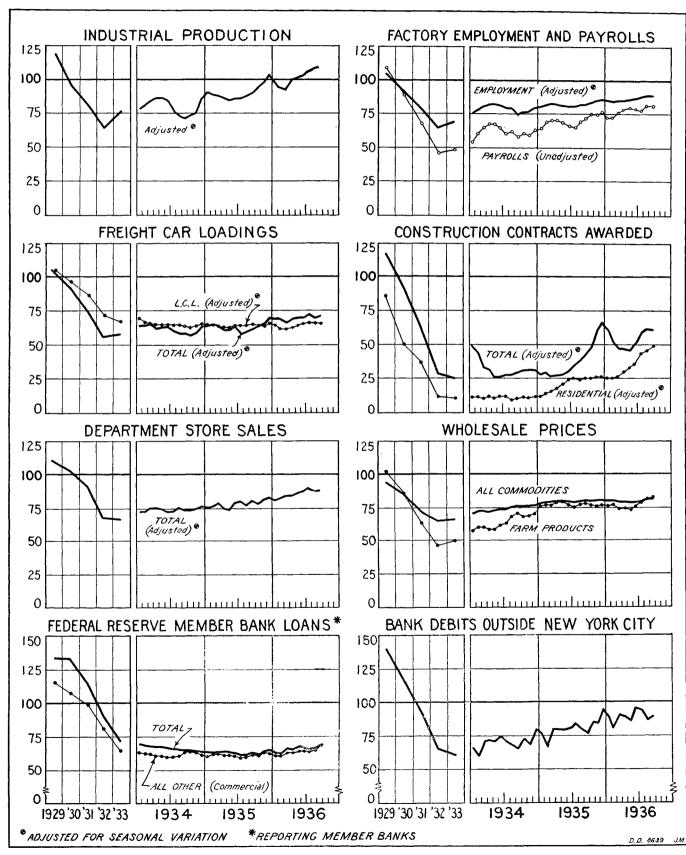
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Business Indicators

1923-25=100



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 menths.

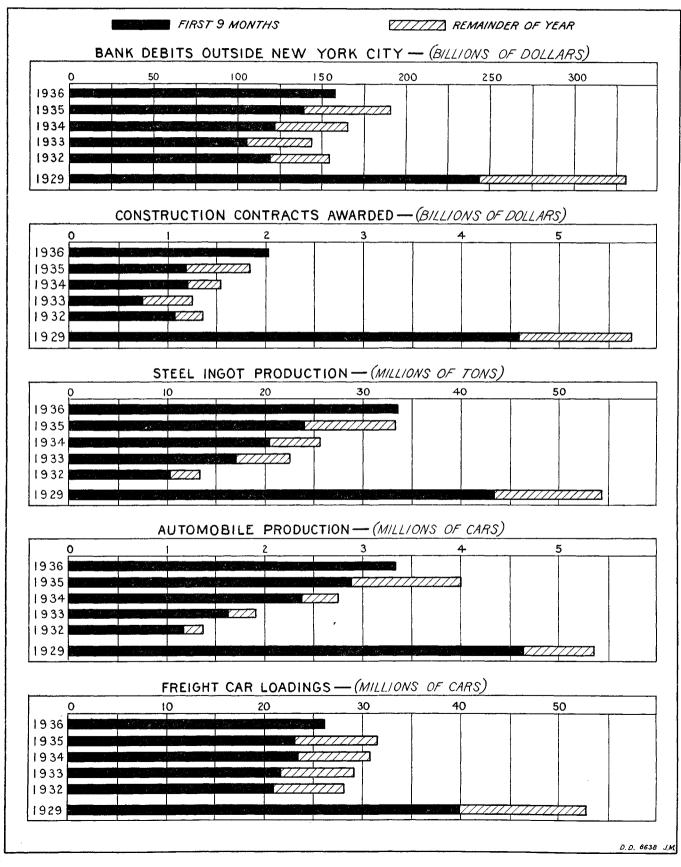
Aggregate employment in September showed a large increase, in accordance with seasonal tendencies. This rise was accompanied by an extension of the upward trend of pay rolls. Increased employment was noted in the construction industry, although the volume of new contracts awarded declined.

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

		Indu	strial	produ	ction		Factor ploys and pa	nent		ght- adings	val	sales ue, isted	Fore trade, adju	valu ,	e New	ets, all	Cash inco		ex, 784
	Un	adjust	ed 1	Ac	ljusted] ş 	ploy-	rolls,	Total	Mer- chan- dise,	stores	mer-			outside City	contracts,			e Ind
Year and month	Total	Manufactures	Minerals	Total	Manufactures	Minerals	Number of emplo	Amount of pay rolls, unadjusted	Adjusted 1	Adjusted '	Department sto	Rural, general chandise	Exports	Imports	Bank debits, c	Construction e	Unadjusted	Adjusted 3	Wholesale price index, commodities
				N	fonthly	ave r a	ge, 19 2 3-	-25=100	·			1929-31 = 100	Month	lly aver	age, 1 9 23	-25=100	Mon aver 1924-2	age.	Monthly average, 1926=100
1929: September 1930: September 1931: September 1932: September 1933: September 1934: September	123 92 77 67 85 73	123 90 76 66 84 70	127 101 83 74 94 87	121 90 76 66 84 71	121 89 75 65 83 69	118 94 78 71 87 82	106. 3 87. 0 75. 2 61. 8 78. 0 74. 0	112. 9 84. 1 63. 4 42. 7 58. 8 57. 6	106 87 69 54 60 59	106 95 85 69 68 64	113 99 85 67 68 74	134. 4 93. 2 70. 0 61. 8 73. 9 98. 8	110 78 45 33 40 48	115 74 55 32 48 43	138. 3 107. 7 84. 3 59. 6 61. 9 65. 3	110 82 59 30 30 30	122. 0 92. 5 53. 0 46. 5 58. 0 73. 5	103. 0 80. 5 49. 5 41. 5 50. 0 62. 5	96. 1 84. 4 71. 2 65. 3 70. 8 77. 6
1935:	90 97 97 96	89 96 98 95	92 100 95 96	91 95 96 101	92 95 97 101	87 93 92 101	81. 9 83. 7 84. 8 85, 6	71. 7 74. 3 73. 7 75. 6	62 64 66 71	65 64 64 66	81 78 81 83	104, 8 104, 6 103, 7 109, 8	50 48 62 56	53 58 52 58	76. 1 85. 4 84. 6 94. 7	43 48 60 67	76. 5 95. 0 79. 0 72. 5	66. 0 69. 0 69. 5 67. 0	80. 7 80. 5 80. 6 80. 9
January February March April May June July August September Monthly average	95 96 103 105 104 104 106 107	95 93 97 105 105 105 106 106 107	99 106 89 94 100 101 104 109	97 94 93 100 101 104 108 108	96 92 93 100 101 105 109 110 110	103 110 95 105 101 99 101 98 101	84. 8 83. 8 84. 2 84. 9 85. 8 86. 3 87. 7 88. 9 88. 9	71. 9 72. 0 75. 5 77. 2 78. 5 78. 7 77. 8 81. 1 81. 8	70 70 66 69 70 70 73 70 72	64 62 62 63 64 66 67 67	81 83 84 84 87 87 91 87 88	96. 3 93. 0 106. 7 109. 9 113. 3 112. 4 114. 7 111. 9 123. 6	51 53 51 53 56 55 54 51 55	57 60 55 58 58 62 65 62 70	88. 7 80. 0 90. 6 88. 7 86. 2 95. 7 94. 4 86. 7 89. 2	61 52 47 47 46 52 59 62 61	65. 0 53. 0 59. 5 58. 5 64. 0 69. 5 84. 0 75. 0 89. 0	66. 5 63. 0 67. 5 69. 5 72. 5 80. 0 88. 0 74. 5	80. 6 80. 6 79. 6 79. 7 78. 6 79. 2 80. 5 81. 6 81. 6
January through September: 1934 1935 1936	81 88 102	80 88 102	86 89 100			 	87.9 81.3 85.9	61. 6 67. 9 77. 1	62 62 70	66 64 65	58 69 76	74.6 86.9 98.7	46 41 51	43 52 61	68. 9 77. 7 88. 9	33 32 53	53. 8 58. 0 68. 6		74. 4 79. 8 80. 2

Graphic Comparison of Principal Data



Digitized for FRASER http://fraser.stlouisfed.org/ Federal Reserve Bank of St. Louis

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, 1.3 percent; clothing, 0.5 percent; and coal, 1.1 percent.

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.

INDEXES OF COMMODITY PRICES

					Wh	olesalo	Price	es (De	partm	ent o	f Lab	or)						trial	, 1 3	Retail	Prices
	784 1s	Econe	mic ela	asses					Grou	os an	d sub	grou	ps					Indus rd)	index ment	Jo	articles
Year and month	Combined Index, 78 commodity quotations	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	Cost of living (National Industrial Conference Board)	Farm prices, combined index, commodities (Department Agriculture) 1	Foods (Department Labor) 1	Department-store art (Fairchild) ³
						N	onthl	y aver	nge, 19	26 = 10	l)							Mo. average 1923= 100	Mo. average 1909-14 = 100	Mo. average 1923-25 ⇒100	Dec. 1930 (Jan. 1 1931) = 100
1929: September	96. 1 84. 4 71. 2 65. 3 70. 8 77. 6	86, 4 75, 9 70, 4	98. 9 82. 1 62. 7 56. 2 61. 7 73. 9	94. 5 77. 7 66. 7 60. 7 72. 9 71. 8	85.3 60.5 49.1 57.0	101. 6 77. 0 44. 2 37. 4 63. 9 88. 1	103. 3 89. 5 73. 7 61. 8 64. 9 76. 1	99. 2 73. 6 60. 9 51. 5	73, 9 70, 4 76, 1	95. 8 87. 1 77. 0 70. 5 82. 7 85. 6	76.3 72.9 72.7	79. 0 67. 4 70. 8 70. 4	72. 2 92. 3	92.3 82.7 73.7		64. 5 55. 6 76. 9	75. 2 68. 2 64. 7 65. 1	101. 1 95. 9 86. 1 76. 6 78. 2 80. 8	80 66 80	108. 0 98. 3 80. 6 66. 7 71. 9 80. 1	87. 4 73. 4 86. 4 87.
1935: September	80. 8	82. 7 82. 7		74. 4 76. 3 76. 2 75. 2	77. 5	83. 5 86. 4 77. 9 76. 6	86. 1 85. 0 85. 1 85. 7	94. 3	78.3 78.8	85. 9 86. 1 85. 8 85. 5	81.1	73. 4 74. 5	93, 6 95, 0	80, 6 81, 0	86, 5 86, 9	72. 9 73. 4	67.5	82. 7 83. 0 83. 4 83. 9	109 108	81.5	88.
1936: January February March April May June July Angust September Monthly average, January through September:	80 6 80. 6 79. 6 79. 7 78. 6 79. 2 80. 3 81. 6	82 2 81 81 3 81 6 80 5 80 7 81 6 82 4	77. 4 77. 0 75. 8 77. 6 79. 8 81. 5	74. 8 74. 6 74. 4 74. 5 74. 1 73. 9 75. 2 75. 6 75. 9	76. 9 75. 2 78. 1 81. 3 83. 8	70. 6 73. 0	83. 5 83. 2 80. 1 80. 2 78. 0 79. 9 81. 4 83. 1	92. 1 89. 7 91. 0 85. 1 85. 1 84. 9 86. 4	79 0 78.9 78.9 78.8 78.8 79.5	85. 7 85. 5 85. 3 85. 7 85. 8 85. 8 86. 7 86. 9	80. 1 79. 3 78. 5 77. 7 78. 0 79. 4 79. 8	76. 1 76. 2	96. 1 94. 9 94. 6 94. 6 93. 8 93. 4	81.5 81.5 81.4 81.2 81.4	86. 7 86. 6 86. 6 86. 3 86. 2 86. 9	71. 0 70. 8 70. 2 69. 8 69. 7 70. 5 70. 9	68. 1 68. 3 68. 6 69. 2 69. 7	83 9 83 5 83 2 83 4 83 8 85 1 85 2 85 9	109 104 105 103 107 115 124	79. 7 79. 9 83. 8 84. 0	88. 88. 88. 88. 87. 88. 89.
through September: 1934	74. 4 79. 8 80. 2	82.1 81.7	76.9 78.7	73. 2 72. 8 74. 8		83.1	83. 2 81. 4	93. 9 88. 5	78. 5 77. 7 79. 1	85.1 86.1	80. 2 79. 4	73. 4 76, 1	87. 9 94. 7	80.6	86.3 86.7	70. 2	69.5	82.3 84.4	107		88.

http://fraser.stlouisfed.org/

Federal Reserve Bank of St. Louis

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

				_	Reta	il trade						Whole tra			nercial tres ¹
·	D	epartın	ent store	98	Chain	-store s	ales	Rura	sales	,					
Year and month	Sa	les	Sto	cks !	Com-	Variety	stores		al mer- adise	New p ger-ca		Em- ploy- ment	Pay rolls	Fail• ures	Liabil- ities
	Unad- Just- ed ¹	Ad- Just- ed ?	Unad- just- ed ¹	Ad- just- ed '	bined index i	Unad- just- ed	Ad- just- ed !	Unad- just- ed ¹	Ad- just- ed ?	Unad- just- ed 1	Ad- just- ed ?	ment			
	Montl	bly avers	ge, 1923~1	25 = 100	Avg. same mo. 1929- 31=100		Montl	hl y avers	ige, 1929-	-31=100		Monthl age, 19		Num- ber	Thou- sands of dolls.
1929: September 1930: September 1931: September	88	113 99 85	104 95 84	100 91 81		102. 6 92. 5 88. 1	107. 4 96. 9 92. 3	133. 0 92. 3 69. 3	134, 4 93, 2 70, 0	133. 8 78. 7 47. 2	141. 5 82. 0 49. 0	101. 9 94. 4 85. 1	103. 3 92. 8 79. 5		
1932: September 1933: September 1934: September 1935:	79	67 68 74	63 73 67	60 70 64	83 88 95	78. 0 82. 5 85. 5	81.7 86.4 89.5	61. 2 73. 2 97. 9	61.8 73.9 98.8	30. 5 51. 2 51. 9	31, 0 52, 0 53, 0	75. 6 80. 3 83. 5	60. 1 58. 7 63. 6	1, 075 771	16, 663 15, 552
September October November December	86 86 91 145	81 78 82 83	67 72 75 61	64 68 67 65	98 100 100 103	87. 7 93. 4 95. 1 178. 4	91. 8 92. 0 93. 7 96. 7	103. 7 127. 6 127. 6 155. 9	104, 8 104, 6 103, 7 109, 8	50, 1 53, 3 96, 6 90, 6	79. 0 82. 0 113. 5 106. 5	83. 7 85. 7 86. 4 86. 8	67. 2 66. 8 66. 9 68. 6	787 1,056 898 910	17, 002 17, 185 14, 384 15, 686
1936: January February March	63	81 83 84	58 62 67	66 65 65	97 99 101	67. 7 73. 5 80. 3	90. 8 88. 0 93, 3	79. 9 84. 2 99. 2	96. 3 93. 0 106. 7	69. 3 65. 5 117. 8	102. 0 89. 5 101. 0	85. 6 85. 0 85. 6	66. 6 66. 6 69. 0	1,077 856 946	18, 104 14, 089 16, 271
April May June	85 89 84	84 87 87	68 67 62	65 65 61	102 103 108	95, 7 96, 8 98, 8	95, 2 96, 8 104, 0	105, 5 106, 5 106, 2	109, 9 113, 3 112, 4	142.3 138.6 139.3	93, 5 93, 5 100, 5	85. 7 84. 6 84. 6	67. 9 68. 2 68. 4	830 832 773	14, 157 15, 375 9, 177
July August September Monthly average, January	63 68 93	91 87 88	59 65 71	63 67 6 8	110 109 110	97. 2 86. 5 98. 2	109. 2 97. 7 102. 8	88, 3 96, 2 122, 3	114.7 111.9 123.6	117. 3 92. 9 70. 9	104, 5 92, 0 83, 0	85. 4 86. 2 87. 7	69. 0 69. 6 70. 6	639 655 586	9, 904 8, 271 9, 819
through September: 1934 1935 1936	67 69 76		64 62 64		92 96 104	81.7		86.9		84.9		82. 1 83. 2 85. 6	62. 4 64. 9 68. 4	986 961 790	20, 208 15, 084 12, 796

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

2 Adjusted for seasonal variations.

I End of month.

4 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 rail-road 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

		y emplo id pay re			N	onman	ufactur (Dep	ing emi artmen	loyme t of La	nt and bor)	pay rol	ls				Wages	
Year and	Emplo	yment	Pay rolls	Anth: min		Bitum coal m		Electri and p and m factur	ower anu-	and	hone tele- iph	Retail	trade	Trade- Union mem- bers em-	Fact	ory 2	Com- mon labor rates
month	Unad- justed		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	ployed	Average weckly earnings	Average hourly earnings	(road build- ing) ¹
	Mor I	nthly ave 923-25=1	rage, 00				Month	ly averag	e, 1929=	= 100				Percent of total members	Do	llars	Cents per hour
1929: September 1930: September 1931: September 1932: September 1933: September 1934: September 1934: September 1935:	109. 0 89. 6 77. 4 63. 3 80. 0 75. 9	106.3 87.0 75.2 61.8 78.0 74.0	112. 9 84. 1 63. 4 42. 7 58. 8 57. 6	101. 9 93. 8 80. 0 55. 8 56. 8 56. 9	103. 8 91. 6 64. 9 47. 0 60. 7 47. 0	97. 2 90. 5 80. 4 62. 4 71. 8 78. 2	98. 6 74. 9 53. 6 30. 2 44. 1 51. 4	105. 5 105. 2 94. 7 81. 0 80. 3 85. 8	106. 6 106. 1 94. 3 74. 7 71. 8 79. 3	102. 5 96. 8 85. 0 77. 4 68. 3 70. 9	100, 4 102, 2 92, 1 75, 9 64, 6 72, 2	100. 6 94. 3 83. 3 74. 2 80. 6 81. 7	101. 7 91. 5 78. 3 58. 3 58. 7 60. 6	90 79 74 68 71 75	29, 01 24, 95 21, 90 16, 44 19, 41 19, 55	. 594 . 589 . 562 . 480 . 536 . 591	34 32 37 41
September October November December	83. 7 85. 3 85. 0 84. 6	81. 9 83. 7 84. 8 85. 6	71.7 74.3 73.7 75.6	46. 0 58. 8 46. 6 57. 3	38. 2 55. 9 28. 4 55. 4	77. 1 74. 3 76. 1 79. 1	60. 1 69. 8 65. 5 69. 5	86. 9 87. 4 87. 6 86. 8	84. 5 84. 4 83. 4 86. 0	70. 4 70. 0 69. 8 69. 6	73. 8 74. 9 74. 9 75. 6	81. 8 83. 8 84. 6 92. 9	62. 5 63. 2 63. 4 69. 3	80 80 80 77	22, 54 23, 13 23, 32 23, 38	. 601 . 602 . 605 . 604	42 42 42 41
January. February. March. April. May. June. July. August. September. Monthly average.	82. 9 83. 1 84. 1 85. 1 85. 7 86. 0 86. 8 89. 0 90. 6	84. 8 83. 8 84. 2 84. 9 85. 8 86. 3 87. 6 88. 9 88. 9	71. 9 72. 0 75. 5 77. 2 78. 5 78. 7 77. 8 81. 1 81. 0	59, 1 61, 2 52, 5 49, 8 54, 9 51, 2 48, 4 41, 1 47, 6	54. 4 76. 7 42. 6 28. 6 56. 3 42. 0 37. 2 31. 4 34. 9	79. 8 80. 2 80. 4 77. 5 76. 2 75. 7 75. 5 76. 8 78. 1	70. 6 78. 4 70. 2 62. 6 62. 2 61. 5 62. 6 65. 8 71. 0	86. 1 86. 1 86. 8 88. 0 89. 0 90. 3 91. 7 93. 5 93. 4	84. 8 84. 7 85. 9 86. 2 87. 0 88. 1 89. 8 89. 9 90. 6	70. 1 69. 9 70. 2 70. 8 71. 6 72. 1 73. 1 73. 5 73. 7	75. 0 76. 2 77. 2 76. 0 78. 5 77. 4 79. 9 81. 0 78. 2	80. 4 79. 7 81. 9 85. 2 85. 0 85. 5 83. 2 82. 4 86. 8	62. 1 61. 6 63. 5 65. 3 65. 8 66. 4 65. 1 64. 4 66. 6	78 78 79 82 83 83 83 86 86	23, 40 23, 14 23, 67 23, 33 24, 41 24, 45 24, 23 24, 66 25, 12	. 608 . 608 . 611 . 613 . 616 . 617 . 617 . 616 . 619	40 38 37 38 42 42 42 41 42
January through September: 1934 1925 1936	79. 2 81. 3 85. 9		61. 6 67. 9 77. 1	59. 4 52. 9 51. 8	57. 7 47. 8 44. 9	76. 4 76. 7 77. 8	53. 0 54. 9 67. 2	83. 4 83. 9 89. 4	77. 4 80. 3 87. 4	70. 4 70. 2 71. 7	70. 8 74. 3 77. 7	80. 8 80. 7 83. 3	60, 1 61, 0 64, 5	74 77 82	20. 07 21. 95 24. 05	. 577 . 598 . 6 14	42 41 40

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*Beginning 1934 data compiled from Public Works projects, prior years from Federal aid and State projects. http://fraser.stlouis. National Industrial Conference Board.

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

	Bank debits	Repor bank closes mon	sť to (ember Inesday end of	Federal Reserve bank	Excess reserves of	Net gold im- ports in-	Money	Savi depo		Stock prices (419)	Bond prices, New York	New	Aver- age divi-	Interest rates,
Year and month	outside New York City	Loans on securi- ties	"Oth- er" loans 2	ln- vest- ments	credit out- stand- ing, end of month	mem- her banks, end of month	cluding gold released from ear- mark ¹	in circu- lation	New York State	Postal Sav- ings	Stand- ard Statis- tics	Stock Ex- change (do- mestic)	capital issues	dend per share (600 com- panies)	com- mercial paper (4-6 months)
					Millions	of dollars					1926=100	Dollars	Thous. of dollars	Dollars	Percent
1929: September 1930: September 1931: September 1932: September 1933: September 1934: September 1935:	27, 274 21, 253 16, 627 11, 767 12, 215 12, 888	7, 828 8, 476 6, 346 4, 521 3, 887 3, 160	3, 357	5, 401 6, 454 7, 916 8, 210 8, 382 10, 757	1,458 1,103 1,578 2,233 2,421 2,464	159 375 713 1,727	$\begin{array}{c c} 11.0 \\ e.5 \\ -258.5 \\ 100.2 \\ -7.4 \\ -16.3 \end{array}$	4,811 4,493 5,133 5,685 5,632 5,427	4, 457 4, 662 5, 231 5, 282 5, 079 5, 145	160 190 470 859 1, 189 1, 193	225. 2 148. 8 85. 4 58. 4 75. 5 67. 4	95, 58 98, 83 88, 34 83, 93 85, 82 90, 05	1,300,782 374,963 221,057 68,515 64,197 39,293	2. 95 2. 83 2. 18 1. 24 1. 06 1. 23	614 3 2 2-214 114-11/2 34-1
September October November December	15, 016 16, 844 16, 685 18, 676	3, 095 3, 006 3, 108 3, 274	3, 380 3, 340 3, 401 3, 401	12, 390 12, 476 12, 480 12, 646	2, 477 2, 482 2, 480 2, 486	2, 600 2, 970 3, 100 2, 844	157. 7 313. 5 211. 1 191. 3	5, 651 5, 704 5, 770 5, 897	5, 179 5, 161 5, 154 5, 187	1, 192 1, 196 1, 199 1, 201	85. 0 85. 2 93. 3 95. 3	92, 65 92, 84 93, 69 94, 47	172, 745 148, 462 119, 794 221, 207	1. 34 1. 35 1. 40 1. 41	34 34 34 34 34
January February March April May June July August September	17, 499 15, 766 17, 867 17, 497 16, 998 18, 882 18, 617 17, 106 17, 592	3, 128 3, 117 3, 313 3, 364 3, 486 3, 319 3, 173 3, 177 3, 242	3, 304 3, 281 3, 495 3, 485 3, 586 3, 619 3, 600 3, 749 3, 949	12, 996 13, 047 13, 229 13, 452 13, 522 14, 159 14, 084 13, 809 13, 929	2, 479 2, 482 2, 473 2, 475 2, 474 2, 473 2, 462 2, 470 2, 473	3, 084 2, 986 2, 305 2, 664 2, 866 2, 717 3, 029 1, 950 1, 840	43. 9 -26. 1 6. 4 27. 9 166. 7 253. 0 17. 7 55. 5 142, 9	5, 757 5, 779 5, 857 5, 892 5, 918 6, 062 6, 203 6, 191 6, 258	5, 177 5, 177 5, 204 5, 175 5, 165 5, 210 5, 197 5, 197 5, 223	1, 208 1, 214 1, 216 1, 215 1, 214 1, 232 1, 244 1, 249 1, 251	100. 1 106. 1 108. 7 108. 9 101. 0 105. 6 109. 2 113. 0 114. 1	96. 16 97. 22 97. 26 96. 69 97. 38 97. 63 98. 19 98. 81 99. 27	115, 253 106, 739 129, 527 176, 672 111, 571 217, 270 102, 769 216, 510 178, 989	1. 42 1. 45 1. 46 1. 47 1. 50 1. 51 1. 58 1. 64 1, 67	3.3 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4

¹Net exports indicated by (-).

 2 Note 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 in part, of half the increase accounted for by the larger value of situation.

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

AND THE RESIDENCE OF THE PARTY	Ind	exes			Exp	orts of	Onited S	tates me	rehandi	se			I	mports	2	
	Value	Value	Ex- ports,		Cru mate					Finished nufactu						
Year and month	of total ex- ports, ad- justed ¹	of total im- ports, ad- justed ¹	in- clud- ing reex- ports	Total	Total	Raw cot- ton	Food- stuffs, total	Semi- man- ufac- tures	Total	Ma- chin- ery	Auto- mo- biles, parts and acces- sories	Total	Crude ma- terials	Food- stuffs	Seml- man- ufac- tures	Fin- ished man- ufac- tures
	Month age, 192	ly aver- 3-25=100						М	illions of	dollars						
1920: September 1930: September 1931: September 1932: September 1933: September 1934: September 1935:	45 33 40	115 74 55 32 48 43	437, 2 312, 2 180, 2 132, 0 160, 1 191, 3	431.8 307.9 177.4 129.5 157.5 188.9	112. 3 94. 3 44. 4 47. 4 63. 6 66. 1	76, 4 62, 8 23, 5 32, 1 45, 3 32, 2	70. 9 46. 0 28. 4 20. 4 18. 7 20. 1	57, 7 37, 1 21, 4 15, 9 21, 3 29, 7	190. 9 130. 6 83. 2 45. 9 53. 9 73. 0	48.7 33.5 24.6 9.1 11.7 18.8	33. 6 16. 5 8. 7 4. 9 8. 3 14. 0	351, 3 226, 4 170, 4 98, 4 146, 6 149, 9	122. 1 75. 4 52. 9 27. 3 48. 3 38. 6	73. 0 48. 2 35. 1 31. 3 31. 2 57. 5	70. 6 41. 0 30. 3 14. 6 33. 5 24. 2	85. 6 61. 8 52. 0 25. 3 33. 6 29. 5
September October November December	48 62	53 58 52 58	198. 2 221, 2 269, 3 223 5	195. 5 218. 1 266. 7 221. 0	68. 7 82. 6 112. 7 52. 7	31. 8 45. 9 75. 1 56. 8	22. 4 23. 7 26. 8 19. 7	29. 3 30. 3 34. 3 31. 7	75, 2 81, 5 93, 0 86, 9	20. 5 23. 5 25. 5 22. 5	13. 3 14. 1 21. 9 19. 7	168. 7 189. 7 162. 8 179. 6	49, 8 55, 4 46, 0 55, 7	44. 4 51. 7 43. 9 44. 8	38. 4 38. 6 36. 3 42. 8	36. 0 44. 0 36. 6 36. 3
1936: January February March April. May June July August September Cumulative, January	53 51 53 56 55 54	57 60 55 58 58 62 65 62 79	198. 0 181. 8 194. 8 192. 6 200. 7 184. 9 179. 8 178. 3 239. 1	195. 1 179. 2 192. 1 189. 4 196. 9 180. 6 176. 4 175. 6 217. 5	59. 8 50. 1 44. 5 40. 4 42. 6 39. 3 30. 4 38. 1 72. 8	35, 7 26, 6 26, 3 22, 8 22, 9 19, 7 10, 8 12, 4 38, 2	15. 9 14. 8 16. 8 14. 2 15. 9 14. 5 15. 0 19. 7 23. 3	28. 6 28. 3 32. 1 33. 8 35. 1 24. 1 33. 3 32. 3 31. 9	90. 8 86. 1 98. 7 101. 0 103. 2 92. 7 97. 7 85. 5 89. 5	25, 5 24, 6 27, 9 30, 7 29, 6 26, 0 29, 3 25, 2 27, 3	22. 1 22. 1 24. 0 23. 0 22. 5 19. 1 16. 9 12. 4 12. 5	186. 4 189. 6 194. 3 199. 8 188. 4 193. 6 196. 5 200. 1 218. 4	58. 4 58. 6 57. 7 62. 1 55. 1 54. 9 56. 0 61. 7 69. 4	55. 3 60. 3 63. 6 65. 7 55. 8 59. 0 59. 3 56. 3 64. 2	39, 7 40, 1 36, 1 37, 6 38, 5 43, 1 42, 7 40, 8 40, 8	33. 0 30. 6 36. 8 34. 4 39. 1 37. 0 38. 6 41. 4 43. 9
through September: 1934 1935 1936	3 46 3 46 3 51	5 52	1,561.0 1,568.0 1,7°	1, 536. 9	443.6 404.9 418.0	255. 1 213. 3 215. 4	171.0 145.8 150.2	252.3 253.5 289.5	669. 2 732. 6 845. 1	160. 0 194. 0 246. 1	171.8	1, 222. 4 1, 507. 9 1, 757. 0	356. 5 425. 8 533. 7	375. 5 501. 8 539. 4	232. 7 291. 7 359. 3	257. 7 288. 6 334. 7

Digitized for FRANCE 1 28 2 2 General imports through December 1933; imports for consumption thereafter.

Monthly average of unadjusted indexes.

http://fraser.stlouisfed.org/ Federal Reserve Bank of St. Louis

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

				Freigh	it-car	loadina	(8					Pull- man	tistics	cial sta- , class I ways	Ca	nal tra	Me
Year and month	F. R.		Total	Coal and	For- est prod-	Grain and prod-	Live-	Mer- chan- dise	Ore	Mis- cel- la-	Freight- car surplus	pas- sen- gers car-	Oper-	Net rail- way op- erating	Sault Ste.	New York	Pana-
	Unad- justed	Ad- justed²		coke	ucts	ucts	Stock	i. c. i.		neous		ried	reve- nues	income	Marie	State	ma ³
	Month age, 19	23-25 =				Thousa	nds of c	ars 4				Thou- sands		sands of llars	Thouse short		Thous. 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 78	87 69	960. 1 731. 5	167. 0 131. 4	41.5 25.5	45. 4 37. 1	28. 3 25. 4	244. 4 210. 3	47.3 28.4	386. 2 273. 5	394 564	2, 517 1, 969	462, 209 346, 340	102, 852 54, 495	10,347 7,126	458 587	1,040 884
1932: September	61	54	576.5	113.4	17.8	36.8	$\frac{23.4}{21.3}$	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, 609	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:				ļ		İ						i '	,	'	, '	1	'
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
Ortober	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 December	67 62	66 71	635.9 579.6	132. 3 138. 8	27. 5 25. 9	31. 3 27. 3	16. 9 12. 8	157. 6 146. 6	13. 4 5. 2	256. 9 223. 1	252 271	1, 246 1, 409	301, 331 296, 225	54, 234 46, 040	4, 087 439	655	843 852
1936:	02	''	379.0	100.0	20. 9	21.3	12.0	140, 0	3, Z	223. 1	2/1	1,409	290, 220	40,040	439		692
January	63	70	588.3	156.0	26.0	30. 2	13. 1	141. 4	5, 6	215. 9	231	1, 533	299, 099	35, 765	0	0	775
February	65	70	627.0	192. 1	26. 9	30. 2	10.6	146.0	5. 7	215.6	171	1,359	300, 459	33, 595	Ď	Ĭ	813
March	62	66	604.7	112.5	30.5	34.0	11.9	155. 6	6.0	254. 2	205	1,312	308, 304	35, 206	0	0	981
April	66	69	636, 2	118. 2	30.3	30.6	12.4	161.8	8.9	274. 0	179	1, 353	313, 410	41, 548	37	228	1,023
May	71	70	670.4	119.6	32. 3	31.1	12.3	158. 9	37.4	278. 7	185	1, 295	320, 966	41,842	8,710	568	940
June	72	70	696. 8	114.9	34.7	34. 9	11.8	162. 2	50. 5	287. 9	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 82	70 72	740. 2	129.7	36. 1 34. 7	43, 3	15.4	165.6	54.9	295. 2	146 125	1,565	350, 585	64,681	10,699 11.041	605	1,058 1,054
Monthly average, Janu-	82	13	765, 3	142,4	01.4	31.8	18, 2	165.8	56.4	315.9	125		357,207	70,166	11,011		1,031
ary through September:										i				1		1	
1934	62		599.0	122. 9	22.6	32.9	20. 2	159.8	17. 5	223.0	361	1, 260	273, 797	38, 287	5,719	5 479	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	5 492	842
1936	79		671. 2	134.6	31.6	35. 4	13, 2	157. 1	31.0	268.3		61,421	325, 607	48, 321	8,546	5 551	957

<sup>Daily average basis.
Adjusted for seasonal variations.</sup>

American vessels, both directions.
 Average weekly basis.

⁵ Average, April—August. 68 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

		Autom	obile pro	oduction		Autor exp	nobile orts	Registr	ations	New pas			matic es '	Cr	ude rut	ber
		United	States		Canada				New				Do-	Do- mestic		World
Year and month	F.R. index, ad- justed ¹	Total	Pas- sen- ger ears ³	Trucks	Total	Passen- ger	Trucks	New passen- ger cars	com- mercial cars	Unad- justed	Ad- justed 1	Pro- duc- tion	mestic ship- ments	con- sump- tion, total	Im- ports	stocks, end of month
	Month- ly av., 1923- 25=100	Thou	sands			Nun	abe r			Monthly 1929-3	average, 1=100	Thou	sands]	Long ton	s
1929: September- 1930: September- 1931: September- 1932: September- 1933: September- 1934: September- 1935: September-	122 62 40 24 55 51	416 221 141 84 192 170	364 176 109 65 157 125	51, 576 44, 223 31, 338 19, 402 34, 424 44, 967	13, 817 4, 957 2, 646 2, 342 5, 808 5, 579	20, 934 8, 130 4, 577 3, 053 6, 330 10, 236	12, 985 5, 285 4, 171 2, 601 4, 614 7, 530	304, 359 175, 286 124, 903 81, 893 157, 834 146, 931	46, 532 33, 911 25, 967 15, 180 31, 269 37, 225	133, 8 78, 7 47, 2 30, 5 51, 2 51, 9	141. 5 82. 0 49. 0 31. 0 52. 0 53. 0	3, 568 2, 692 2, 538 2, 031 3, 199 2, 848	4,330 3,360 3,034 2,410 2,714 2,993	31, 236 23, 265 21, 747 20, 692 31, 047 27, 317	34, 814 35, 783 38, 933 29, 280 46, 255 32, 010	307, 152 467, 273 561, 838 599, 986 623, 683 694, 361
September October November December	91 96 105 107	88 272 395 405	56 213 337 343	31, 443 58, 733 58, 145 61, 506	5, 188 8, 273 13, 491 13, 789	5, 622 7, 471 22, 491 17, 736	7, 081 7, 109 8, 038 10, 276	157, 098 148, 389 220, 262 237, 194	41, 390 43, 243 37, 616 38, 000	50. 1 53. 3 96. 6 90. 6	79. 0 82. 0 113. 5 106. 5	3, 067 3, 281 3, 238 3, 282	2, 821 3, 258 3, 170 3, 311	34, 000 38, 192 38, 500 38, 648	35, 707 36, 378 26, 073 39, 812	661, 509 655, 000 623, 300 611, 987
January February March April May June July Angust September Monthly average, January through Sept.	108 93 107 122 117 118 124 114 107	364 288 421 503 461 453 441 271 135	298 225 344 417 386 376 372 210 91	65, 730 62 790 77, 448 85, 642 75, 058 77, 061 68, 597 61, 537 44, 533	13, 302 13, 768 18, 021 24, 951 20, 006 16, 400 10, 475 4, 660 4, 655	15, 867 16, 046 18, 921 17, 723 17, 727 14, 987 12, 714 8, 323 4, 564	9, 787 9, 913 9, 999 8, 330 10, 848 9, 055 9, 811 7, 405 6, 375	215, 782 176, 668 301, 272 397, 190 392, 750 369, 423 357, 490 262, 912 208, 896	43, 760 40, 301 51, 817 57, 000 62, 183 56, 000 63, 695 59, 222 54, 611	69. 3 65. 5 117. 8 142. 3 138. 6 139. 3 117. 3 92. 9 70. 9	102. 0 99. 5 101. 0 93. 5 93. 5 109. 5 109. 5 104. 5 92. 0 83. 0	3, 709 2, 898 2, 947 3, 932 4, 027 4, 544 4, 427 4, 062	3, 079 2, 545 3, 065 3, 917 4, 659 4, 626 4, 599 3, 978	43, 655 33, 071 38, 433 46, 707 45, 434 47, 372 45, 721 45, 257 45, 403	33, 921 34, 339 34, 874 45, 830 37, 050 38, 273 26, 450 41, 788 50, 633	600, 479 599, 355 574, 594 558, 583 533, 411 511, 931 510, 872 402, 439 485, 500
1934 1935 1936	80 97 110	265 319 371	215 262 302	50,020 57,367 68,711	12,076 15,258 13,971	12, 181 14, 000 14, 097	7, 889 8, 184 9, 058	173, 854 237, 562 298, 043	34, 474 44, 117 54, 288	64. 0 84. 9 106. 0		44, 109 43, 979 43, 818	44,047 44,049 43,809	35, 533 37, 323 43, 450	42,000 40,519 38,062	673, 082 678, 941 540, 796

Adjusted for seasonal variations. Covers varying percentage of industry, see note on p. 55. Includes taxicabs, see footnote on p. 59. As months' average.

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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

	Genera	ıl opera	tions	lren ste	and eel	Pig	iren	Steel i	ingots	Stecl	sheets 2	United States		Pri	res	
Year and month	Produc- tion, ad- justed 1	Em- ploy- ment, ad- justed	Pay rolls, unad- justed		Im- ports	Pro- duc- tion	Fur- naces in blast	Pro- due- tion	Per- cent of capac-	New or- ders	Ship- ments	Steel Corpo- ration, finished prod- ucts, ship- ments	Iron and steel, com- posite ³	Steel billets, Besse- mer (Pitts- burgh)	Steel scrap (Chi- cago)	Fin- ished steel, com- posite
		thly aver 23-25=10		Tho	usands tons	of long	Num- ber	Thou- sands of leng tons	ity		sands of rt tons	Long tons	Dolla	rs per lor	ng ton	Dollars per 100 pounds
1929: September 1930: September 1931: September 1932: September 1923: September 1934: September 1935: 1935:	83 45 28 65	101.7 82.7 65.2 49.4 70.9 65.4	111.3 76.3 45.5 24.8 47.5 41.1	221 131 70 36 109 301	61 40 31 29 56 24	3, 498 2, 277 1, 169 593 1, 522 898	205 123 73 47 89 62	4, 528 2, 840 1, 545 992 2, 983 1, 209	92 55 28 18 40 23	275 214 121 79 145 77	301 187 123 75 164 73	867, 282 486, 928 316, 019 575, 161 370, 306	36, 20 32, 76 30, 61 28, 93 30, 36 32, 15	35, 00 31, 00 29, 00 26, 00 26, 00 27, 00	15, 13 12, 50 8, 20 6, 25 9, 84 8, 50	2. 54 2. 24 2. 20 2. 16 2. 20 2. 44
September October November December	8× 96	74. 1 75. 9 77. 1 77. 9	62.7 65.5 65.1 68.8	244 238 205 239	53 60 57 54	1,776 1,978 2,066 2,106	104 116 122 120	2, \$25 3, 143 3, 150 3, 073	51 53 55 56	196 226 289 203	177 221 213 195	614, 933 686, 741 681, 820 661, 515	32. 82 32. 84 33. 15 33. 31	27, 00 27, 00 28, 00 29, 00	12, 50 12, 50 13, 00 13, 35	2. 43 2. 43 2. 43 2. 43
1936: January February March. April. May June July August September Monthly average, January	83 83 100 105 113 119	77. 6 75. 9 76. 1 77. 9 80. 1 82. 2 85. 1 86. 2 87. 1	64. 4 85. 2 69. 9 73. 9 76. 9 75. 8 80. 7 83. 1	242 214 264 302 315 295 295 226	50 43 57 49 59 60 48 61	2,712	117 120 126 144 146 145 146 148 148	3, 046 2, 964 3, 343 3, 942 4, 046 3, 985 3, 923 4, 195 4, 164	51 54 59 69 71 76 69 74 73	175 138 252 190 192 264 193 203 356	207 176 210 252 210 294 213 107 294	721, 414 676, 315 783, 552 979, 907 984, 097 886, 065 910, 851 923, 703 961, 463	33, 34 33, 48 33, 21 33, 10 32, 92 22, 79 33, 49 33, 88 34, 15	29. 00 29. 00 28. 20 28. 00 28. 00 28. 00 30. 00 30. 00 30. 40	13. 38 14. 19 14. 75 14. 34 12. 88 12. 85 13. 38 15. 10 16, 15	2. 43 2. 43 2. 37 2. 36 2. 36 2. 43 2. 43 2. 43
through September: 1934 1935 1936		69. 8 71. 7 80. 9	50. 3 57. 6 74. 0	223 265 273	27 33 54	1, 442 1, 651 2, 396	87 96 139	2, 282 2, 672 3, 784	40 47 66	156 195 207	160 189 208	533, 018 593, 469 874, 190	32. 13 32. 50 33. 37	27. 13 27. 00 28. 96	10, 37 10, 96 14, 12	2. 41 2. 45 2. 40

¹ Adjusted for seasonal variations

² 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

	ļ	Cotton, raw	C	otton ma	nufactu	ıres	Wool	Wo	ol man	ufactu	res	Whole-	Si	lk	Ra	yon	flo- siery
	Pro- duc- tion in-	Mill	Spin-	Cottor finis	elot h, hing	Whole-	Con-	Spin spin	ning dles	Loc	ms	sale price, woolen	Deliv-	Whole- sale price,		veries rnills	Pro-
Year and month	dex, ad- Justed ¹	con- sump- tion	dle ac- tivity, total	Plain bleach- ed	Frint goods	price, cotton goods	sump- tion ²	Wooi- en	Wor- sted	Nar- row	Broad	and worsted goods	eries to mills	raw, Japa- nese,13- 15 (New York)	Un- ad- just- ed	Ad- just- ed ¹	duc-
	Month- ly av- erage, 1923-25= 100	Run- ning bales	Mil- lions of spindle hours	Thous:		Month- ly av- erage, 1926= 100	Thou- sands of pounds		ent of a o total r			Month- ly av- erage, 1926= 100	Bales of 133 pounds	Dollars per pound	ave	nily rage, 25= 100	Thou- sands of dor- en pairs
1929: September	116 88 100 104 99 63	545, 834 393, 390 464, 335 492, 742 490, 482 294, 696	7, 873 5, 662 6, 539 6, 875 7, 053 3, 716	111,581		98. 4 78. 6 61. 5 57. 9 91. 3 87. 8	49, 755 38, 083 47, 548 46, 055 50, 467 23, 467	77 55 63 70 82 43	70 60 70 74 69 20	63 41 44 36 48 17	64 46 63 65 73 27	86.7 75.9 65.7 56.7 82.7 78.0	53, 274 55, 649 53, 819 59, 694 31, 185 32, 599	5, 122 2, 413 2, 315 1, 805 1, 889 1, 137	337 304 335 478 433 308	286 249 242 355 313 221	6, 986
September October November December 1936:	113 106	450, 647 552, 840 512, 312 499, 773	6, 182 7, 437 6, 898 6, 804	93, 013 110, 885 102, 292 101, 310	86. 948 97, 972 97, 331 104, 720	83, 2 84, 5 85, 8 86, 0	80, 293 78, 727 72, 993 73, 367	97 106 104 93	67 81 83 73	33 42 44 43	78 84 89 90	76. 9 79. 1 80. 7 81. 0	45, 156 48, 167 37, 012 35, 559	1, 868 2, 084 2, 092 1, 955	583 494 464 473	419 462 522 557	9, 577 11, 574 10, 293 8, 918
February February February March April May June July August September Monthly average, January through	102 100 100	500, 484 515, 977 550, 641 576, 762 530, 894 555, 449 607, 056 574, 289 629, 727	7,709 6,735 7,254 7,313 6,896 7,320 7,855 7,573 8, 0 88	97, 435 92, 807 107, 893 104, 837 105, 062 104, 630 101, 904 104, 667 107, 706	100, 528 91, 860 95, 274 91, 074 89, 518 90, 328 91, 273 91, 157 85, 514	80. 4 78. 1 77. 1 76. 2 75. 5 75. 4 78. 7 79. 5 80. 0	73, 908 64, 193 53, 460 55, 387 46, 593 54, 533 68, 718 63, 449 69, 763	95 96 85 82 87 87 90 97 88	62 68 59 60 57 57 59 68 65	48 14 38 36 34 36 36 43 41	90 80 76 76 74 69 73 66	81. 4 82. 8 83. 8 82. 2 82. 2 82. 6 82. 0 81. 2 80. 9	38, 995 32, 053 36, 000 34, 564 32, 087 31, 437 36, 658 42, 016 45, 709	1, 950 1, 784 1, 733 1, 682 1, 600 1, 597 1, 714 1, 791 1, 698	477 517 422 433 428 498 614 633 537	487 454 399 416 446 623 868 586 586	10, 019 9, 252 9, 832 10, 201 9, 270 9, 479 9, 983 10, 111
September: 1934	83 102 108	444, 298 453, 972 570, 142	6, 196 6, 097 7, 416	126, 562 119, 260 102, 903	100, 947 95, 831 91, 948	87. 1 82. 7 77. 9	29, 996 67, 758 60, 112	67 88 90	36 68 62	31 29 40	54 79 77	81. 6 74. 7 82. 1	37, 123 41, 823 36, 613	1, 303 1, 492 1, 728	331 436 507		³ S, 755 ³ S, 895 ³ 9, 778

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² Grease equivalent; see note on p 58

⁸8 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 entirely 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
1 eat	Sheets	Rods	Tubes	sheets, rods, and tubes
1933	Pounds 9, 508, 222 9, 771, 711 12, 528, 042 7, 767, 158 8, 217, 270	Pounds 1, 901, 812 1, 770, 606 2, 739, 259 1, 836, 825 1, 600, 139	Pounds 506, 039 817, 517 938, 112 622, 509 532, 225	Pounds 2, 482, 111 4, 826, 347 10, 504, 003 6, 110, 272 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

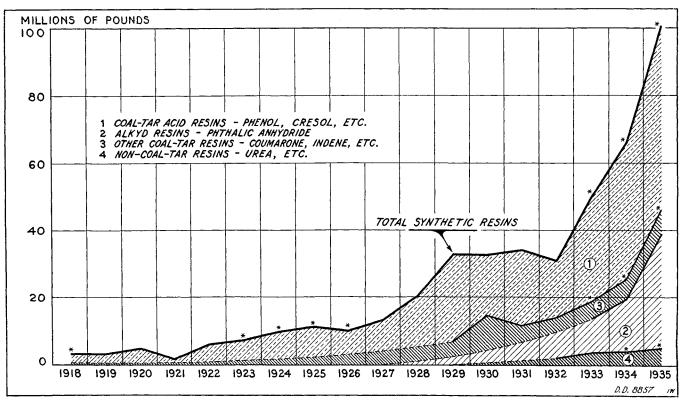


Figure 1.—Synthetic Resin Production

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, commarone and indene resins and resins derived from maleic acid; 1934, commarone, indene and sulfonamid resins, and all noncoal-tar resins except urea resin; 1935, commarone 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

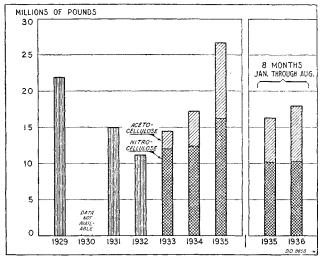


Figure 2.—Cellulose Plastic Products

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]

			Policies an	d certific	ates						Policies ar	ıd certific	ates	
Year	cies	I poli- and ficates	Ordinary policies	Indus polic		Group cer- tificates	-	Year	Tot eic cert	al poli- es and ificates	Ordinary policies	Indus polic		Group cer- tificates
1913 monthly average 1914 monthly average 1915 monthly average 1916 monthly average 1917 monthly average		459, 900 491, 297 517, 395 520, 609 548, 453	77, 58 77, 01 82, 29 94, 20 108, 25	17 4 93 4 55 4	79, 819 10, 189 28, 559 14, 605 14, 443	2, 500 4, 090 6, 542 11, 739 25, 760	1919 mon 1920 mon 1921 mon	thly averag thly averag thly averag thly averag thly averag	0 0 0	569, 004 681, 628 739, 071 720, 402 766, 569	109, 5 176, 6 200, 6 160, 0 163, 1	60 4 42 4 38 5	133, 226 165, 248 199, 938 550, 065 582, 102	26, 266 39, 720 38, 491 10, 299 21, 345
Month	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936
						TOTAL POL	ICIES AN	ID CERTI	FICATI	ES			,	
May	733, 564 732, 351 906, 299 1, 180, 295 1, 044, 939 931, 931 830, 374 772, 141 736, 705 871, 707 868, 488 1, 049, 852 888, 221	785, 452 785, 924 1, 082, 673 869, 712 1, 224, 807	935, 787 1, 054, 452 1, 053, 036 1, 133, 599 1, 036, 023 974, 337 986, 529 896, 336 1, 451, 731 1, 093, 831 1, 235, 468	1, 129, 854 1, 075, 136 1, 123, 876 1, 023, 131 980, 951 957, 397 944, 833 1, 077, 076 1, 162, 574 1, 317, 434	1, 002, 1, 201, 1, 120, 1, 165, 1, 093, 970, 1, 022, 944, 1, 221, 1, 170, 1, 155,	955 1,078.894	1, 155, 054 1, 370, 848 1, 292, 020 1, 224, 121 1, 221, 458 1, 151, 387 1, 106, 008 1, 214, 538 1, 259, 130 1, 294, 938	1, 083, 378 1, 347, 418 1, 261, 810 1, 185, 037 1, 478, 076 1, 238, 743 1, 085, 022 903, 316 1, 140, 439 1, 020, 205 1, 168, 062	1, 036, 91 1, 228, 25 1, 222, 56 1, 166, 32 1, 253, 61 1, 274, 10 1, 251, 43 965, 74 1, 032, 81 1, 227, 06 1, 548, 476	$\begin{array}{c} 0 \\ 1,086,830 \\ 9 \\ 1,142,1926 \\ 9 \\ 1,142,244 \\ 4 \\ 1,087,816 \\ 5 \\ 1,099,304 \\ 1,089,203 \\ 1,089,203 \\ 1,024,926 \\ 949,901 \\ 2 \\ 1,057,307 \\ 1,026,617 \\ 987,305 \\ \end{array}$	932,966 1,045,802 994,863 1,032,400 1,074,317 1,075,054 1,154,356 960,160 1,080,470 1,069,928 1,093,542	879, 231 1, 102, 864 1, 059, 275 1, 258, 002	1, 053, 1, 183, 1, 149, 1, 101, 1, 044, 1, 159, 1, 020, 940, 1, 228, 1, 045, 1, 032,	299
-	1		<u> </u>			OF	RDINARY	POLICIE	s	1	1		!	
January February March April May June July August September Ootober November December	168, 834 166, 435 213, 111 196, 757 208, 419 206, 628 190, 618 182, 047 163, 379 190, 852 193, 188 213, 113	183, 579 182, 812 219, 615 210, 081 211, 968 201, 021 186, 042 163, 935 157, 180 181, 073 202, 814 212, 313	180, 903 217, 944 212, 408 228, 100 216, 059 212, 044 200, 240 185, 076 214, 439 216, 146 235, 300	181, 674 189, 654 240, 938 227, 079 224, 431 235, 284 211, 287 197, 312 183, 049 210, 404 221, 887 264, 580	185, 202, 245, 237, 232, 235, 208, 210, 205, 202, 247,	971 210, 827 433 227, 259 811 276, 982 368 289, 395 653 246, 190 922 241, 152 711 211, 355 627 260, 659 180 254, 510 844 284, 875	218, 643 236, 551 289, 804 280, 815 290, 204 274, 335 269, 354 269, 355 242, 277 285, 993 278, 201 305, 859	252, 368 265, 411 327, 827 306, 797 291, 363 263, 125 266, 254 241, 667 225, 755 258, 323 251, 182 315, 103	229, 509 245, 253 319, 100 298, 201 285, 911 282, 856 257, 95- 230, 609 221, 23- 253, 669 347, 728	7 250, 344 269, 543 0 246, 840 231, 380 3 243, 465 4 226, 665 5 234, 432 227, 841 6 246, 940 0 256, 566 8 296, 366	237, 936 257, 738 234, 143 256, 160 257, 156 240, 209 255, 189 224, 453 245, 168 267, 993 273, 222	242, 845 245, 931 302, 972 289, 801 297, 179 274, 053 248, 253 253, 807 209, 450 256, 854 254, 412 281, 685	246, 275,	279 201, 506 330 226, 602 2176 215, 645 402 228, 654 403 237, 793 193 223, 389 300 202, 353 346 197, 691 333 763
Monthly average	191, 115	192, 703	207, 655	215, 715	216,	1	270, 164	272, 098	269, 067	248, 027	247, 917	263, 104	252,	560
						T 1		L POLICI		1				1
January February March April May June July August September October November Decembor	547, 155 550, 971 950, 443 796, 538 693, 473 608, 854 566, 992 556, 415 668, 393 656, 873 681, 525	766, 821 649, 135 693, 674 705, 346 760, 648 674, 481 595, 545 609, 703 614, 848 830, 831 141, 128 903, 065 703, 769	1, 199, 183 851, 209	817, 246 653, 943 844, 659 787, 138 859, 630 743, 137 716, 607 719, 203 714, 041 822, 459 870, 324 838, 577 782, 247	679, 767, 890, 851, 902, 816, 732, 781, 745, 992, 940, 783,	121 846, 745; 905 905 980, 796; 343 839, 453; 966 840, 317; 361 740, 371; 664 770, 416; 140 946, 284; 847 782, 026; 539 951, 002	1, 051, 983 891, 644 1, 045, 058 964, 177 888, 462 880, 770 107, 25, 451 805, 623 879, 483 941, 358 868, 763 901, 824	802, 585 783, 235 973, 678 893, 017 847, 842 1, 162, 942 895, 318 804, 504 721, 848 846, 805 740, 919 793, 704 855, 616	749, 849 731, 421 881, 059 865, 139 845, 264 925, 851 994, 528 722, 866 761, 207 951, 428 1, 156, 286	815, 947 931, 355 859, 751 833, 423 829, 656 845, 294 773, 803 680, 597 781, 262 746, 709 647, 876	771, 980 773, 223	766, 297 751, 965, 894, 119 840, 919 867, 879 805, 106, 706, 005 792, 675, 653, 550, 821, 330, 784, 142, 922, 027	744, 5 789, 8 891, 8 853, 8 803, 5 769, 0 756, 1 761, 2 934, 4 775, 2	149
Monthly average	002, 200		304, 330	102, 211	020,			TIFICAT		135,105	100,010	800,001		
January	17 575	16 305	47 469	40 794	51	967 26, 408	57, 921		44, 449	48, 578	9 178	28 854	24, 1	30 29 587
January. February. March. April May. June. July. August. September. October. November. December. Monthly average.	17, 575 14, 945 23, 717 33, 095 39, 982 31, 830, 30, 902 23, 102 16, 911 12, 462 18, 427 155, 214 34, 847	16, 395 10, 639 21, 484 24, 732 19, 991 13, 202 17, 873 14, 814 13, 896 70, 769 25, 770 109, 429 29, 916		40, 794 52, 250 44, 257 60, 919 39, 815 43, 710 53, 057 40, 882 47, 743 44, 213 70, 363 214, 277 62, 690	64, 30, 30, 41, 29, 30, 13, 23, 27, 124,	452 53, 800 803 35, 788 991 36, 705 805 48, 839 042 51, 895 100 38, 905 488 24, 605 496 52, 943 797 18, 911 928 42, 358	26, 859 35, 986 47, 028 45, 455 66, 353 72, 923 40, 622 21, 799 49, 062 39, 571 120, 316 51, 991	43, 081 34, 732 45, 913 61, 996 45, 832 52, 009 74, 171 38, 851 45, 713 35, 311 28, 104 59, 255 47, 081	60, 232 28, 093 59, 230 35, 145 44, 909 22, 328 26, 217 21, 646 17, 942 18, 942 44, 456 35, 299	20, 548, 21, 028, 35, 653, 23, 013, 26, 183, 17, 844, 16, 691, 41, 463, 29, 105, 23, 342, 43, 063	29, 955 47, 097	28, 854 15, 137 30, 127 45, 773 34, 402 50, 820 26, 024 24, 954 16, 231 24, 680 20, 721 54, 290 31, 001	14, 1 23, 4 31, 8 38, 1 28, 2 167, 1 23, 5 20, 1 26, 2 64, 5	71 23, 816 82 32, 270 557 29, 560 26 46, 967 77 36, 980 12 54, 660 39 29, 363 78 29, 689 51

¹ See footnote on p. 18.

LIFE INSURANCE—NEW BUSINESS WRITTEN—Continued 1

[Thousands of dollars]

- -			An	nount							Ar	nount		
Year	To	otal	Ordinary	Indus	trial	Group		Year		Total	Ordinary	Indus	trial	Group
1913 monthly average 1914 monthly average 1915 monthly average 1916 monthly average 1917 monthly average		191, 242 193, 742 205, 517 242, 462 281, 856	137, 597 134, 736 143, 462 177, 256 205, 510	2 5 3 5	1, 909 5, 217 8, 128 8, 645 1, 484	1, 736 3, 790 3, 927 6, 560 14, 861	1919 mon 1920 mon 1921 mon	thly averag thly averag thly averag thly averag thly averag	e e e	300, 946 487, 012 580, 014 485, 982 550, 724	214, 293 373, 647 451, 493 371, 913 409, 453	$\begin{bmatrix} 7 & 7 & 7 \\ 2 & 9 \\ 2 & 10 \end{bmatrix}$	6, 099 7, 901 3, 044 4, 813 8, 233	20, 555 35, 465 35, 478 9, 257 23, 036
Month	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936
							то	TAL						
January February March April May June July August September October November December Monthly average Monthly average	559, 790 562, 010 706, 705 744, 535 746, 326 639, 826 644, 706 619, 245 550, 337 638, 176 659, 768 948, 132 676, 630	697, 682 646, 598 783, 407 763, 162 773, 836 727, 489 689, 540 618, 670 584, 954 819, 775 678, 816 1, 033, 419	729, 852 753, 363 885, 633 893, 689 931, 741 875, 171 870, 376 894, 419 733, 991 908, 064 899, 289 1, 236, 438	834, 734 845, 442 1, 026, 620 967, 421 967, 819 971, 607 906, 777 842, 966 788, 930 887, 313 963, 196 1, 281, 484	982, 873 980, 51- 873, 193 874, 80- 756, 206 913, 15- 904, 766 1, 079, 316	959, 209 1, 103, 424 11, 022, 953 1, 170, 000 1, 072, 835 917, 383 867, 174 1, 002, 261 958, 786 915, 419 1, 265, 598	1, 111, 943 1, 142, 585 1, 089, 180 1, 082, 599 1, 006, 298 895, 951 1, 045, 141 1, 030, 310	988, 505 996, 339 1, 214, 182 1, 184, 523 1, 087, 864 1, 132, 941 1, 079, 480 917, 716 884, 784 905, 343 852, 973 1, 095, 612 1, 028, 355	881, 303 906, 048 1, 021, 737 1, 017, 927 971, 875 997, 87- 896, 856 831, 935 714, 685 812, 166 840, 613 1, 110, 11-	826, 681 883, 683 817, 742 754, 254 763, 338 666, 218 664, 354 665, 586 665, 667 666, 669 733, 178	619, 307 605, 794 637, 212 625, 976 641, 102 644, 012 662, 197 655, 013 573, 828 654, 137 676, 462 707, 797 646, 986	661, 457 642, 462 784, 420 791, 250 787, 057 757, 292 690, 217 696, 336 548, 152 691, 199 672, 362 830, 944 712, 762	821, 403 718, 161 763, 997 729, 109 726, 857 689, 828 899, 595 646, 371 569, 418 724, 413 696, 074 782, 250	
~			<u> </u>		!	1	ORDI	NARY		Ť	!			1
January February March April May June July September October November December Monthly average	428, 912 431, 130 545, 864 501, 380 538, 274 490, 342 470, 186 404, 043 476, 298 494, 089 563, 481 489, 955	498, 944 487, 425 591, 581 560, 388 565, 221 551, 504 523, 187 454, 214 420, 548 490, 213 489, 475 623, 329 521, 336	698, 361	551, 296 587, 572 724, 049 671, 254 676, 154 709, 010 634, 337 588, 258 518, 197 598, 437 627, 057 791, 024	569, 806 617, 27; 739, 57; 726, 13; 695, 52; 690, 91; 618, 12; 619, 67; 524, 10; 598, 55; 575, 06; 703, 21; 639, 83;	645, 756 771, 887 700, 985 744, 242 648, 545 616, 883 525, 369 653, 137 658, 902 795, 222	653, 250 675, 743 821, 998 783, 426 792, 257 740, 425 711, 262 687, 381 599, 794 699, 259 694, 898 824, 438 723, 678	706, 165 723, 595 876, 533 829, 889 766, 518 714, 234 701, 938 610, 783 535, 869 610, 012 585, 152 736, 289 609, 747	588, 62: 593, 57; 713, 153 683, 91; 663, 73; 665, 509 597, 44; 539, 09; 478, 16; 557, 73; 581, 67; 747, 13;	8 570, 991 587, 091 515, 961 482, 184 499, 434 442, 593 5 439, 035 6 400, 412 8 428, 146 445, 524 7 510, 504	419, 449 420, 552 432, 105 420, 803 428, 514 442, 671 413, 962 431, 031 370, 995 415, 765 432, 136 458, 074	431, 676 418, 784 523, 073 508, 671 520, 055 488, 007 441, 167 444, 328 356, 130 438, 554 438, 762 519, 677 460, 740	597, 800 488, 756 498, 035 403, 425 401, 303 444, 340 428, 548 411, 338 356, 873 459, 087 451, 685 519, 770 465, 080	449, 496 407, 406 387, 229
					·		INDUS	TRIAL		<u> </u>				
January February March April May June July August September October November	112, 678 114, 758 137, 853 203, 105 162, 326 147, 444 132, 798 127, 090 124, 905 152, 061 146, 882 153, 154	225, 89	2 177, 666 193, 604 2 196, 895 9 217, 735 181, 113 181, 048 175, 114 1 256, 704 8 207, 980 2 223, 883	227, 158 174, 782 230, 203 215, 504 235, 207 202, 315 194, 315 199, 076 197, 277 226, 523 235, 601 228, 008	241, 74 227, 2 241, 6 221, 7 200, 8 211, 1 200, 6 265, 9 252, 7 211, 0	79, 259, 961 216, 396 50 214, 882 55 194, 642 193, 365 22 198, 943 74 233, 536 37 202, 948 246, 045	230, 778 274, 824 256, 279 240, 501 242, 166 223, 680 219, 144 221, 066 240, 488 249, 247 234, 046	212, 813 264, 415 241, 129 230, 083 311, 925 247, 566 233, 745 210, 423 243, 779 208, 481 228, 803	230, 3 261, 7	220, 565 33	168, 400 187, 761 183, 462 190, 133 198, 046 205, 780 0229, 545 180, 105 3 212, 452 202, 843 4 194, 030	197, 108 196, 816 228, 106 220, 366 226, 013 211, 473 202, 255 212, 380 170, 935 216, 439 205, 463 239, 873	209, 01' 235, 26 228, 189 215, 32: 205, 95 203, 46 208, 509 190, 04 233, 98 207, 40 187, 87	7 212, 058 1 246, 016 2 244, 355 3 230, 463 1 233, 333 220, 673 9 221, 693 4 208, 001
Monthly average	143, 338	163, 63	0 196, 598	213, 838	222, 2	78 224, 377	241, 513	<u> </u>	233, 0	206, 439	9 193, 406	210, 602	210, 10	7
January February March April May June July August September October November December Monthly average	18, 200 16, 122 24, 988 35, 050 45, 726 54, 924 21, 566 21, 969 21, 389 9, 817 18, 797 231, 497 43, 337	35, 03 44, 21' 34, 98 21, 49 31, 33 22, 93 19, 35 131, 10 131, 10 184, 19	1 36, 696 4 40, 797 7 66, 415 6 39, 041 0 47, 565 54, 947 1 126, 885 4 37, 788 1 54, 433 3 111, 066 8 314, 194	56, 280 83, 088 72, 368 80, 663 56, 458 69, 282 78, 125 55, 632 73, 456 62, 353 100, 448 262, 452 87, 550	46, 1: 103, 0. 46, 9: 45, 6: 67, 8 54, 2: 43, 9: 31, 4: 48, 6: 76, 9: 165, 0	20 91, 505 57, 95, 56, 907 33 205, 195 17 113, 711 29 74, 196 277 56, 926 277, 942 25 72, 115 30 53, 569 224, 331	98, 637 58, 607 64, 812 72, 238 109, 827 106, 589 147, 657 99, 773 75, 151 105, 394 86, 165 160, 514	64, 313 59, 931; 73, 234 113, 514 91, 263 106, 782 130, 036 73, 188 138, 492 51, 552 59, 340 130, 520	45, 9 37, 3 40, 5	57 35, 122 45, 572 59 64, 883 45 49, 114 47 50, 606 86 36, 984 44 28, 973 00 6 05 38, 866 95 36, 266 05 67, 810	2 16, 842 17, 346 3 21, 711 4 22, 450 3 43, 295 4 42, 455 9 24, 437 1 23, 028 8 25, 920 4 1, 483 0 55, 693	32, 673 26, 862 33, 241 62, 213 40, 989 57, 812 46, 795 39, 628 21, 087 36, 206 28, 137 71, 394 41, 420	30, 61 37, 49 50, 23 39, 53 267, 58 26, 52 22, 50 31, 33 36, 98 74, 60	30, 498 56, 213 57, 214 59, 130 7 42, 095 2 79, 323 4 39, 540

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.

LIFE INSURANCE—PREMIUM COLLECTIONS 1

[Thousands of dollars]

	1				1		s of donars					·	1	
Year	Tot	al Or	dinary	industrial	Group A	nnuities	,	Year	То	tal	Ordinary	Industrial	Group	Annuities
1913 monthly average 1914 monthly average 1915 monthly average 1916 monthly average 1917 monthly average	51 53 58	, 981 , 331 , 963 , 283 , 292	38, 168 39, 699 41, 445 44, 860 49, 544	10, 778 11, 580 12, 421 13, 280 14, 440	36 52 97 143 308		1919 mon 1920 mon 1921 mon	thly averag thly averag thly averag thly averag thly averag	e 8 e 9 e 10	9, 906 2, 183 5, 762 3, 901 4, 798	53, 563 63, 105 73, 923 79, 769 87, 426	15, 807 18, 088 20, 342 22, 587 25, 751	536 991 1,498 1,545 1,621	
Month	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936
	-				.'		то	FAL		·			1	
January February March April May June July August September October November December Monthly average	121, 814 119, 898 137, 086 128, 869 129, 243 129, 110 126, 271 125, 298 111, 961 129, 123 128, 635 169, 626	136, 024 139, 286 143, 190 143, 221 147, 515 140, 776 144, 556 132, 315 129, 079 143, 326 136, 316 203, 141	155, 00 150, 68 172, 31: 165, 22: 164, 88: 160, 70' 163, 18: 149, 31: 145, 22: 158, 72: 227, 71:	I 167, 052 187, 631 180, 602 173, 696 177, 875 1 163, 206 2 163, 206 2 160, 308 171, 730 174, 774 233, 737	185, 431 181, 475 207, 286 197, 351 192, 320 198, 243 188, 223 187, 169 176, 490 189, 496 192, 224 261, 577	208, 088 217, 489 223, 508 211, 794 220, 952 209, 022 210, 585 196, 805 188, 411 213, 900 207, 852 283, 102	220, 318 227, 281 236, 486 233, 436 231, 163 219, 063 236, 407 214, 741 204, 018 226, 695 221, 883 296, 439 230, 661	244, 235 228, 890 259, 185 258, 720 241, 901 235, 869 238, 019 219, 555 217, 392 233, 388 224, 377 331, 021 242, 963	250, 519 238, 962 267, 087 255, 667 255, 667 257, 139 257, 139 232, 131 219, 530 238, 687 232, 499 345, 710 254, 782	245, 2 247, 3 258, 0 248, 0 242, 5 230, 5 235, 6 232, 2 207, 9 231, 0 231, 2 333, 2 245, 43	566 226, 88 96 224, 73 11 224, 73 37 239, 38 235, 01 252, 08 221, 08 35 221, 08 35 222, 31 212, 58 72 323, 10	3 222, 615 249, 152 3 242, 908 5 242, 417 0 244, 362 250, 616 9 250, 863 9 232, 877 209, 893 9 243, 181 2 234, 427 9 365, 546	209, 65 242, 05 250, 420 250, 84. 252, 95. 240, 35. 266, 72. 238, 53. 223, 81. 214, 678 249, 538 348, 173	7 250, 063 259, 941 5 248, 049 6 250, 655 5 251, 841 255, 954
-		<u> </u>				1	ORDI	NARY					<u> </u>	<u> </u>
January February March April May June July August September October November	91, 762 91, 661 106, 578 98, 962 100, 220 98, 170 95, 464 94, 367 82, 888 96, 252 97, 095	103, 423 106, 516 108, 692 111, 441 112, 117 105, 751 110, 919 97, 445 93, 120 106, 897 101, 532	114, 28, 114, 65, 126, 11, 126, 26, 124, 722, 119, 46, 123, 14, 107, 82, 105, 09, 116, 73, 116, 02,	5 121 144 7 139, 473 7 136, 599 8 129, 146 7 129, 923 1 131, 230 1 115, 685 1 115, 698 2 123, 007	132, 446 133, 386 155, 978 144, 274 144, 627 146, 497 135, 992 132, 622 126, 432 134, 433 139, 089	145, 906 151, 673 166, 030 155, 175 162, 838 151, 939 150, 217 140, 872 133, 330 151, 762 152, 120	157, 574 157, 665 172, 812 169, 331 171, 254 155, 917 166, 981 151, 469 140, 761 166, 493 153, 830	161, 595 160, 322 179, 536 171, 405 172, 429 163, 540 168, 034 148, 458 145, 449 162, 868 152, 013	167, 458 164, 128 183, 883 181, 146 173, 015 171, 252 175, 745 152, 289 148, 037 163, 037 156, 341	161, 69 167, 8 179, 19 169, 0 165, 29 166, 1 155, 49 137, 79 151, 89	19 150, 33 59 153, 36 19 155, 78 82 163, 12 19 154, 75 144 153, 89 143, 53 52 130, 26 33 143, 78	4 144, 143 7 163, 126 7 157, 674 157, 521 153, 068 154, 952 7 142, 250 8 128, 740 152, 742	166, 174 153, 00° 159, 799 158, 790 162, 073 149, 481 162, 500 145, 388 136, 881 155, 314	7
December	117, 729	139, 339	155, 59	7 152, 107	165, 203	179, 160	188, 260	190, 071	198, 354	179, 3	30 170, 69	3 178, 681	179, 031	1
Monthly average	97, 596	108, 099	120, 828	128, 423	140, 832	153, 419	162, 696	164, 643	169, 557	161, 5	151, 42	152, 420	156, 858	
[-		I	1	1	1	((STRIAL				i	<u> </u>	
January February March April May June July August September October November December	28, 002 25, 706 28, 640 27, 869 27, 339 29, 169 28, 877 29, 006 27, 378 30, 697 29, 195 48, 804	29, 867 30, 200 32, 814 29, 235 32, 963 32, 744 30, 758 32, 530 33, 811 33, 404 32, 191 59, 616	36, 550 32, 90 37, 92 33, 82; 36, 57, 36, 66 37, 80; 37, 05; 38, 95; 39, 07; 65, 018	1 37, 801 2 43, 344 9 39, 719 4 40, 299 7 43, 747 5 42, 639 8 43, 419 40, 827 1 43, 988 4 45, 281	45, 920 43, 286 45, 534 45, 650 46, 750 46, 584 47, 108 49, 220 45, 741 49, 272 48, 273 89, 926	54, 564 48, 193 51, 013 50, 691 52, 184 51, 509 53, 072 50, 228 49, 343 55, 691 49, 155 96, 864	53, 806 51, 956 56, 159 55, 769 52, 218 55, 801 57, 932 56, 143 56, 773 51, 705 57, 973 97, 619	58, 711 55, 659 65, 605 53, 948 58, 459 59, 522 54, 602 58, 961 59, 859 55, 851 58, 108 112, 665	62, 659 56, 387 62, 920 53, 854 59, 884 60, 653 55, 612 62, 874 55, 319 58, 365 59, 204 113, 491	60, 5' 61, 1' 56, 8 57, 6' 57, 9' 58, 6' 58, 6' 53, 3' 58, 0' 51, 0 116, 83	57 51, 99 10 50, 44 13 48, 52 54 53, 44 50, 98 56 54, 02 47, 85 79 52, 93 52 53, 61 18 46, 25	7 51, 121 8 54, 012 52, 339 0 48, 018 7 54, 523 54, 072 49, 111 50, 772 2 55, 301 3 48, 393	52, 54! 53, 51: 54, 25: 54, 62: 48, 653: 55, 48! 51, 56: 53, 94: 49, 79: 54, 00: 94, 21:	2 56, 245 7 58, 223 6 47, 959 8 55, 009 1 58, 926 8 51, 522
Monthly average	30, 057	34, 178	39, 119	44, 688	50, 189	55, 209	58, 655	62, 663	63, 435	62, 01	19 56, 90	9 56, 731	56, 24	1
-		1					GR	OUP						
January February March April May June July August September October November December	2, 050 2, 531 1, 868 2, 038 1, 684 1, 771 1, 930 1, 925 1, 695 2, 174 2, 345 3, 093	2, 734 2, 570 1, 684 2, 545 2, 435 2, 281 2, 879 2, 340 2, 148 3, 025 2, 593 4, 186	4, 17) 3, 12: 9, 17: 5, 12: 3, 586 3, 26: 3, 37: 3, 68: 3, 12: 3, 65: 3, 61: 7, 100	8, 107 4, 814 4, 284 4, 251 3, 4, 206 4, 457 4, 402 4, 102 4, 735 4, 327 7, 683	7, 065 4, 803 5, 774 5, 427 4, 943 5, 162 5, 123 5, 327 4, 317 5, 791 4, 862 6, 448	7, 618 17, 623 6, 465 5, 928 5, 930 5, 574 7, 296 5, 705 5, 738 6, 447 6, 577 7, 078	8, 938 17, 660 7, 515 8, 336 7, 691 7, 345 11, 494 7, 129 6, 484 8, 497 10, 080 10, 560	9, 669 8, 099 8, 343 7, 598 8, 003 7, 615 8, 480 6, 508 7, 220 7, 944 7, 269 9, 225	10, 108 8, 667 8, 790 8, 398 8, 037 8, 114 7, 895 7, 520 7, 485 7, 464 10, 166	8, 86 8, 22 9, 33 8, 17 7, 66 7, 56 7, 96 6, 79 7, 20 8, 6	24 7, 57 33 8, 71 78 6, 87 7, 78 33 7, 41 86 8, 25 7, 90 88 6, 84 7, 21 33 6, 90 44 9, 22	1 7,765 9,724 8,255 7 8,250 2 7,814 3 8,885 2 8,350 2 7,870 6 8,344 7,845 9,753	9, 86 8, 78 10, 11 8, 58 8, 96 8, 41 9, 56 9, 23 8, 53 8, 53 10, 68	5
Monthly average	2, 092	2, 618	4, 417	4, 980	5, 420	7, 332	9, 311	7,998 TTIES	8, 397	7, 89	7, 82	9 8,493	9, 15	1
January February March April May June July August September October November December Monthly average								14, 260 4, 810 5, 701 5, 769 6, 010 5, 192 6, 903 6, 903 6, 628 4, 864 6, 725 6, 987 19, 060 7, 659	10, 294 9, 780 11, 494 12, 269 24, 897 13, 598 17, 668 9, 073 8, 654 9, 800 9, 490 23, 699 13, 393	14, 14 10, 12 12, 77 13, 11 12, 00 10, 77 15, 66 11, 77 10, 00 16, 93 11, 86 28, 44 13, 97	16, 98 14, 30 11, 55 16 15, 03 11 21, 89 13 35, 91 15 21, 79 16 16, 67 12 18, 70 15, 52 29, 60	1 19,586 22,290 4 24,640 28,628 1 28,957 36,33,166 0 22,511 7 26,794 2 36,354 73,056	71, 06: 26, 75: 26, 25: 28, 84: 33, 25: 39, 15: 32, 30: 24, 40: 31, 02: 33, 19: 64, 25:	3 25, 558 30, 781 30, 380 30, 380 27, 571 32, 673
		1	1	1	1		1	., ., .,		1 20, 0.	1 20, 11	1 32,410		1

¹ Compiled by The Association of Life Insurance Presidents and supersede data shown in the 1932 Annual Supplement, pages 84 and 85, in the June 1933 issue, page 18, and in monthly issues until the October issue where data in the unrevised form were last shown. The data shown above are 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 data include total premium collections, new Digitized in Orenewah considerations for annuities, and for supplementary contracts involving life contingencies. Annuities were shown separately beginning with January 1930. http://fraser.stlouisfed.org/

EMPLOYMENT AND AVERAGE HOURLY WAGES—CLASS I RAILWAYS ¹

	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936
\mathbf{Month}					1	EMPL	OYME	NT (tho	usands	of empl	oyees)	l I			1	
January February March April May June July August September October November December Monthly average	1,620 1,665 1,703 1,739 1,717 1,622	1,537 1,530 1,555 1,563 1,613 1,670 1,452 1,578 1,693 1,788 1,804 1,773 1,630	1, 763 1, 767 1, 800 1, 827 1, 880 1, 918 1, 938 1, 957 1, 929 1, 920 1, 883 1, 777 1, 863	1, 734 1, 737 1, 741 1, 776 1, 754 1, 757 1, 773 1, 785 1, 806 1, 772 1, 720	1, 712 1, 709 1, 706 1, 729 1, 751 1, 765 1, 784 1, 787 1, 800 1, 772 1, 737	1, 713 1, 716 1, 729 1, 767 1, 792 1, 817 1, 840 1, 836 1, 838 1, 849 1, 811 1, 757	1, 707 1, 704 1, 714 1, 742 1, 776 1, 804 1, 806 1, 779 1, 771 1, 767 1, 712 1, 643	1, 597 1, 591 1, 609 1, 693 1, 719 1, 712 1, 714 1, 706 1, 708 1, 664 1, 605	1, 578 1, 589 1, 611 1, 649 1, 697 1, 719 1, 728 1, 743 1, 731 1, 733 1, 664 1, 588	1, 544 1, 527 1, 530 1, 556 1, 585 1, 548 1, 515 1, 498 1, 470 1, 439 1, 378 1, 340	1, 318 1, 301 1, 303 1, 315 1, 315 1, 322 1, 302 1, 273 1, 239 1, 210 1, 155 1, 119	1, 094 1, 079 1, 082 1, 073 1, 068 1, 034 1, 009 983 997 1, 020 1, 000 981	947 943 921 927 940 960 993 1, 019 1, 035 1, 029 1, 002 970	970 980 1,003 1,021 1,048 1,059 1,053 1,036 1,027 1,016 982 965 1,013	964 973 983 981 1,001 1,019 1,023 1,015 1,013 1,021 1,001 987 999	991 1, 042 1, 032 1, 061 1, 089 1, 097 1, 102
					A	VERAC	е нос	RLY W	AGES ((dollars	per hou	ır)				
January February March April May June July August September Octoher November December	0. 600 . 593 . 599 . 598 . 605	0. 611 . 623 . 605 . 604 . 596 . 597 . 569 . 566 . 583 . 583 . 593 . 598	0. 594 .607 .588 .591 .585 .587 .582 .597 .589 .600	0. 603 . 614 . 603 . 598 . 595 . 599 . 595 . 596 . 604 . 599 . 613 . 613	0. 614 . 628 . 610 . 605 . 601 . 600 . 602 . 610 . 606 . 621 . 617	0. 625 .636 .616 .613 .612 .607 .606 .608 .618 .616 .625	0. 636 . 648 . 625 . 623 . 617 . 622 . 620 . 634 . 631 . 638 . 641	0. 647 . 654 . 637 . 639 . 628 . 628 . 633 . 627 . 645 . 636 . 649	0. 653 . 674 . 653 . 647 . 643 . 645 . 640 . 638 . 656 . 647 . 661	0. 666 . 680 . 659 . 652 . 648 . 654 . 652 . 654 . 665 . 659 . 680	0. 670 . 690 . 669 . 665 . 659 . 661 . 662 . 670 . 665 . 685	0. 679 . 624 . 607 . 608 . 605 . 602 . 608 . 599 . 611 . 609 . 616	0. 616 . 631 . 607 . 613 . 603 . 608 . 598 . 598 . 606 . 603 . 614 . 617	0. 612 .631 .609 .611 .600 .620 .613 .630 .616 .632 .636	0. 647 . 667 . 647 . 676 . 669 . 670 . 662 . 659 . 678 . 667 . 682 . 686	0. 682 . 695 . 676 . 670 . 663 . 664 . 665
Monthly average	². 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 ¾ of the 10 percent wage cut made in 1932. The partial restoration was effective July 1, 1934. Another ¼ 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 effected 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, DELAWARE 1

[Monthly average 1923-25=100]

Month	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936
]	EMPLO	YMENT	ŗ					·
January February March April May June July August September October November December Monthly average	107. 8 108. 7 113. 3 115. 4 114. 9 116. 0 114. 1 109. 6 105. 3 105. 3 99. 1 100. 0	96. 2 97. 9 95. 5 99. 4 95. 8 88. 8 90. 7 86 8 83. 1 85. 0 92. 0 94. 6	99. 1 97. 9 100. 0 99. 4 102. 7 101. 6 95. 5 94. 6 94. 3 96. 1 98. 2 104. 2	103. 9 107. 5 108. 4 105. 0 102. 1 100. 3 99. 1 101. 2 101. 7 98. 4 102. 3	103. 6 105. 8 105. 2 101. 6 98. 2 95. 6 98. 9 100. 9 102. 3 104. 6 106. 8	105. 8 103. 3 101. 9 100. 8 101. 1 99. 3 98. 3 98. 3 97. 7 99. 6	99. 3 101. 9 102. 4 107. 0 107. 3 107. 4 112. 1 115. 9 115. 0 111. 8 113. 0 109. 5	105.8 102.5 103.3 103.9 102.3 100.9 96.3 96.1 90.5 87.5 81.1 79.8 95.8	81. 1 81. 7 82. 6 81. 1 80. 8 80. 1 77. 5 75. 3 68. 8 69. 4 70. 7	74. 4 75. 2 72. 8 71. 6 69. 4 67. 7 66. 3 64. 1 66. 9 66. 7 67. 1 69. 2	68. 1 68. 7 65. 5 63. 8 67. 0 72. 7 80. 5 86. 4 88. 5 86. 4 85. 1 76. 6	81. 3 85. 5 87. 5 88. 3 87. 8 89. 9 88. 7 85. 0 84. 6 86. 2 81. 6 80. 2	80. 1 79. 3 79. 0 80. 6 81. 0 83. 0 81. 5 83. 0 83. 8 87. 1 85. 1 87. 0	87. 0 86. 9 86. 1 85. 3 86. 8 89. 6 93. 3 96. 3
January February March April May June June July August September October November December Monthly average	101. 2 101. 9 110. 3 115. 2 118. 6 133. 3 116. 4 106. 1 105. 3 108. 6 104. 3 104. 9	99. 1 101. 4 99. 9 101. 4 95. 0 84. 8 78. 7 80. 2 79. 6 82. 9 84. 3 97. 5	103. 1 99. 7 100. 9 100. 0 104. 9 98. 9 92. 3 94. 2 89. 2 98. 4 101. 0 106. 1	109. 0 112. 1 111. 9 109. 1 103. 4 103. 0 98. 0 102. 6 104. 2 101. 4 102. 1 107. 0	104. 2 109. 6 108. 5 106. 5 102. 1 96. 6 97. 6 98. 7 102. 3 104. 2 106. 8 112. 5	107. 0 105. 3 105. 2 100. 0 105. 0 102. 9 97. 5 99. 7 102. 0 102. 9 102. 0 108. 0	104. 2 108. 4 106. 8 111. 9 115. 2 116. 7 116. 1 120. 8 121. 1 121. 2 117. 9	114. 2 108. 4 109. 0 112. 4 109. 2 108. 7 102. 8 100. 3 95. 4 91. 3 81. 6 80. 0	81. 1 84. 1 85. 9 82. 1 84. 7 80. 5 74. 1 72. 8 68. 0 61. 8 60. 4 62. 6	64. 6 67. 2 64. 9 59. 9 56. 1 54. 2 51. 4 49. 6 53. 1 53. 4 51. 6 54. 7	51. 8 53. 3 48. 3 46. 5 52. 9 58. 9 67. 7 67. 0 69. 5 69. 7 67. 6 68. 7	65. 3 70. 5 71. 2 72. 0 71. 2 74. 0 73. 7 69. 9 69. 3 72. 7 66. 1 65. 7	66. 3 67. 8 66. 5 67. 7 67. 2 69. 2 67. 9 69. 7 71. 8 74. 6 78. 4	78. 0 76. 5 75. 6 76. 5 79. 1 82. 9 84. 8 90. 5

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 1935 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]

			<u> 1936</u>			19	35	19	34		l		1936			19	35	19	34
ITEM	Oct. 24	Oct. 17	Oct. 10	Oct.	Sept. 26	Oct. 26	Oct. 19	Oct. 27	Oct. 20	ITEM	Oct. 24	Oct. 17	Oct.	Oct.	Sept.	Oct. 26	Oct. 19	Oct. 27	Oct.
Business activity:										Finance—Continued.	i —								
									77.8	Banking:						Į			ŀ
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:				ĺ	ĺ					Federal Reserve reporting			1 1		1 .				ı
Dept. of Labor, 1926=100:		ŀ		l	1					member banks:		1	(l
Combined index (784)	81.1		81, 2	81.3	81.0	80.3	80.7	76. 2	76. 2	Loans, total	70.0	69.6	69.6	70.0	69. 2	63. 5	63.8	66.5	66.6
Farm products (67)	84.2	84.7	84.1	84. 5	83. 1	78.6	79.5	70.8	70.9	Interest rates:							1		1
Food (122)	82, 1	82. 5	82. 6	83. 0	82. 5 79. 7	84.8	85.6	75.4	74.9	Call loanst	24. 2	24. 2	24. 2	24. 2	24. 2	6.1	6.1	24. 2	24. 2
All other (595)	80.1	79.9	79.9	79.8	79.7	78.4	78.4	78. 0	77.9	Time loanst	28.6	28.6	24. 2 28. 6	28. 6	28. 6	5.7	5. 7	20. 1	20. 1
Fisher's index, 1926=100:											130. 2	130. 3	130. 1	129. 5	128.6	117. 4	117. 6	112.3	112.9
Combined index (120)	84.0	83.8	83.8	84.0	84.0	85.3	85. 5	78.8	79.0	Production:									
Copper, electrolytic	68.8	68. 8	68.8		68.8					Automobiles	78.3	63.0	51.6	29.9	20.7	81.3	58. 2	40.7	45, 8
Cotton, Middling, spot.	44.9		45. 2	46.0	45, 2	41. 5	41.5	46. 0	46.0	Bituminous coalt	95.0	94. 5	93.7	89.4	85.6	79.3	81.0	70.6	70. 5
,										Cotton, consumption			119.0						
Construction contracts!	50.9	57. 9		43.5			53. 5	28.4	33.1	Electric powert	130. 1	130.3	130. 1	130. 2	129. 5	113.8	111.8	100.7	100. 1
Distribution: Carloadings			85. 5	85.4	84. 2	74.1	76.4	65. 2		Lumber	63. 5	61. 5	62. 7	63. 2	56. 5	52.9	53. 4	31. 7	34.3
Employment: Detroit, factory.		99. 6		83. 9				50. 2					145. 2						
			*****							Steel ingots.			100.0						
Finance:										Receipts, primary markets:	0,,,		200.0	200.0		00		· · ·	"
Failures, commercial	39. 3	34. 2	40.3	36.1	32.9	57.5	53.1	55.3	52, 6	Cattle and calves	108. 9	114. 1	112.9	110.1	104.2	120.6	128.3	125.7	133. 5
Security prices:	00.0	02.0		00. 1	0	٠٠	00.1	00.0	02.0	Hogs	64 2	56.4	49.4	43 6	43 4	43 9	34 9	69 3	68 4
	117.5	117. 8	117.8	117. 4	117. 2	107.3	106.8	104.6	104.3	Cotton	280.8	276.5	258. 1	230.8	234 6	277.3	266. 2	173.5	162.3
Stock pricest	141.6	142.2	141.0	137. 1	137. 0	113 3	110.8	84.5	85. 2	Wheat			35. 6						

[•]Data do not cover calendar weeks in all cases.

‡Daily average.

†Weekly average, 1928-30=100.

WEEKLY BUSINESS STATISTICS*

			19	36			19	35	19	34	1933
ITEM	October 24	October 17	October 10	October 3	Septem- ber 26	Septem- ber 19	October 26	October 19	October 27	October 20	October 28
COMMODITY PRICES, WHOLESALE											
Copper electrolytic New York dol per lb	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 Yorkdol. per lb	. 122 2. 75	. 125 2. 75	. 123 2. 74	. 125 2. 75	. 123 2. 78	. 124 2. 82	. 113 2. 74	, 113 2, 74	$\begin{array}{c} 125 \\ 2.37 \end{array}$. 125 2. 38	.099 1.89
Iron and steel, compositedol. per ton	34.66	34. 64	34. 60	34, 62	34. 19	34. 22	32.85	32. 83	32. 12	32. 09	30. 42
Cotton, middling, spot, New Yorkdol. per lb. Food index (Bradstreet's)dol. per lton. Iron and steel, compositedol. per ton. Wheat, No. 2, hard winter (K. C.)dol. per bu	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 Citymills, of dol	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 Citymills. of dol	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 mills of dol	2, 463	2, 485	2, 472	2, 473	2, 473	2, 495	2,472	2, 496	2, 452	2, 457	2, 526
Reserve bank credit, total mills of dol Bills bought mills of dol Bills discounted mills of dol U. S. Government securities mills of dol	3	3	3	3	3	3	5	5	6	6	7
Bills discounted mills, of dol.	2, 430	2, 430	2, 430	9	0.420	2, 430	$\frac{7}{2,430}$	2, 430	11 2, 430	12 2, 430	115 2, 400
Member bank reserve balancesmills. of dol.	6, 693	6, 617	6, 479	2, 430 6, 357	2, 430 6, 225	6, 206	5, 575	5, 534	3, 985	3, 996	2, 693
Excess reserves, estimatedmills. of dol	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, adjustedmills. of dol	15, 228	15, 052	14, 989	15, 116	14, 999	14, 910	13, 463	13, 268	11, 262	11, 181	11, 159
Deposits, timemills. of dol.	5, 072	5, 068	5, 073	5, 063	5, 018	5, 031	4, 963	4, 921	4, 877	4, 859	4, 912
Deposits, time mills. of dol- Investments, total mills. of dol-	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 mills. of dol.	9, 286	9, 323	9, 359	9, 336	9, 377	9, 376	8, 130	8, 118	7, 183	7, 182	5, 230
Obligations fully guaranteed by U. S. Governmentmills. of dol	1, 254	1, 258	1, 250	1, 256	1, 252	1, 247	1, 128	1, 119	505	482	
Loans, total mills, of dol	8, 751	8, 695	8, 703	8, 753	8,648	8,659	7, 931	7, 975	8, 310	8, 324	9,074
On securitiesmills. of dolmills. of dolmills. of dol	3, 192	3, 166	3, 215	3,242	3, 213	3, 241	3, 032 4, 899	3, 020 4, 955	3, 188 5, 122	3, 193	3, 788 5, 286
Interest rates, call loans percent	5, 559 1. 00	5, 529 1. 00	5, 488 1. 00	5, 511 1, 00	5, 435 1, 00	5, 418 1, 00	$\frac{4,899}{.25}$.25	1, 00	5, 131 1, 00	3, 280 .75
Interest rates, call loans percent Interest rates, time loans percent	1. 25	1. 25	1. 25	1. 25	1. 25	1. 25	. 25	. 25	.88	. 88	.75
Exchange rates:	4, 651	4, 661	4, 670	4, 789	6. 583	6. 583	6. 592	6, 590	6, 605	6, 643	5. 776
French franc (daily av.) cents Pound sterling (daily av.) dollars	4.89	4. 89	4. 90	4. 109	5.04	5.06	4.91	4, 91	4.94	4.94	4.70
Failures, commercial number. Money in circulation mills. of dol.	160	139	164	147	134	130	234	216	225	214	290
Security markets:	6, 322	6, 325	6, 318	6, 287	6, 245	6, 264	5, 699	5, 711	5,455	5, 484	5, 627
Bond sales (N, Y, S, E) thous of dol par value	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 dollars. Stock sales (N. Y. S. E.) thous of shares. Stock prices (N. Y. Times) dol. per share. Stock prices (Standard Statistics) (419) 1926=100	105. 24 9, 298	105, 50 8, 698	105, 46 12, 801	105. 11 8, 844	104. 96 8, 407	104, 64 6, 116	96. 06 14, 275	95. 67 10, 460	93, 67 3, 991	93.37 3,263	83. 68 9, 828
Stock prices (N. Y. Times)dol. per share	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. 1 103. 1	86. 7 100. 3	68. 2 77. 4	68. 2	68. 5 74. 4
Industrial (347)	139. 2 110. 2	136. 8 109. 3	135, 6 110, 0	130. 5 106. 4	131.7 106.8	128. 7 105. 9	84.6	81. 9	63. 1	77. 5 63. 2	74. 4
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:	ļ										
Automobiles (Cram's estimate)	59,740 1,618	48, 095 1, 610	39, 345 1, 596	22, 800 1, 523	15, 764 1, 457	33, 600 1, 419	62, 015 1, 384	44, 416 1, 379	31, 030 1, 202	36, 973 1, 201	25, 234 1, 257
Electric powermills. of kw.hr.	2, 167	2, 170	2, 168	2, 169	2, 157	2, 171	1, 896	1, 863	1, 677	1, 668	1, 622
Petroleumthous, of bbl	3,083	3,080	3,025	2,988	3,030	3, 037	2,798	2,783	2, 336	2,380	2,358
Steel ingots (<i>Dow-Jones</i> , est.) pct. of capacity. Construction-contract awards (da. av.) th. of dol.	74 8, 178	75 9, 290	76	76 6, 977	75	74 11, 025	53	53 8, 594	26 4, 564	25 5, 311	29 5, 741
Distribution:	0,110	9, 290		0, 977		11,020		0,001	· ·		1
Freight-car loadings, totalcars	815, 972	826, 155	820, 195	819, 126	807, 070	789, 510	710, 621	732, 304	624, 808	640, 727	642, 423
Coal and cokecars	164, 949 36, 327	167, 726 36, 033	166, 047 34, 813	169, 073 34, 781	152, 728 37, 131	146, 842 35, 452	139, 051 30, 696	145, 721 31, 376	124, 696 21, 923	131, 813 23, 345	138, 790 24, 174
Coal and coke cars. Forest products cars. Grain and products cars. Livestock cars. Merchandise, l. c. l cars. Ore cars. Missellaneous	33, 025	32, 582	30, 058	31, 876	33, 674	33, 075	33, 932	36, 118	32, 164	31, 292	30, 157
Livestockcars	22, 273	22, 612	21, 911	20, 519	19, 321	18, 738 170, 423	20, 931 165, 914	22, 970 166, 283	25, 543 161, 704	27, 392 163, 400	22, 146 171, 733
Ore	170, 819 49, 766	168, 999 55, 281	172, 768 60, 752	172, 632 57, 865	172, 051 58, 604	170, 423 59, 232	32, 636	33, 602	161, 704	163, 400	171, 733
THE CONTRACTOR OF THE CALS.	338, 813	342, 922	333, 846	332, 380	333, 561	325, 748	287, 461	296, 234	244, 123	246, 800	235, 506
Receipts:	944	200	257	2.40	329	339	381	405	401	425	318
Hogs thousands	344 417	360 366	357 321	348 233	282	267	285	227	453	447	356
Cattle and calves thousands Hogs. thousands Cotton into sight thous, of bales Wheat at primary markets thous, of bu	730	719	671	600	610	614	721	692	451	422	571
w neat at primary marketsthous, of bu	4, 040	3. 145	2, 834	3. (93	2, 569	2, 223	5, 338	6, 869	2, 542	2,941	3, 252

Federal Reserve Bank of St. Louis

^{*}Computed normal=100.

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

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

Monthly statistics through December 1931,	1936		19	35	Ì				19	36			
together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August
			BUS	INESS	IND	EXES							
BUSINESS ACTIVITY (Annalist)†											ĺ		
Combined index normal = 100. Automobile production normal = 100. Boot and shoe production normal = 100. Carloadings, freight normal = 100. Cement production normal = 100. Cotton consumption normal = 100. Electric power production normal = 100. Lead production normal = 100. Lumber production normal = 100. Pig-iron production normal = 100. Rayon consumption normal = 100. Silk consumption normal = 100. Steel-ingot production normal = 100. Wool consumption normal = 100. Zine production normal = 100.	102. 1 97. 1 94. 7 69. 9 137. 2 103. 4 70. 9 87. 7 107. 5 100. 3 87. 2 108. 9	86. 1 45. 6 114. 2 80. 4 43. 0 98. 6 95. 2 75. 2 80. 8 68. 3 116. 4 91. 5 76. 9 72. 1	89. 1 77. 6 115. 2 84. 8 45. 7 103. 7 94. 9 79. 2 77. 8 73. 6 112. 3 92. 4 76. 9 151. 9 68. 7	92. 0 118. 1 119. 9 87. 3 51. 8 103. 0 96. 9 79. 3 76. 0 80. 0 112. 3 76. 2 80. 9 141. 2 70. 8	96. 7 120. 8 148. 5 93. 7 55. 4 115. 8 97. 9 84. 2 78. 6 84. 5 119. 9 78. 6 6 6 133. 0 74. 3	92. 2 103. 0 135. 6 90. 9 42. 3 114. 4 97. 6 70. 7 82. 0 76. 3 105. 6 65. 8 69. 5 124. 0 76. 0	88. 9 89. 8 116. 5 89. 2 42. 7 104. 9 97. 4 71. 6 73. 8 67. 5 109. 4 59. 8 67. 0 117. 3 68. 1	89. 4 109. 9 117. 5 87. 4 52. 8 107. 6 96. 2 71. 5 77. 6 68. 0 96. 3 65. 8 70. 2 107. 2 74. 1	94. 1 117. 6 112. 3 91. 0 63. 3 112. 4 98. 3 79. 7 75. 3 80. 8 105. 3 70. 2 95. 6 86. 2 81. 7	95. 8 112. 6 113. 2 93. 1 66. 2 105. 4 100. 0 82. 6 82. 8 85. 7 104. 5 68. 6 91. 3 89. 3 84. 3	97. 6 112. 5 105. 7 92. 3 62. 6 118. 8 99. 7 84. 7 82. 7 91. 3 129. 8 70. 3 97. 0 108. 4 88. 0	102. 1 118. 9 127. 5 95. 1 64. 2 141. 5 101. 6 87. 3 84. 6 95. 5 145. 4 77. 2 100. 3 112. 9 89. 8	102. 2 107. 3 126. 2 93. 0 71. 8 133. 3 104. 2 71. 3 83. 6 100. 0 126. 7 83. 2 108. 9 112. 1 83. 4
INDUSTRIAL PRODUCTION (F.R.B.)	- 10-	00	07	0.7	0.0	0,5	0.5	00	*00	*0*	704	104	100
Total, unadjusted	42	90 89 28 59 81 181 83 120	97 96 77 59 86 193 85 115	97 98 124 58 86 192 89 104	96 95 125 46 82 202 90 106	95 95 108 29 92 201 83 109	95 93 93 29 82 174 87 113	96 97 124 42 86 194 94 110	103 105 149 70 85 235 111 108	105 105 142 87 82 231 114 103	104 105 134 92 87 196 113 4 98	104 105 128 91 90 198 111 112	106 106 82 99 87 226 118 a 126
Paper and printing	p 120 173 109 p 57 p 86	173 97 64 106 143 92 65 61	176 91 35 116 148 100 62 82	176 99 105 111 140 95 50 80	174 99 138 105 119 96 69 83	170 107 92 110 141 99 75 88	172 89 100 108 135 106 99 98	168 85 107 102 132 89 40 70	178 113 116 103 140 94 65	179 121 118 100 147 100 69 66	181 130 97 101 161 100 57 66	182 124 76 107 167 101 53 72	113 158 47 47
Bituminous coal. 1923-25=100. Iron-ore shipments 1923-25=100. Lead 1923-26=100. Petroleum, crude 1923-25=100. Silver 1923-25=100. Zinc 1923-25=100. Total, adjusted 1923-25=100. Manufactures, adjusted 1923-25=100.	178	119 56 139 68 79 4 91	105 70 141 74 78 95	37 70 143 73 82 496 497	70 142 68 86 • 101 • 101	63 142 81 89 97	64 140 100 82 94 992	60 145 99 90 93 93	69 150 97 95 100	120 73 150 88 95 101	157 70 149 101 99 • 104 • 105	164 68 147 85 97 4 108 4 109	177 58 152 88 93 4 108 4 110
Automobiles† 1923-25=100. Cement 1923-25=100. Food products 1923-25=100. Glass, plate 1923-25=100. Iron and steel† 1923-25=100. Leather and shoesf 1923-25=100.	107	91 47 78 181 83 104	96 52 83 193 88 105	105 59 82 192 96 109	* 107 59 83 * 202 103 124	47 47 92 4201 86 118	93 49 84 174 83 111	4 107 58 87 4 184 83 107	\$ 122 71 90 \$ 213 100 110	4 117 74 84 4 220 105 112	118 74 88 • 218 113 • 102	4 124 74 92 4 220 119 113	^a 111 77 91 ^a 226
Lumber	101 9 57 9 81	172 4 97 64 108 129 87 65 58	176 491 48 113 138 93 48 75	176 • 99 119 106 137 92 48 71	173 • 99 179 111 147 101 71 78	169 © 107 129 105 148 103 70 80	172 489 141 102 148 110 93 92	168 • 85 138 100 140 95 48 70	178 4 113 120 100 152 105 63 84	180 • 121 94 100 145 101 69 76	181 • 130 77 107 147 99 66 74	183 124 52 115 154 101 65 80	120 147 98 47 47
	93 60 * 147	62 59 135 71 84	62 68 140 75 80	67 144 68 82	70 146 68 84	63 148 80 84	62 143 93 77	59 146 90 85	70 150 96 91	80 75 149 91 94	80 69 146 103 103	81 71 144 101 104	88

Revised.

† Revised series, refer to the indicated pages of the mouthly 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.

http://fraser.stlouisfed.org/ Federal Reserve Bank of St. Louis

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Monthly statistics through December 1931, together with explanatory footnotes and refer-	1936		1	935					19	36			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August
		BUSI	NESS	INDE	EXES-	-Con	inued	1			·		· <u> </u>
MARKETINGS		1											
Agricultural products • (quantity) 1923-25=100	110	106	124	98	78	68	57	67	65	68	74	89	80
Animal products 1923-25 = 100. Dairy products 1923-25 = 100.	80 90	76 100	82 89	77 72	78 76 74	68 74 85 74 70	61	77 95	80 98	84 114	94 142	90 113	81
Livestock1923-25≈100	80	72 65	84 69	69 106	68	74	85 57 59 35 53 57	65 108	64 120	60 128	66	70 89	94 75 80 152 78 71 78
Poultry and eggs1923-25=100_ Wool1923-25=100_	99	146	89	83	40	48	35	37 56	46	164	114 380	485	152
Crops 1923-25=100 Cotton 1923-25	140 260	136 200	167 280	119 202	79 119	$\frac{61}{72}$	53 57	41	50 35	51 31	53 25	88 16	78
Fruits	89 47	85 107	126 85	66 66	65 49	58 46	65 34	72 51	35 79 43	82 48	64 63	87 172	78 93
Vegetables 1923-25=100 Agricultural products, cash income received	95	73	103	71	59	74	85	98	84	94	99	66	57
from marketings of:*†		1								İ			
Crops and livestock: Unadjusted1924-29=100	89. 0	76. 5	95.0	79.0	72.5	65. 0	53.0	59.5	58.5	64. 0	69.5	84.0	a 75. 0
Adjusted 1924-29=100 Crops, adjusted 1924-29=100	77, 5 65, 0	66. 0 56. 0	69.0 58.5	69. 5 58. 5	67. 0 54. 0	66. 5 48. 5	63.0 48.5	67. 5 55. 5	69. 5 56. 5	72. 5 67. 0	80. 0 77. 0	88. 0 89. 5	74. 5 61. 5
Livestock and 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	ì	86. 0	4 87. 5
Dairy products, adjusted_1924-29=100_	91.0	76.0	76.0	79.0	84.5	87. 5	85.0	84. 5	83. 5	79.0	83. 0 77. 0	81.5	87.0
Meat animals, adjusted1924-29=100 Poultry and eggs, adjusted 1924-29=100	94.0 81.0	74.0 81.5	83. 0 83. 0	78. 5 95. 0	79.5 84.0	88. 5 70. 0	79.0 63.5	79. 5 79. 5	87. 0 75. 0	77. 0 80. 5	84. 0 86. 5	88. 5 86. 5	4 89. 5 89. 0
STOCKS		1									103		1
Domestic stocks1923-25 = 100_ Manufactured goods1923-25 = 100_	121 101	127 106	136 104	136 101	133 103	127 104	122 105	115 104	109 102	106 102	104	104 100	a 109
Chemicals and allied prod_1923-25=100	130	120	117	118	121	124	132	133	128	125	119 77	118	a 122
Food products $1923-25 \approx 100$. Forest products $1923-25 \approx 100$	86 112	87 114	77 114	63 115	66 117	70 114	65 112	62 109	62 108	66 107	111 119	4 85 113	* 88 114
Iron and steel products1923-25=100_ Leather1923-25=100_	119 80	107 79	108 79	109 81	109 79	110 83	122 81	115 80	110 82	116 81	80	118 80	119 79
Metals, nonferrous $1923-25=100$	117	148	136	124	122	119	115	119	121	122	125 80	130	127
Paper, newsprint1923-25=100_ Rubber products1923-25=100_	67 115	63 114	55 114	47 115	39 115	54 115	61 113	70 115	65 115	61 115	112	76 114	82 114
Stone, clay, and glass1923-25=100 Textiles	142 98	162 99	154 101	161 103	170 105	166 104	167 104	156 100	152 100	150 102	143 102	$\frac{141}{92}$	144
Raw materials1923-25 = 100	136	141	160	161	154	144	134	123 81	115 76	108	102 71	106	113
Chemicals and allied prod_1923-25=100_ Foodstuffs1923-25=100_	96 128	98 136	115 144	111 141	107 127	$\frac{98}{112}$	88 103	96	93	73 95	94	69 120	75 128
Metals1923-25=100_ Textile materials1923-25=100_	96 181	96 186	88 225	88 2 35	86 233	$\frac{87}{225}$	86 213	84 194	72 177	73 156	84 137	83 119	93 126
World stocks—foodstuffs and raw materials: Total+▲1923-25=100	196	o 213	a 215	a 217	a 218	o 214	a 209	a 208	a 207	o 201	a 194	a 193	a 192
Coffee—adj. for seasonal $= 1923-25 = 100$	375	370	378	399	419	394	400	413	403	387	404 160	420	400
Cotton—adj. for seasonal_1923-25=100_ Rubber—adj. for seasonal_1923-25=100_	$\frac{195}{272}$	159 370	169 3 55	169 328	170 322	165 319	154 319	161 30 6	161 300	170 281	a 286	156 • 295	165 a 278
Silk—adj. for seasonal 1923-25=100_ Sugar—adj. for seasonal 1923-25=100_	178	² 217 226	^a 205 228	4 200 259	a 201 248	⁴ 221 256	4 229 263	a 219 264	* 216 268	²⁰⁰ 256	4 196 235	4 188 209	a 189 200
Tea—ad1, for seasonal $1923-25=100$	126	136	133	129	128 66	124 64	123 75	133	139 64	138	134 68	126	125
Tin—unadjusted 1923-25=100. Wheat—adi. for seasonal 1923-25=100.	65	57 188	64 188	72 17 6	186	172	152	137	134	77 124	116	66 139	73 142
	·		COM	MODI'	TY P	RICES	3	!	!	!	!!		
COST OF LIVING (N. I. C. B.) †	1	1			<u> </u>								
Total, all groups	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	73. 6 86. 1	74. 3 81. 7	74. 4 81. 9	74. 5 82. 7	74. 6 83. 8	74. 5 83. 5	74. 1 82. 3	74. 0 81. 0	73. 8 81. 0	73. 6 81. 7	73. 3 85. 6	73. 0 85. 8	73. 2 85. 8
Food 1923 = 100 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 Sundries 1923=100	80. 3 94. 5	72, 1 93, 8	72. 7 94. 1	73.0 94.2	73.4 94.2	73. 9 94. 3	74. 1 94. 4	74.7 94.4	75. 9 94. 4	77. 1 94. 4	77. 6 94. 3	78. 1 94. 4	79.3 94.5
FARM PRICES (Dept. of Agrl.) §†			, , ,	1								, , , ,	
Total, all groups1909-14=100_	124	107	109	108	110	109	109	104	105	103	107	115	124
Chickens and eggs1909-14=100 Cotton and cottonseed1909-14=100	119 106	126 90	132 94	140 99	135 98	117 95	121 94	99 93	97 96	101 96	103 96	106 105	112 103
Dairy products	128 105	$\frac{102}{82}$	104 82	111 83	118 92	120 89	123 92	118 94	114 89	106 103	106 115	116 117	125 108
Grains	130 123	97 131	101 125	90 117	89 120	92 122	92 125	92 122	89 125	88 118	87 120	109 119	129
Truck crops1909-14=100	153	101	120	136	136	118	117	77	107	105	99	115	123 134
Miscellaneous1909-14≈100_	141	96	103	103	108	112	94	91	94	97	120	131	152
Department of Labor indexes:													
Coal 1913 = 100		80.1	162 80. 5	81. 5	82. 0	158 81. 7	80. 6	79. 5	164 79. 7	79. 9	83, 8	157	
Fairchild's index:	84. 3											84.0	84.0
Combined index	89.3	86.6	87.6	88.0	88. 2	8 8. 3	88.3	88. 1	88.1	88. 1	87.9	88. 1	88.5

[|] Thanks wear | Dec. 1930=100. | Men's | Dec. 1930=100 | Women's | Dec. 1930=100 | Home furnishings | Dec. 1930=100. | Piece goods | Dec. 1930=100.

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92. 7 87. 2 89. 4 89. 1 84. 9

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Monthly statistics through December 1931,	1936		198	35					193	6			
ogether with explanatory footnotes and refer- onces to the sources of the data, may be found n the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July	August
	(COMM	ODIT	Y PR	ICES	-Con	tinue	d.					
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 Raw materials 1926=100	82.3 81.8	83. 1 77. 3	82. 7 77. 1	82. 7 77. 2	83. 1 77. 7	82. 4 78. 1	82. 2 79. 1	81. 3 77. 4	81. 6 77. 0	80. 5 75. 8	80. 7 77. 6	81. 6 79. 8	82. 4 81. 5
Semimanufactures	75. 9 84. 0 102. 0	74. 4 79. 5 83. 5	78. 3 78. 2 86. 4	76. 2 77. 5 77. 9	75, 2 78, 3 76, 6	74. 8 78. 2 78. 9	74. 6 79. 5 78, 3	74. 4 76. 5 75. 6	74. 5 76. 9 73. 9	74. 1 75. 2 70. 6	73. 9 78. 1 73. 0	75. 2 81. 3 88. 9	75. 6 83. 8 102. 4
Livestock and poultry 1926=100 Foods 1926=100	83. 8 83. 3	92. 0 86. 1	86. 6 85. 0	83. 1 85. 1	87. 4 85. 7	89. 1 83. 5	90. 3 83. 2	88. 3 80. 1	88. 3 80. 2	82. 5 78. 0	83. 2 79. 9	82, 0 81, 4	84. 5 83. 1
Farm products	89. 5 71. 5	76. 0 60. 0	76. 9 59. 1	81. 1 63. 2	83. 7 63. 7	84. 2 62. 2	85. 7 62. 4	80.3 65.1	78. 8 67. 8	75. 0 72. 3	77. 6 82. 0	83. 8 79. 7	87. 6 76. 1
Meats	87. 3 79. 6 87. 1	102. 9 77. 8 85. 9	97. 1 78. 3 86. 1	94. 3 78. 8 85. 8	97. 5 78. 7 85. 5	94. 9 78. 8 85. 7	92. 1 79. 0 85. 5	89.7 78.9 85.3	91. 0 78. 9 85. 7	85. 1 78. 8 85. 8	85. 1 78. 8 85. 8	84. 9 79. 5 86. 7	86. 4 79. 7 86. 9
Meats 724 100 Other products 1926 100 Building materials 1926 100 Brick and tile 1926 100 Cement 1926 100	89. 0 95. 5	88. 8 94. 9	88. 3 95. 5	88. 3 95. 5	88. 9 95. 5	88. 4 95. 5	88. 4 95. 5	88. 9 95. 5	89. 0 95. 5	88, 8 95, 5	89. 2 95. 5	89. 2 95. 5	89. 1 95. 5
Lumber $1926 = 100$ Chemicals and drugs $1926 = 100$ Chemicals $1926 = 100$	81.7	82, 1 80, 2 86, 9	82, 0 81, 1 88, 3	81. 8 81. 2 88. 4	81, 5 80, 6 87, 7	82, 2 80, 5 87, 6	82. 3 80. 1 87. 0	82. 6 79. 3 85. 9	83. 2 78. 5 85. 5	83. 0 77. 7 84. 1	82. 1 78. 0 84. 3	83. 7 79. 4 85. 9	83. 8 79. 8 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. Fuel and lighting 1926 = 100. Floatisity 1926 = 100	. 76.1	67. 2 73. 0	67. 2 73. 4	67. 5 74. 5	64. 5 74. 6	64. 4 75. 1	64. 5 76. 1	64. 8 76. 2	64. 6 76. 4	64. 7 76. 0	64. 0 76. 1	65. 2 76. 2	66. 7 76. 3
Electricity $1926 = 100$ $Gas - 1926 = 100$ Petroleum products $1926 = 100$ $1926 $		87. 5 91. 9 50. 6	86. 3 89. 0 50. 1	86. 2 86. 6 52. 5	\$4. 9 84. 5 52. 8	83, 1 83, 2 54, 4	86. 2 82. 1 55. 7	84. 4 84. 4 56. 0	\$2. 8 84. 8 57. 9	84. 2 87. 3 58. 2	83. 4 88. 0 57. 7	83. 4 87. 9 58. 1	\$2.5 86.1 57.9
Hides and leather	94.6	90. 9 98. 3	93. 6 98. 8	95. 0 99. 6	95. 4 100. 1	97, 1 100, 5	96.1 100.5	94. 9 100. 4	94. 6 100. 3	94. 0 100. 2	93. 8 99. 7	93.4 99.3	93.6 99.3
Hides and skins	. 84. 2	83. 8 83. 0 80. 5	92, 9 86, 6 80, 6	96. 0 88. 1 81. 0	96, 5 87, 6 81, 0	100, 5 87, 3 81, 4	96. 7 86. 0 81. 5	91. 0 85. 0	90. 1 84. 5 81. 5	87.3 84.4	89. 0 83. 2	87. 8 83. 0	90. 0 82. 4
Furnishings	. 78.0	76. 9 84. 0	76. 9 84. 2	77. 1 84. 7	77. 1 84. 7	77. 9 84. 8	77. 9 85. 0	81.4 77.9 84.9	78. 0 85. 0	81, 5 77, 9 85, 0	81. 4 77. 5 85. 2	81. 2 77. 2 85. 1	81. 4 77. 6 85. 2
Metals and metal products. 1926 = 100. Iron and steel	86.8 88.1	86. 6 86. 8	86. 5 86. 9	86. 9 87. 0	86. 8 86. 9	86.7 87.1	86. 7 86. 9	86. 6 86. 3	86. 6 86. 3	86.3 86.3	86, 2 86, 3	86. 9 87. 6	87. 1 87. 9
Metals, nonferrous $1926 = 100$. Plumbing and heating equipment $1926 = 100$.	-e 5	68. 6 71. 1	70. 9 71. 1	71.3 71.1	70. 6 71. 1	69.7	69. 7 73. 8	69. 9 73. 8	70. 4	70. 7 73. 8	70. 0 73. 8	70, 4 76, 5	70.8 76.5
Textile products	70.9 80.8	71. 8 80. 8	72. 9 80. 3	73. 4 S0. 7	73. 2 81. 0	71. 7 80. 8	71. 0 80. 7	70. 8 80. 7	70, 2 80, 8	69. 8 81. 1	69. 7 80. 9	70. 5 80. 7	70. 9 80. 8
Cotton goods	80.0	83. 2 61. 6	84. 5 63. 2	85. 8 63. 2	86. 0 62. 2	80. 4 61. 8	78. 1 62. 0	77. 1 62. 1	76. 2 62. 0	75. 5 60. 6	75. 4 60. 3	78. 7 59. 3	79. 5 60. 3
Silk and rayon	30, 2 80, 9 71, 3	32. 9 76. 9 67. 1	35. I 79. 1 67. 5	35.0 80.7 67.4	33. 7 81. 0 67. 5	33. 5 81. 4 67. 8	31. 6 82. 8 68. 1	30, 9 83, 8 68, 3	$ \begin{array}{r} 30.1 \\ 82.2 \\ 68.6 \end{array} $	29. 1 82. 2 69. 2	29. 3 82. 6 69. 7	30. 7 82. 0 71. 6	31. 6 81. 2 71. 5
Auto tires and tubes1926=100. Paper and pulp1926=100.	47. 5	45. 0 79. 7	45. 0 79. 7	45. 0 79. 4	45. 0 79. 2	45. 0 79. 8	45. 0 79. 9	45. 0 80. 3	45. 0 80. 5	47. 5 80. 5	47. 5 80. 6	47. 5 80. 6	47. 5 80. 6
Other wholesale price indexes: Bradstreet's (96)	79. 5 97. 1	78. 8 94. 1	79. 6 94. 7	80. 5 94. 2	80. 2 94. 4	77. 6 94. 9	76. 8 95. 2	76. 3 92. 1	76. 0 92. 0	75. 4 91. 3	76.3 94.5	78, 5 96, 4	78. 9 96. 8
Dun's (300) 1926=100 World prices foodstuffs and raw materials: 6 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
Combined index 1923-25=100 Coffee 1923-25=100 Cotton 1923-25=100 Rubber 1923-25=100 Sith 1923-25=100	47. 5 45. 2	42. 5 39. 7	43. 5 41. 2	42. 0 44. 1	42. 0 44. 5	45. 0 43. 8	47. 0 42. 6	44. 5 41. 9	43. 0 43. 0	42. 5 43. 0	43. 5 44. 1	46. 0 48. 5	47. 9 45. 2
Sugar $1923-25=100$	- 66 1	26. 9 26. 1 64. 8	29. 7 29. 1 67. 8	30. 7 29. 2 62. 8	30. 8 27. 4 55. 6	33. 6 27. 2 59. 1	36. 3 24. 9 61. 1	37. 2 24. 2 65. 8	37. 4 23. 5 71. 0	36. 5 22. 4 70. 3	37. 1 22. 3 71. 1	38. 6 23. 9 69. 8	38. 3 25. 6 69. 3
Tea	72.3 89.0	77. 1 97. 6	77. 0 101. 9	67. 9 103. 2	66. 0 99. 0	67. 8 94. 0	69. 5 95. 3	70. 1 95. 5	70. 9 93. 4	68. 0 92. 1	64. 1 84. 0	64. 8 85. 5	68. 0 84.
Wholesale prices, actual. (See under respec- tive commodities.)	_l 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
PURCHASING POWER OF THE DOLLAR *												:	
Wholesale prices 1923-25=100 Retail food prices 1923-25=100 Farm prices 1923-25=100	123. 4 118. 6	124. 8 124. 8	125, 1 124, 2	125. 0 122. 7	124. 5 122. 0	125. 0 122. 4	124. 1	126. 5 125. 8	126. 4 125. 5	128, 1 125, 2	127. 2 119. 3	125, 1 119, 0	
Farm prices†1923-25=100_ Cost of living†1923-25=100_	- 118. 5 118. 3	137. 4 123. 0	135. 0 122. 5	136. 1 122. 0	133. 7 121. 2	135.0 121.2		141. 4 122. 2	140. 1 122. 0	142. 7 121. 4	137. 4 119. 5	127. 9 119. 3	118. 8 118. 8
	C	ONST	RUCT	ION A	AND	REAL	ESTA	TE	•				
CONSTRUCTION CONTRACTS AWARDED													
Contracts awarded, F. R. B.:‡ Total, unadjusted	- 61	44	45	53	53	50	44	47	53 35	56	60	65	
Residential $1923-25=100$ Total, adjusted $1923-25=100$ Residential $1923-25=100$	- 61	25 43 25	25 48 25	53 25 60 26	22 67 26	21 61 25	52	28 47 26	35 47 30	38 46 32	39 52 36	45 59 44	a 6
Residential	Į.												-
Projectsnumber Valuationthous, of dol. Nonresidential buildings:†	12,056 234, 272	9, 978 167, 376	11, 385 200, 596	9, 256 188, 115	8, 249 264, 137	7, 724 204, 793		10, 514 198, 978	13. 338 234, 632	13, 242 216, 071	13, 352 233, 055	13, 890 294, 735	
Projectsnumber_ Floor spacethous, of sq. ft_	_ 3,079	2, 778 8, 602	3, 318 10, 813	2,753 11,680	2, 796 20, 680	2, 761 16, 047		3, 106 15, 098	3, 792 17, 343	3, 436 15, 629	3, 411 15, 916	3, 626 17, 543	
Valuationthous. of dol_	69, 099			68, 080		90, 480		81, 460		82, 252			

**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 is ue and for 1934 on p. 19 of the October 1935 issue. Series also revised for 1935. See p. 19 of the May 1936 issue.

1 Indexes are based on 3-month moving average of F. W. Dodge data centered at second month.
1 See footnote on p. 23 marked "4".
2 Index revised to exclude copper prices, since data on copper stocks have not been available subsequent to October 1931. Both stock and price series now cover 8 commodities as listed. For revised data for period 1920-35 see p. 19 of the May 1936 issue.

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1936		19	935					19	36			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July	August
co	NSTR	UCTI	ON A	ND R	EAL]	ESTA'	ге—с	ontin	ued				
CONSTRUCTION CONTRACTS AWARDED—Continued													
F. W. Dodge Corporation (37 States)—Con. Public utilities:# Projectsnumber Valuationthous. of dol	224 15, 735	176 12, 493	223 11, 198	207 10, 694	269 18, 104	221 17, 926	136 11, 939	205 18, 106	221 23, 753	176 12,773	167 9, 264	229 27, 512	188 17, 945
Public works:# Projectsnumber_ Valuationthous. of dol_	1, 169 68, 765	1, 422 63, 653	1, 614 75, 117	1,540 69,645	1, 328 76, 387	1,048 58,948	702 36, 325	1, 123 44, 191	1, 092 49, 660	1, 102 50, 792	1, 330 71, 107	1, 782 99, 103	1, 238 76, 435
Residential buildings: ♂ Projectsnumber_ Floor spacethous. of sq. ft_ Valuationthous. of dol	7, 584 21, 181 80, 671	5, 602 12, 002 41, 811	6, 230 16, 764 55, 100	4,756 12,253 39,695	3, 856 11, 899 45, 140	3, 694 10, 306 37, 440	3, 249 9, 115 31, 176	6, 080 15, 604 55, 221	8, 233 19, 736 67, 151	8, 528 20, 547 70, 253	8, 444 20, 624 73, 605	8, 253 20, 501 71, 994	7, 982 24, 393 100, 523
Engineering construction: Total contracts awarded (E. N. R.) thous. of dol.			182, 631	154, 973	235, 506	288, 547	164, 499	147, 697	195, 458	141, 257	183, 917	226, 595	192, 317
HIGHWAY CONSTRUCTION]	Ì		
Concrete-pavement contract awards: Totalthous. of sq. yd_ Roads onlythous. of sq. yd_ Highways:	7, 613 5, 196	4, 663 3, 766	6, 816 5, 888	4, 496 3, 327	6, 869 3, 591	2, 250 1, 217	2,068 1,396	2,662 1,579	3, 835 2, 767	5, 235 3, 621	4, 188 2, 942	7, 913 6, 208	5, 903 4, 648
Approved for construction (N. I. R. A.):* Mileagenumber of miles_ Public works funds alloted thous of dol_ Under construction (N. I. R. A.):*	139 4, 044	402 11, 984	295 10, 100	290 8, 740	241 8, 092	267 7, 279	308 7, 607	291 7, 623	296 7, 382	252 5, 975	169 4, 631	144 4, 345	146 4, 248
Estimated total costthous. of dol_ Public works funds allotted	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
thous. of dol Federal aid funds allotted thous. of dol. Mileagenumber of miles		114, 867 2, 020 5, 031	92, 885 1, 328 3, 706	80, 810 1, 189 2, 968	68, 965 982 2, 371	60, 877 667 1, 988	56, 653 601 1, 734	55, 085 569 1, 679	52, 005 467 1, 527	45, 693 248 1, 339	38, 975 195 1, 152	33, 397 195 971	26, 680 147 832
CONSTRUCTION COSTS Building costs—all types (American Ap-]											
praisal Co.)*		157	157	157	158	158	158	159	159	161	162	163	163
Building costs—all types $(E. N. R.)$ §	179	174	173	173	173	178	178	178	178	178	178	178	178
1913=100 Building costs—factory (Aberthaw) 1914=100	208. 1	195. 1 177	195, 1	194. 9	194. 9 177	199, 5	201. 2	201, 2 178	202, 2	203. 4	204. 6 183	204. 4	208, 1
MISCELLANEOUS DATA		l											
Fire losses, United Statesthous. of dol_ Foreclosures**number_ Real estate: Homel oan bank, loans outstanding*;	20, 414	16, 642 14, 470	19, 786 14, 398	20, 872 12, 886	27, 969 13, 221	27, 730 12, 560	30, 910 11, 794	29, 177 13, 245	25, 787 13, 126	21, 479	20, 407	22, 357	21,714
thous. of dol Home Owners' Loan Corp: Applications receivednumber	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
Loans closed: Numberthous. of dol. Loans outstanding*thous. of dol.		12, 892 41, 181 2,788,203	16, 259 49, 883 2,838,086	15, 634 47, 927 2,886,013	19, 002 58, 541 2,940,029	14, 192 44, 409 2,984,438	9, 392 29, 984 3,014,423	8, 386 25, 715 3,040,137	6, 305 19, 891 3,060,029	6, 073 21, 865 3,083,312			
		,			C TR			<u> </u>		1 1	1		
ADVERTISING	1									1	1	l	l
Printer's Ink indexes (adjusted for seasonal						1					ĺ		
variation):* Combined index1928-32=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 Magazines 1928-32=100 Newspapers 1928-32=100 Outdoor 1928-32=100 Radio 1928-32=100	91. 6	69. 8 74. 4	61. 5 75. 1	62. 6 81. 0	74. 4 82. 4	67. 1 82. 2	66. 0 82. 5	66.6 86.8	72.8 89.2	76. 5 87. 6	73. 5 88. 2	73. 4 90. 3	80. 2 87. 2
Newspapers 1928-32=100 Outdoor 1928-32=100		75. 5 52. 4	7 7. 9 59. 5	82, 9 58, 0	84. 7 47. 0	79. 1 50. 0	75. 5 52. 3	81. 5 71. 1	85. 0 70. 6	86. 5 70. 2	88. 9 73. 5	87. 1 74. 3	84. 9 72. 3
Radio broadcasting:		184. 5	185. 2	177. 5	195. 0	187.0	189.7	192.8	185. 2	184. 4	202.1	224. 7	230.0
Cost of facilities, totalthous. of dol Automotivethous. of dol		3, 250 244	4, 710 721	4, 377 400	4,780 487	4,583 432	4,623 466	5, 210 539	4, 693 453	4, 311 450	3,826 394	3, 723 241	3, 655 225
Drugs and toilet goodsthous. of dol_ Foodsthous. of dol_		1,096 911	1, 283 1, 154	1, 295 1, 072	1, 406 1, 171	1,382 1,150	1, 428 1, 111	1, 555 1, 260	1, 405 1, 182	1, 227 1, 106	1, 058 1, 056	966 1, 147	961 1,063
Petroleum productsthous. of dol_ Tobacco manufacturesthous. of dol_		31 3 184	384 367	382 368	398 384	402 352	390 331	417 370	344 395	329 393	292 4 371	301 421	292 395
All other*thous. of dol_ Magazine advertising:†		503	802	861	934	882	895	1,069	913	806	a 656	647	720
Cost, total thous. of dol Automotive thous. of dol		8, 852 832	10, 248 686	11,747 1,684	9, 360 979	7, 435 1, 157	11, 166 1, 655	13, 431 2, 044	14, 516 2, 146	14, 929 2, 332 2, 359	12, 268 1, 811	8, 917 1, 196	8, 488 1, 221
Drugs and toilet goodsthous. of dol Foodsthous. of dol		1, 454 1, 296	1, 957 1, 690	2, 203 1, 986	1, 609 1, 630	1, 241 1, 230	2, 323 1, 837	2, 477 2, 195	2,506 1,784	1,742	2, 137 1, 657	1, 767 1, 493	1,756 1,211
Petroleum productsthous. of dol Tobacco manufacturesthous. of dol		220 525	192 526	263 559	110 565	148 580	191 494	214 568	459 591	468 619	366 586	365 494	347 540
All other*thous. of dol_ Lineage, total†thous. of lines_		4, 523 1, 812	5, 197 2, 181	5, 052 2, 201	4, 467 2, 334	3, 079 1, 696	4, 665 2, 128	5, 932 2, 511	7,031 2,860	7, 419 2, 852	5, 710 2, 637	3, 603 1, 967	3, 414 1, 695
a Pavisad	,												

Monthly statistics through December 1931,	1936		1:	935					1936	3			_
together with explanatory footnotes and references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August
		DOM	ESTI	C TR	ADE-	-Conti	nued						
ADVERTISING—Continued													
Newspaper advertising: Lineage, total (52 cities) thous. of lines Classified thous. of lines Display thous of lines Automotive thous of lines Financial thous of lines General thous of lines Retail thous of lines	22, 521 91, 866 4, 257 1, 641 21, 053	101, 347 20, 155 81, 192 2, 910 1, 454 16, 629 60, 200	117, 427 20, 658 96, 769 5, 714 1, 983 20, 775 68, 297	117, 704 19, 753 97, 952 7, 677 2, 096 20, 980 67, 198	118, 684 20, 171 98, 513 4, 058 1, 835 16, 269 76, 351	94, 810 18, 499 76, 311 3, 787 2, 536 17, 686 52, 301	91, 334 17, 546 73, 788 3, 632 1, 942 19, 464 48, 751	116, 443 21, 991 94, 452 5, 453 2, 773 22, 899 63, 327	121, 887 22, 548 99, 339 7, 813 2, 488 21, 812 67, 227	127, 182 24, 172 103, 010 8, 493 1, 933 23, 498 69, 086	117, 029 24, 843 92, 186 7, 645 1, 988 20, 802 61, 751	98, 499 21, 232 77, 266 6, 593 2, 219 18, 287 50, 167	99, 166 22, 546 76, 620 4, 908 1, 646 16, 186 53, 880
GOODS IN WAREHOUSES													
Space occupied, public merchandise in ware- housespercent 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		1											
Air mail, pound-mile performance thous. of ib		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): Numberthousands Valuethous. of dol	3, 665 37, 237	3, 359 33, 417	3, 809 37, 327	3, 740 35, 890	4,346 39,631	3, 952 37, 528	3, 953 36, 611	4, 123 38, 676	3, 950 37, 884	3, 834 36, 405	4, 091 40, 994	3, 764 38, 354	3, 633 36, 655
Domestic, paid (50 cities): Numberthousands Valuethous. of dol	12, 772 103, 480	10, 915 88, 703	13, 631 108, 905	12, 561 99, 403	14,341 107,701	12, 449 92, 882	11, 523 85, 855	13, 291 99, 739	13, 122 99, 510	12, 735 96, 032	13, 153 102, 447	12, 598 103, 085	11, 573 94, 696
Value thous of dol. Foreign, issued—value thous of dol. Receipts, postal. 1 50 selected cities thous of dol.	Į.	2, 416 25, 035	2, 038 29, 354	2, 733 27, 580	5, 281 35, 985	2, 294 27, 434	2, 254 26, 103	3,055	2, 450 28, 944	2,048	2, 385 28, 288		
50 industrial citiesthous, of dol.	3, 242	2, 815	3, 292	2, 976	4, 248	3, 257	3, 060	28, 839 3, 318	3, 320	27, 874 3, 124	3, 214	26, 673 3, 192	26, 037 3, 022
RETAIL TRADE													
Automobiles:* New passenger car sales: Unadjusted	70. 9 83. 0	50. 1 79. 0	53. 3 82. 0	96. 6 113. 5	90. 6 106. 5	69. 3 102. 0	65. 5 89. 5	117.8 101.0	142. 3 93. 5	138. 6 93. 5	139. 3 109. 5	117. 3 a 104. 5	a 92, 9 a 92, 0
Combined index † av. same month 1929-31=100 Apparel index †	. 110	98	100	100	103	97	99	101	102	103	108	110	109
av. same month 1929-31=100		107	110	108	114	100	105	119	115	117	118	125	119
av. same month 1929-31=100. Five-and-ten (variety) stores:*	100	94	93	92	93	93	93	94	94	93	96	100	102
Unadjusted 1929-31 = 100 Adjusted 1929-31 = 100 H. L. Green Co., Inc.:*	98. 2 102. 8	87. 7 91. 8	93. 4 92. 0	95. 1 93. 7	178. 4 96. 7	67. 7 90. 8	73. 5 88. 0	80. 3 93. 3	95. 7 95. 2	96. 8 96. 8	98. 8 104. 0	97. 2 109. 2	86. 5 97. 7
Stores operatedthous. of dol_ Stores operatednumber_	2, 501 132	2, 088 133	2, 476 134	2, 684 134	4, 941 133	1, 753 132	1,868 130	2, 043 130	2, 522 131	2, 514 130	2, 625 130	2, 412 130	2, 430 132
S. S. Kresge Co.: Salesthous. of doi Stores operatednumber	11, 753 728	10, 148 737	11, 925 741	12, 269 744	21, 551 745	8, 597 743	9, 571 740	10,043 739	12, 011 737	11, 925 726	12, 182 725	11, 169 729	11, 353 729
S. H. Kress & Co.: Salesthous. of dol. Stores operatednumber_	6, 785 235	6, 138 233	6, 586 234	6, 858 235	13, 789 234	5, 204 234	5, 459 234	6, 314 235	6, 873 235	6, 552 235	7, 027 235	6, 525 235	6, 652 235
McCrory Stores Corp.: ▲ Sales	3, 096 195	2, 626 a 203	3, 183 201	3, 262 203	6, 268 203	2, 324 201	2, 691 200	2,893 200	3, 284 200	3, 057 199	3, 443 197	3, 002 195	3, 010 195
Salesthous. of dol Stores operatednumber_	2, 907 192	2, 351 188	2, 865 189	2, 970 189	5, 005 189	2, 003 189	2, 311 190	2,320 190	3, 001 190	3, 089 190	3, 183 191	2, 974 191	2, 922 192
F. W. Woolworth Co.: Salesthous. of dol. Stores operatednumber	23, 434 1, 993	20, 243 1, 974	23, 383 1, 978	23, 407 1, 978	39, 590 1, 980	16, 983 1, 977	19, 016 1, 979	19, 677 1, 980	23, 072 1, 983	22, 622 1, 986	23, 398 1, 989	22, 861 1, 990	23, 186 1, 991
Restaurant chains (3 companies): Sales	3, 655 349	3, 369 355	3, 565 353	3, 395 351	3, 662 352	3, 384 353	3, 229 350	3,509 350	3, 495 348	3, 442 349	3, 363 350	3, 510 349	3, 490 349
W. T. Grant & Co.: Salesthous. of doi. Stores operatednumber J. C. Penney Co.:	7,443 472	6, 726 470	8, 365 470	8, 581 471	14, 818 471	5, 175 471	5, 754 472	6, 475 472	7, 649 472	8,328 472	8, 371 473	7, 075 473	6, 925 472
Sales	22, 529 1, 491	18, 806 1, 480	24, 023 1, 481	24, 992 1, 483	31, 332 1, 481	13, 964 1, 481	13, 692 1, 481	16, 282 1, 481	19, 759 1, 483	20, 640 1, 483	21, 475 1, 484	18, 475 1, 488	19, 369 1, 489
Installment account percent of accounts receivable. Open account	1	16, 2	17. 4	17. 4	16.7	16. 7	17. 1	17. 6	17. 4	16. 9	18.0		16. 2
percent of accounts receivable Revised.		40, 6	45. 5	46.8	44.0	46. 9	1 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 Survey for the period February 1926 to December 1933.

† Revised series. For revisions refer to the indicated pages of the monthly issues as follows: Apparel sales index of Chain Store Age, p. 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.

† Monthly data from January 1934. See the 1932 annual supplement and monthly issues prior to December 1934.

A 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 refer-	1936	ļ	19	35					19	36			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August
		DOM	ESTI	C TR	ADE-	-Conti	inued						
RETAIL TRADE—Continued													
Department stores—Continued. Sales, total value, unadjusted▲	1				.						j '	İ	
1923-25 = 100	93 116	86 91	86 98	91 103	145 158	63 71	66 86	77 95	85 100	89 103	84 92	4 63 78	4 68 96
Atlanta* 1923-25 = 100 Boston 1923-25 = 100 Chicago* 1923-25 = 100 Cleveland* 1923-25 = 100	82	72 81	82 86	78 89	124 137	63 64	54 69	66 82	74 89	74 89	76 87	54 65	54
Cleveland*	. 89	78 97	79 92	83 97	133 155	58 69	70 77	68 87	89 90	93 95	84 92	63 71	54 76 72 77 70 75 63
Kansas City 1925 = 100	109 92	85	90	84	133	60	63	80	80	82	77	59	70
New York*	94 87	84 83	94 87	85 93	123 140	65 63	58 64	79 71	88 78	87 80	85 80	81 62	63
Cieveiand 1923-25=100 Dallas* 1923-25=100 Kansas City 1925=100 Minneapolis* 1929=100 New York* 1925-27=100 Philadelphia* 1923-25=100 Richmond 1923-25=100	69 104	65 98	74 117	80 114	122 185	47 73	51 72	66 95	70 103	74 110	71 104	52 79 55 77	56 a 78
St. L0018	86 97	71 4 88	80 4 90	81 4 94	120 4 154	56 a 71	59 4 73	73 4 80	78 4 88	76 4 86	72 • 84	55 77	a 60
Sales, total value, adjusted 1923-25=100	88 123	81 97	78 82	82 90	83 93	81 90	83 98	84 103	84 96	87 102	87 103	91 111	88 87 123
Chicago*† 1923-25=100	94 86	79 75	78 75	81 79	81 81	80 77	87 86	90 78	84 79	88 87	89 86	91 83	95
Sals, total value, adjusted 1923-25=100 Atlanta 1923-25=100 Chicago 1 1923-25=100 Cleveland 1923-25=100 Dallas 1923-25=100 Minneapolis 1923-25=100 Minneapolis 1923-25=100	103	92 77	80 79	84 86	95 83	82 73	91	91 84	92 82	91 86	100	102 61	107
New York* 1925-27=100.	84	81	77	79	83	81	77 77 62	83 73	80	85	83	82	86
New York* 1925-27 = 100 Philadelphia* 1923-25 = 100 San Francisco*† 1923-25 = 100 Installment sales, New England dept.	78 93	72 4 85	65 4 88	66 489	69 4 90	57 4 87	4 86	4 88 4 88	70 4 90	76 4 90	74 94	70 94	73 92
stores, ratio to total salespercent	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	71	67	72	75	61	58	62	67	68	67	62	59	65
Mail-order and store sales:	1	64	66	67	65	66	65	65	65	65	64	63	67
Total sales, 2 companiesthous. of dol Montgomery Ward & Co.thous. of dol	80, 974 33, 357	59, 474 25, 173	79, 945 35, 897	71, 777 30, 910	90, 813 39, 475	46, 181 18, 508	45, 435 17, 855	60, 926 24, 845	69, 413 30, 403	75, 219 30, 295	76, 689 30, 330	65, 270 25, 636	66, 325 27, 422
Sears, Roebuck & Cothous. of dol Rural sales of general merchandise:	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
Unadjusted 1929-31=100. Adjusted 1929-31=100.	122.3	103.7 104.8	127. 6 104. 6	127 6 103. 7	155. 9 109. 8	79. 9 96. 3	84. 2 93. 0	99. 2 106. 7	105. 5 109. 9	106. 5 113. 3	106. 2 112. 4	88. 3 114. 7	96. 2 111. 9
	120.0	[101.0						100.0	110.0			111.0
	ЕМР	LOYM	ENT	CONI	DITIO	NS A	ND W	AGE	3				
EMPLOYMENT												 	
Factory, unadj. (B. L. S.)*\$1923-25=100_ Durable goods group*\$1923-25=100_	90. 6 80. 7	83. 7 71. 2	85. 3 74. 9	85. 0 76. 1	84. 6 75. 7	82. 9 74. 4	83. 1 74. 4	84. 1 75. 7	85. 1 77. 6	85. 7 79. 2	86. 0 79. 9	86. 8 79. 7	4 89. 0 4 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	a 88. 2
Structural and metal work 1923-25=100	80. 3	-0.0									. 1		
Tin cans, etc		58.6	59. 0	58.6	56, 6	57. 4	57. 7	60.9	64. 5	69.1	72.6	75.3	
	115. 1	105. 4 57. 0	100. 5 57. 5	95. 3 56. 0	92. 9 54. 5	91.6 52.9	91. 4 53. 1	93. 9 54. 5	95, 8 55, 6	98. 6 56. 7	102. 7 57. 5	104, 3 58, 1	4 111. 0 4 59. 5
Furniture1923-25=100_ Millwork1923-25=100_	60. 7 86. 0 54. 9	105. 4 57. 0 76. 3 50. 1	100. 5 57. 5 77. 9 49. 5	95. 3 56. 0 77. 0 48. 7	92. 9 54. 5 74. 8 46. 9	91. 6 52. 9 71. 7 45. 5	91. 4 53. 1 72. 6 45. 7	93. 9 54. 5 72. 4 47. 0	95. 8 55. 6 72. 1 48. 5	98. 6 56. 7 73. 0 49. 8	102. 7 57. 5 74. 4 51. 7	104. 3 58. 1 77. 7 51. 5	4 111. 0 4 59. 5 4 82. 6 4 54. 3
Furniture 1923-25=100 Millwork 1923-25=100 Sawmills 1923-25=100 Turpentine and rosin 1923-25=100	60. 7 86. 0	105. 4 57. 0 76. 3 50. 1 37. 4 100. 5	100. 5 57. 5 77. 9	95. 3 56. 0 77. 0 48. 7 36. 0 100. 7	92. 9 54. 5 74. 8 46. 9 35. 1 99. 7	91. 6 52. 9 71. 7 45. 5 34. 4 98. 0	91. 4 53. 1 72. 6 45. 7 34. 3 98. 1	93. 9 54. 5 72. 4 47. 0 36. 1 97. 1	95. 8 55. 6 72. 1 48. 5 37. 5 99. 0	98. 6 56. 7 73. 0	102. 7 57. 5 74. 4	104. 3 58. 1 77. 7	4 111. 0 59. 5 4 82. 6 4 54. 3 4 37. 7
Furniture. 1923-25=100. Millwork. 1923-25=100. Sawmills 1923-25=100. Turpentine and rosin. 1923-25=100. Machinery. 1923-25=100.	60. 7 86. 0 54. 9 38. 3 101. 4 104. 1	105. 4 57. 0 76. 3 50. 1 37. 4 100. 5 91. 1	100. 5 57. 5 77. 9 49. 5 37. 6 100. 3 93. 1	95. 3 56. 0 77. 0 48. 7 36. 0 100. 7 93. 8	92. 9 54. 5 74. 8 46. 9 35. 1	91. 6 52. 9 71. 7 45. 5 34. 4 98. 0 92. 5	91. 4 53. 1 72. 6 45. 7 34. 3	93. 9 54. 5 72. 4 47. 0 36. 1 97. 1 93. 6	95. 8 55. 6 72. 1 48. 5 37. 5	98. 6 56. 7 73. 0 49. 8 38. 4 97. 8 99. 1	102. 7 57. 5 74. 4 51. 7 38. 5 99. 0 100. 3	104. 3 58. 1 77. 7 51. 5 38. 4 99. 2 100. 5	4 111. 0 59. 5 82. 6 54. 3 37. 7 101. 8 101. 2
Furniture. 1923-25=100. Millwork. 1922-25=100. Sawmills. 1923-25=100. Turpentine and rosin. 1923-25=100. Machinery. 1923-25=100. Agricultural implements. 1923-25=100. Electrical machinery, etc. 1923-25=100.	60. 7 86. 0 54. 9 38. 3 101. 4 104. 1 100. 8	105. 4 57. 0 76. 3 50. 1 37. 4 100. 5	100. 5 57. 5 77. 9 49. 5 37. 6 100. 3	95. 3 56. 0 77. 0 48. 7 36. 0 100. 7	92. 9 54. 5 74. 8 46. 9 35. 1 99. 7 93. 1	91. 6 52. 9 71. 7 45. 5 34. 4 98. 0	91. 4 53. 1 72. 6 45. 7 34. 3 98. 1 92. 6	93. 9 54. 5 72. 4 47. 0 36. 1 97. 1	95. 8 55. 6 72. 1 48. 5 37. 5 99. 0 96. 2	98. 6 56. 7 73. 0 49. 8 38. 4 97. 8	102. 7 57. 5 74. 4 51. 7 38. 5 99. 0	104. 3 58. 1 77. 7 51. 5 38. 4 99. 2	4 111. 0 59. 5 82. 6 54. 3 4 37. 7 101. 8 4 101. 2 4 104. 1
Furniture	60. 7 86. 0 54. 9 38. 3 101. 4 104. 1 100. 8 85. 2 91. 3	105. 4 57. 0 76. 3 50. 1 37. 4 100. 5 91. 1 118. 5 73. 3 76. 0	100. 5 57. 5 77. 9 49. 5 37. 6 100. 3 93. 1 116. 6 75. 3	95. 3 56. 0 77. 0 48. 7 36. 0 100. 7 93. 8 123. 8 75. 4	92. 9 54. 5 74. 8 46. 9 35. 1 99. 7 93. 1 128. 9 74. 0	91. 6 52. 9 71. 7 45. 5 34. 4 98. 0 92. 5 133. 9 72. 1	91. 4 53. 1 72. 6 45. 7 34. 3 98. 1 92. 6 136. 3 71. 4	93. 9 54. 5 72. 4 47. 0 36. 1 97. 1 93. 6 138. 7 72. 3	95. 8 55. 6 72. 1 48. 5 37. 5 99. 0 96. 2 140. 4 75. 3	98. 6 56. 7 73. 0 49. 8 38. 4 97. 8 99. 1 138. 3 77. 1	102. 7 57. 5 74. 4 51. 7 38. 5 99. 0 100. 3 132. 6 79. 1 87. 0	104. 3 58. 1 77. 7 51. 5 38. 4 99. 2 100. 5 118. 4 80. 9	4 111. 0 59. 5 4 82. 6 54. 3 37. 7 101. 8 4 101. 2 4 104. 1 4 81. 4 89. 4
Furniture. 1923-25=100. Millwork. 1923-25=100. Sawmills 1923-25=100. Turpentine and rosin. 1923-25=100. Machinery. 1923-25=100. Agricultural implements. 1923-25=100. Electrical machinery, etc. 1923-25=100. Foundry and machine-shop products 1923-25=100. Radios and phonographs. 1923-25=100. Metals, nonferrous§. 1923-25=100.	60. 7 86. 0 54. 9 38. 3 101. 4 104. 1 100. 8 85. 2 91. 3 262. 3	105. 4 57. 0 76. 3 50. 1 37. 4 100. 5 91. 1 118. 5 73. 3	100. 5 57. 5 77. 9 49. 5 37. 6 100. 3 93. 1 116. 6 75. 3	95. 3 56. 0 77. 0 48. 7 36. 0 100. 7 93. 8 123. 8 75. 4	92. 9 54. 5 74. 8 46. 9 35. 1 99. 7 93. 1 128. 9 74. 0	91. 6 52. 9 71. 7 45. 5 34. 4 98. 0 92. 5 133. 9 72. 1	91. 4 53. 1 72. 6 45. 7 34. 3 98. 1 92. 6 136. 3 71. 4	93. 9 54. 5 72. 4 47. 0 36. 1 97. 1 93. 6 138. 7 72. 3	95. 8 55. 6 72. 1 48. 5 37. 5 99. 0 96. 2 140. 4 75. 3	98. 6 56. 7 73. 0 49. 8 38. 4 97. 8 99. 1 138. 3 77. 1	102. 7 57. 5 74. 4 51. 7 38. 5 99. 0 100. 3 132. 6 79. 1	104. 3 58. 1 77. 7 51. 5 38. 4 99. 2 100. 5 118. 4 80. 9	4 111. 0 59. 5 4 82. 6 54. 3 37. 7 101. 8 101. 2 104. 1 4 81. 4 89. 4 255. 0
Furniture	60. 7 86. 0 54. 9 38. 3 101. 4 104. 1 100. 8 85. 2 91. 3 262. 3	105. 4 57. 0 76. 3 50. 1 37. 4 100. 5 91. 1 118. 5 73. 3 76. 0 254. 9	100. 5 57. 5 77. 9 49. 5 37. 6 100. 3 93. 1 116. 6 75. 3 76. 8 279. 1	95. 3 56. 0 77. 0 48. 7 36. 0 100. 7 93. 8 123. 8 75. 4 77. 6 271. 6	92. 9 54. 5 74. 8 46. 9 35. 1 99. 7 93. 1 128. 9 74. 0 79. 0 230. 0	91. 6 52. 9 71. 7 45. 5 34. 4 98. 0 92. 5 133. 9 72. 1 79. 1 213. 1	91. 4 53. 1 72. 6 45. 7 34. 3 98. 1 92. 6 136. 3 71. 4 80. 0 196. 0	93. 9 54. 5 72. 4 47. 0 36. 1 97. 1 93. 6 138. 7 72. 3 81. 5 186. 1	95. 8 55. 6 72. 1 48. 5 37. 5 99. 0 96. 2 140. 4 75. 3 83. 8 188. 6	98. 6 56. 7 73. 0 49. 8 38. 4 97. 8 99. 1 138. 3 77. 1 86. 1 215. 4	102. 7 57. 5 74. 4 51. 7 38. 5 99. 0 100. 3 132. 6 79. 1 87. 0 242. 5	104, 3 58, 1 77, 7 51, 5 38, 4 99, 2 100, 5 118, 4 80, 9 88, 2 234, 2	4 111.0 59.5 82.6 54.3 37.7 101.8 101.2 104.1 4 81.4 89.4 255.0 4 92.4
Furniture	60. 7 86. 0 54. 9 38. 3 101. 4 104. 1 100. 8 85. 2 91. 3 262. 3 96. 5	105. 4 57. 0 76. 3 50. 1 37. 4 100. 5 91. 1 118. 5 73. 3 76. 0 254. 9 86. 9	100. 5 57. 5 77. 9 49. 5 37. 6 100. 3 93. 1 116. 6 75. 3 76. 8 279. 1 91. 9	95. 3 56. 0 77. 0 48. 7 36. 0 100. 7 93. 8 123. 8 75. 4 77. 6 271. 6 93. 1	92. 9 54. 5 74. 8 46. 9 35. 1 99. 7 93. 1 128. 9 74. 0 230. 0 92. 3	91. 6 52. 9 71. 7 45. 5 34. 4 98. 0 92. 5 133. 9 72. 1 79. 1 213. 1 89. 4	91. 4 53. 1 72. 6 45. 7 34. 3 98. 1 92. 6 136. 3 71. 4 80. 0 196. 0 89. 3	93. 9 54. 5 72. 4 47. 0 36. 1 97. 1 93. 6 138. 7 72. 3 81. 5 186. 1 88. 9	95. 8 55. 6 72. 1 48. 5 37. 5 99. 0 96. 2 140. 4 75. 3 83. 8 188. 6 88. 7	98. 6 56. 7 73. 0 49. 8 38. 4 97. 8 99. 1 138. 3 77. 1 86. 1 215. 4 89. 0	102. 7 57. 5 74. 4 51. 7 38. 5 99. 0 100. 3 132. 6 79. 1 87. 0 242. 5 89. 7	104. 3 58. 1 77. 7 51. 5 38. 4 99. 2 100. 5 118. 4 80. 9 88. 2 234. 2 88. 7	4 111.0 4 59.5 4 82.6 4 54.3 4 37.7 101.8 4 101.2 4 104.1 4 81.4 89.4 4 255.0 4 92.4 90.6
Furniture	60. 7 86. 0 54. 9 38. 3 101. 4 104. 1 100. 8 85. 2 91. 3 262. 3 96. 5 91. 2 94. 1	105. 4 57. 0 76. 3 50. 1 37. 4 100. 5 91. 1 118. 5 73. 3 76. 0 254. 9 86. 9 79. 1 81. 8	100. 5 57. 5 77. 9 49. 5 37. 6 100. 3 93. 1 116. 6 75. 3 76. 8 279. 1 91. 9 82. 7 86. 8	95. 3 56. 0 77. 0 48. 7 36. 0 100. 7 93. 8 123. 8 75. 4 77. 6 271. 6 93. 1 83. 0 89. 0	92. 9 54. 5 74. 8 46. 9 35. 1 99. 7 93. 1 128. 9 74. 0 79. 0 230. 0 92. 3 82. 1 88. 5	91. 6 52. 9 71. 7 45. 5 34. 4 98. 0 92. 5 133. 9 72. 1 213. 1 213. 1 89. 4 81. 2 87. 6	91. 4 53. 1 72. 6 45. 7 34. 3 98. 1 92. 6 136. 3 71. 4 80. 0 196. 0 89. 3 82. 0 87. 2	93. 9 54. 5 72. 4 47. 0 36. 1 97. 1 93. 6 138. 7 72. 3 81. 5 186. 1 88. 9 85. 2 86. 9	95. 8 55. 6 72. 1 48. 5 37. 5 99. 0 96. 2 140. 4 75. 3 83. 8 188. 6 88. 7 84. 3 86. 8	98. 6 56. 7 73. 0 49. 8 99. 1 138. 3 77. 1 86. 1 215. 4 89. 0 84. 6 87. 7	102. 7 57. 5 74. 4 51. 7 38. 5 99. 0 100. 3 132. 6 79. 1 87. 0 242. 5 89. 7 87. 5 87. 9	104. 3 58. 1 77. 7 51. 5 38. 4 99. 2 100. 5 118. 4 80. 9 88. 2 234. 2 88. 7 90. 3 88. 1	a 111.0 a 59.5 a 82.6 a 54.3 a 37.7 101.8 a 101.2 a 104.1 a 81.4 89.4 a 255.0 a 92.4 90.6 90.4
Furniture	60. 7 64. 9 38. 3 101. 4 104. 1 100. 8 85. 2 91. 3 96. 5 91. 2 94. 1 114. 3 61. 0 66. 0	105. 4 57. 0 76. 3 50. 1 37. 4 100. 5 91. 1 118. 5 73. 3 76. 0 254. 9 86. 9 79. 1 81. 8 106. 2 52. 6 64. 6	100. 5 57. 5 77. 9 49. 5 37. 6 100. 3 93. 1 116. 6 75. 3 76. 8 279. 1 91. 9 82. 7 86. 8 112. 7 55. 1 64. 5	95. 3 56. 0 77. 0 48. 7 36. 0 100. 7 93. 8 123. 8 75. 4 77. 6 271. 6 93. 1 83. 0 89. 0	92. 9 54. 5 74. 8 46. 9 35. 1 128. 9 74. 0 79. 0 230. 0 92. 3 82. 1 88. 5 117. 0 55. 8 64. 8	91. 6 52. 9 71. 7 45. 5 34. 4 98. 0 92. 5 133. 9 72. 1 79. 1 213. 1 89. 4 81. 2 87. 6	91. 4 53. 172. 6 45. 7 34. 3 98. 1 92. 6 136. 3 71. 4 80. 0 196. 0 89. 3 82. 0 87. 2 109. 2 58. 2 65. 5	93. 9 54. 5 72. 4 47. 0 36. 1 97. 1 93. 6 138. 7 72. 3 81. 5 186. 1 88. 9 85. 2 86. 9 109. 1 60. 1 65. 8	95. 8 55. 6 72. 1 48. 5 37. 5 99. 0 96. 2 140. 4 75. 3 83. 8 188. 6 88. 7 84. 3 86. 8	98. 6 56. 7 73. 0 49. 8 38. 4 97. 8 99. 1 138. 3 77. 1 86. 1 215. 4 89. 0 84. 6 87. 7	102. 7 57. 5 74. 4 51. 7 38. 5 99. 0 100. 3 132. 6 79. 1 87. 0 242. 5 89. 7 87. 5 87. 9	104. 3 58. 177. 7 51. 5 38. 4 99. 2 100. 5 118. 4 80. 9 88. 2 234. 2 88. 7 90. 3 88. 1	a 111.0 a 59.5 a 82.6 a 54.3 a 37.7 101.8 a 101.2 a 104.1 a 81.4 89.4 a 255.0 a 92.4 90.6 90.4 a 112.2 a 60.5 65.9
Furniture	60. 7 86. 0 54. 9 38. 3 101. 4 100. 4 1 100. 8 85. 2 91. 3 96. 5 91. 2 94. 1 14. 3 61. 0 66. 0 60. 6	105. 4 57. 0 76. 3 50. 1 37. 4 100. 5 91. 1 118. 5 73. 3 76. 0 254. 9 86. 9 79. 1 81. 8 106. 2 52. 6 64. 6 64. 6 51. 7	100. 5 57. 5 77. 9 49. 5 37. 6 100. 3 93. 1 116. 6 75. 3 76. 8 279. 1 91. 9 82. 7 86. 8 112. 7 55. 1 64. 5 54. 4	95. 3 56. 0 77. 0 48. 7 36. 0 100. 7 93. 8 123. 8 75. 4 77. 6 271. 6 93. 1 83. 0 89. 0	92. 9 54. 8 46. 9 35. 1 99. 7 93. 1 128. 9 74. 0 79. 0 230. 0 92. 3 82. 1 88. 5 117. 0 55. 8 64. 8 55. 1	91. 6 52. 9 71. 7 45. 5 34. 4 98. 0 92. 5 133. 9 72. 1 79. 1 213. 1 89. 4 81. 2 87. 6 110. 5 55. 9 65. 0	91. 4 53. 11 72. 6 45. 7 34. 3 98. 1 92. 6 136. 3 71. 4 80. 0 196. 0 89. 3 82. 0 87. 2 109. 2 58. 2 57. 6	93. 9 54. 5 72. 4 47. 0 36. 1 97. 1 93. 6 138. 7 72. 3 81. 5 186. 1 88. 9 85. 2 86. 9 109. 1 60. 1 65. 8 59. 7	95. 8 55. 6 72. 1 48. 5 37. 5 99. 0 96. 2 140. 4 75. 3 83. 8 188. 6 88. 6 88. 7 84. 3 86. 8	98. 6 56. 7 73. 0 49. 8 38. 4 97. 8 99. 1 138. 3 77. 1 86. 1 215. 4 89. 0 84. 6 87. 7	102. 7 57. 5 74. 4 51. 7 38. 5 99. 0 100. 3 132. 6 79. 1 87. 0 242. 5 89. 7 87. 5 87. 5 87. 9	104. 3 58. 1 77. 7 51. 5 38. 4 80. 9 83. 2 234. 2 88. 7 90. 3 88. 1 109. 4 58. 9 65. 8 58. 4	a 37. 7 101. 8 a 101. 2 a 104. 1 a 81. 4 89. 4 a 255. 0 a 92. 4 90. 6 90. 4 a 112. 2 a 60. 5 65. 9 a 60. 1
Furniture	60. 7 86. 0 54. 9 38. 3 101. 4 104. 1 100. 8 85. 2 91. 3 96. 5 91. 2 94. 1 114. 3 61. 0 66. 0 60. 6	105. 4 57. 0 76. 3 50. 1 37. 4 100. 5 91. 1 118. 5 73. 3 76. 0 254. 9 88. 9 79. 1 81. 8 106. 2 52. 6 64. 6 51. 7	100. 5 57. 5 77. 9 49. 5 37. 6 100. 3 93. 1 116. 6 75. 3 76. 8 279. 1 91. 9 82. 7 86. 8 112. 7 55. 1 64. 5 54. 4 56. 7 35. 3	95. 3 56. 0 77. 0 48. 7 7 36. 0 100. 7 93. 8 75. 4 77. 6 271. 6 93. 1 83. 0 89. 0 116. 2 55. 7 65. 1 55. 0 56. 4 34. 6	92.9 54.5 74.8 46.9 35.1 99.7 93.1 128.9 74.0 79.0 230.0 92.3 82.1 88.5 117.0 55.8 64.8 55.1	91. 6 52. 9 71. 7 45. 5 34. 4 98. 0 92. 5 133. 9 72. 1 79. 1 213. 1 89. 4 81. 2 87. 6 55. 9 65. 0 55. 2	91. 4 53. 1 72. 6 45. 7 34. 3 98. 1 92. 6 136. 3 71. 4 80. 0 196. 0 89. 3 82. 0 87. 2 109. 2 58. 2 65. 5 57. 6	93. 9 54. 5 72. 4 47. 0 36. 1 97. 1 97. 1 97. 1 98. 7 72. 3 81. 5 186. 1 88. 9 85. 2 86. 9 109. 1 65. 8 59. 7 54. 1 32. 5	95. 8 55. 6 72. 1 48. 5 37. 5 99. 0 96. 2 140. 4 75. 3 83. 8 188. 6 88. 7 84. 3 86. 8 112. 8 59. 9 66. 0 59. 4 57. 36. 7	98. 6 56. 7 73. 0 49. 8 38. 4 97. 8 99. 1 138. 3 77. 1 86. 1 215. 4 89. 0 84. 6 87. 7 110. 8 60. 1 65. 9 59. 7 59. 8	102. 7 57. 57. 5 74. 4 51. 7 38. 5 99. 0 100. 3 132. 6 79. 1 87. 0 242. 5 89. 7 87. 5 87. 9 112. 3 60. 6 65. 6 60. 2	104. 3 58. 1 77. 7 51. 5 38. 4 99. 2 100. 5 118. 4 80. 9 88. 2 234. 2 88. 7 90. 3 88. 1 109. 4 58. 9 65. 8 58. 4 61. 1 43. 0	a 111.0 a 59.5 a 82.6 a 54.37 101.8 a 101.2 a 104.1 a 81.4 89.4 a 255.0 a 92.4 90.6 90.4 a 60.5 65.9 a 60.1
Furniture	60. 7 86. 0 54. 9 38. 3 101. 4 104. 1 100. 8 85. 2 91. 3 96. 5 91. 2 94. 1 14. 3 61. 0 60. 6 60. 6	105. 4 57. 0 76. 3 50. 1 37. 4 100. 5 91. 1 118. 5 73. 3 76. 0 254. 9 86. 9 79. 1 81. 8 106. 2 64. 6 51. 7 55. 8 34. 0 51. 9 95. 8	100. 5 57. 5 77. 9 49. 5 37. 6 100. 3 93. 1 116. 6 75. 3 76. 8 279. 1 91. 9 82. 7 86. 8 112. 7 55. 1 64. 5 54. 4 56. 7 35. 3 52. 9 97. 5	95. 3 56. 0 77. 0 48. 7 36. 0 100. 7 93. 8 75. 4 77. 6 271. 6 93. 1 83. 0 89. 0 116. 2 55. 7 65. 1 55. 0 56. 4 49. 6 98. 4	92.9 54.5 74.8 46.9 35.1 199.7 99.7 102.9 74.0 79.0 230.0 92.3 82.1 88.5 117.0 55.8 64.8 55.1 33.9 45.0 97.8	91. 6 52. 9 71. 7 45. 5 34. 4 98. 0 92. 5 133. 9 72. 1 213. 1 213. 1 213. 1 89. 4 81. 2 87. 6 55. 9 65. 0 55. 2 50. 8 31. 0 38. 0 92. 0	91. 4 53. 1 72. 6 45. 7 34. 3 98. 1 92. 6 136. 3 71. 4 80. 0 196. 0 89. 3 82. 0 87. 2 109. 2 58. 2 65. 5 57. 6 51. 0 38. 0 38. 0 93. 8	93. 9 54. 5 72. 4 47. 0 36. 1 97. 1 93. 6 138. 7 72. 3 81. 5 186. 1 88. 9 85. 2 86. 9 109. 1 60. 1 65. 8 59. 7 54. 1 32. 5 44. 3 94. 9	95. 8 55. 6 72. 1 48. 5 99. 0 96. 2 140. 4 75. 3 83. 8 188. 6 88. 7 84. 3 86. 8 112. 8 59. 66. 0 59. 4 57. 7 36. 7 52. 3 97. 1	98. 6 56. 7 73. 0 49. 8 99. 1 138. 3 77. 1 86. 1 215. 4 89. 0 84. 6 87. 7 110. 8 60. 1 65. 9 59. 7 59. 8 99. 8 99. 1 99. 1 90. 1 90. 1 90. 1 90. 1 90. 1 90.	102. 7 57. 57. 57. 57. 57. 4 51. 7 38. 5 5 99. 0 100. 3 132. 6 79. 1 87. 0 242. 5 89. 7 87. 5 87. 9 112. 3 60. 6 65. 6 60. 2 60. 7 42. 3 58. 9 97. 3	104. 3 58. 177. 7 51. 5 38. 4 99. 2 100. 5 118. 4 80. 9 88. 2 234. 2 234. 2 88. 7 90. 3 88. 1 109. 4 58. 9 65. 8 58. 4 61. 1 43. 0 60. 0 97. 0	a 111.0 a 59.5 a 82.6 a 54.37 101.8 a 101.2 a 104.1 a 81.4 89.4 a 255.0 a 92.4 90.6 90.4 a 60.5 65.9 a 60.1
Furniture	60. 7 86. 0 54. 9 38. 3 101. 4 104. 1 100. 8 85. 2 91. 3 96. 5 91. 2 94. 1 114. 3 61. 0 60. 6 60. 6 60. 6 62. 2 42. 8 97. 3 86. 6 88. 8	105. 4 57. 0 76. 3 50. 1 37. 4 100. 5 91. 1 118. 5 73. 3 76. 0 254. 9 86. 9 79. 1 81. 8 106. 2 52. 6 64. 6 51. 7 55. 8 34. 0 51. 7 55. 8 75. 9	100. 5 57. 5 77. 9 49. 5 37. 6 100. 3 93. 1 116. 6 75. 3 76. 8 279. 1 191. 9 82. 7 86. 8 112. 7 55. 1 64. 5 54. 4 56. 7 35. 3 52. 9 97. 5 92. 3	95. 3 56. 0 77. 0 48. 7 36. 0 100. 7 93. 8 123. 8 75. 4 77. 6 271. 6 93. 1 83. 0 89. 0 116. 2 55. 7 65. 1 55. 0 98. 4 34. 6 49. 6 49. 6 40. 0 1115. 5	92.9 54.5 74.8 46.9 35.1 11.28.9 74.0 79.0 230.0 92.3 82.1 88.5 117.0 55.8 64.8 55.1 55.2 33.9 45.0 97.8	91. 6 52. 9 71. 7 45. 5 34. 4 98. 0 92. 5 133. 9 72. 1 79. 1 213. 1 89. 4 81. 2 87. 6 110. 5 55. 9 65. 0 92. 0 38. 0 92. 0 101. 7 116. 3	91. 4 53. 1 72. 6 45. 7 34. 3 98. 1 92. 6 136. 3 71. 4 80. 0 196. 0 89. 3 82. 0 87. 2 109. 2 58. 2 65. 5 57. 6 51. 0 38. 0 99. 0 112. 0	93. 9 54. 5 72. 4 47. 0 36. 1 97. 1 98. 1 98. 7 72. 3 81. 5 186. 1 88. 9 85. 2 86. 9 109. 1 65. 8 59. 7 54. 1 32. 5 44. 3 94. 9 100. 3 111. 1	95. 8 55. 6 72. 1 48. 5 99. 0 96. 2 140. 4 75. 3 83. 8 183. 6 88. 7 84. 3 86. 8 112. 8 59. 9 66. 0 59. 4 57. 7 52. 3 77. 1 104. 3 114. 1	98. 6 56. 7 73. 0 49. 8 38. 4 97. 8 99. 1 138. 3 77. 1 86. 1 215. 4 89. 0 84. 6 87. 7 110. 8 60. 1 65. 9 59. 7 59. 8 39. 9 59. 8 39. 9 59. 8 10. 1 65. 7 59. 8	102. 7 57. 5 74. 4 51. 7 38. 5 99. 0 100. 3 132. 6 79. 1 87. 0 242. 5 89. 7 87. 5 87. 9 112. 3 60. 6 65. 6 60. 2 60. 7 42. 3 58. 9 97. 3 104. 6 114. 3	104. 3 58. 1 77. 7 51. 5 38. 4 99. 2 100. 5 118. 4 80. 9 88. 2 234. 2 234. 2 38. 7 90. 3 88. 1 109. 4 58. 9 65. 8 58. 4 61. 1 43. 0 60. 0 97. 0 101. 0	a 111. 0 a 59. 5 a 82. 6 a 54. 37. 7 101. 8 a 101. 2 a 104. 1 a 81. 4 89. 4 a 255. 0 a 92. 4 90. 6 60. 5 60. 5 60. 1 61. 2 60. 2 60. 2 60. 2 60. 3 60. 1 61. 2 60. 2 60. 3 60. 1 61. 2 60. 3 60. 3
Furniture	60. 7 86. 0 54. 9 38. 3 101. 4 100. 8 85. 2 91. 3 96. 5 91. 2 94. 1 114. 3 61. 0 66. 0 60. 6 62. 2 42. 8 62. 1 97. 3 86. 6 88. 8	105. 4 57. 0 76. 3 50. 1 37. 4 100. 5 91. 1 118. 5 73. 3 76. 0 254. 9 86. 9 79. 1 81. 8 106. 2 52. 6 64. 6 51. 7 55. 8 34. 0 51. 9 95. 8 75. 9 95. 8	100. 5 57. 5 77. 9 49. 5 37. 6 100. 3 93. 1 116. 6 75. 3 76. 8 279. 1 91. 9 82. 7 86. 8 112. 7 55. 1 64. 5 54. 4 56. 7 35. 3 52. 9 97. 5 92. 3	95. 3 56. 0 77. 0 48. 7 36. 0 100. 7 93. 8 75. 4 77. 6 271. 6 93. 1 83. 0 89. 0 116. 2 55. 7 65. 1 55. 0 56. 4 34. 6 49. 6 98. 4 101. 5 115. 5	92.9 54.5 74.8 46.9 35.1 128.9 74.0 230.0 92.3 82.1 88.5 117.0 55.8 64.8 55.1 55.2 33.9 45.0 97.8	91. 6 52. 9 71. 7 45. 5 34. 4 98. 0 92. 5 133. 9 72. 1 79. 1 213. 1 89. 4 81. 2 87. 6 110. 5 55. 9 65. 0 65. 2 50. 8 31. 0 92. 0 101. 7	91. 4 53. 1 72. 6 45. 7 34. 3 98. 1 92. 6 136. 3 71. 4 80. 0 89. 3 82. 0 87. 2 109. 2 58. 2 65. 5 57. 6	93. 9 54. 5 72. 4 47. 0 36. 1 97. 1 93. 6 138. 7 72. 3 81. 5 186. 1 88. 9 85. 2 86. 9 109. 1 60. 1 65. 8 59. 7 54. 1 32. 6 44. 3 94. 9 94. 0 95. 0 96. 1 97. 1 98. 0 98. 0	95. 8 55. 6 72. 1 48. 5 37. 5 99. 0 96. 2 140. 4 75. 3 83. 8 83. 8 84. 3 86. 8 112. 8 59. 4 59. 4 57. 7 36. 0 59. 4	98. 6 56. 7 73. 0 49. 8 38. 4 97. 8 99. 1 138. 3 77. 1 86. 1 215. 4 89. 0 84. 6 87. 7 110. 8 65. 9 59. 7 59. 8 39. 9 59. 7 59. 8 59. 7 59. 8 59. 7 59. 8 59.	102. 7 57. 57. 5 74. 4 51. 7 38. 5 99. 0 100. 3 132. 6 79. 1 87. 0 242. 5 89. 7 87. 5 87. 5 87. 5 60. 6 65. 6 60. 2 60. 2 60. 2 60. 3 60. 6 61. 4 62. 3 63. 3 63. 3 63. 6 63. 6 63. 6	104. 3 58. 1 77. 7 51. 5 38. 4 89. 2 100. 5 118. 4 80. 9 88. 2 234. 2 88. 7 90. 3 88. 1 109. 4 58. 9 65. 8 58. 4 61. 1 43. 0 60. 0 97. 0 101. 0 109. 6	a 111.0 a 59.5 a 82.6 a 54.3 a 37.7 101.8 a 101.2 a 104.1 a 81.4 89.4 a 255.0 a 92.4 a 60.5 65.9 a 60.1 61.9 a 92.7 a 97.0 a 68.3
Furniture	60. 7 86. 0 54. 9 38. 3 101. 4 104. 1 100. 8 85. 2 91. 3 96. 5 91. 2 94. 1 14. 3 61. 0 66. 0 60. 6 42. 8 62. 1 97. 3 86. 6 88. 8 61. 0 100. 2	105. 4 57. 0 76. 3 50. 1 37. 4 100. 5 91. 1 118. 5 73. 3 76. 0 254. 9 86. 9 79. 1 81. 8 106. 2 52. 6 64. 6 51. 7 55. 8 34. 0 51. 9 95. 8 75. 9 84. 0 32. 5 76. 1 97. 1	100. 5 57. 5 77. 9 49. 5 37. 6 100. 3 93. 1 1116. 6 75. 3 76. 8 279. 1 91. 9 82. 7 86. 8 112. 7 55. 1 64. 5 54. 4 56. 7 35. 3 52. 9 97. 55 92. 3 105. 0 37. 9 79. 8 96. 4	95. 3 56. 0 77. 0 48. 7 36. 0 100. 7 93. 8 123. 8 75. 4 77. 6 271. 6 93. 1 83. 0 89. 0 116. 2 55. 7 65. 1 55. 0 49. 6 49. 6 98. 4 101. 0 115. 5 43. 4 82. 3 94. 6	92.9 54.5 74.8 46.9 35.1 99.7 93.1 128.9 74.0 79.0 230.0 92.3 82.1 88.5 117.0 55.8 64.8 55.1 55.2 33.9 45.0 97.8 103.2 118.2 118.2	91. 6 52. 9 71. 7 45. 5 34. 4 98. 0 92. 5 133. 9 72. 1 213	91. 4 53. 1 72. 6 45. 7 34. 3 98. 1 92. 6 136. 3 71. 4 80. 0 196. 0 89. 3 82. 0 87. 2 109. 2 58. 2 65. 5 57. 6 51. 0 38. 0 93. 8 93. 8 94. 1 95. 5 96. 5 97. 6 98. 1 98.	93. 9 54. 5 72. 4 47. 0 36. 1 97. 1 93. 6 93. 6 93. 8 1. 5 186. 1 88. 9 109. 1 65. 8 59. 7 54. 1 32. 5 44. 3 94. 9 100. 3 111. 1 55. 0 90. 7 93. 2	95. 8 55. 6 72. 1 48. 5 99. 0 96. 2 140. 4 75. 3 83. 8 188. 6 88. 7 84. 3 86. 8 112. 8 96. 0 59. 4 57. 7 52. 3 97. 52. 3 114. 1 104. 3 114. 3	98. 6 56. 7 3. 0 49. 8 99. 1 138. 3 77. 1 86. 1 215. 4 89. 0 84. 6 87. 7 110. 8 60. 1 65. 9 59. 7 59. 7 59. 8 99. 1 105. 5 115. 6 115. 5 115. 6 115. 5 115.	102. 7 57. 57. 57. 57. 57. 4 51. 7 38. 5 5 99. 0 100. 3 3132. 6 79. 1 87. 0 242. 5 89. 7 87. 5 87. 9 112. 3 60. 6 65. 6 65. 6 65. 6 60. 7 42. 3 58. 9 97. 3 104. 6 114. 3 63. 3 92. 8	104, 3 58, 1 77, 7 51, 5 38, 4 99, 2 100, 5 118, 4 80, 9 88, 2 234, 2 234, 2 88, 7 90, 3 88, 1 109, 4 58, 9 65, 8 58, 4 61, 1 43, 0 60, 0 97, 0 101, 0 109, 6 60, 0 98, 7 94, 4	a 111. 0 a 59. 5 a 82. 6 a 54. 37. 7 101. 8 a 101. 2 a 104. 1 a 81. 4 89. 4 a 255. 0 a 92. 4 90. 6 90. 4 a 112. 2 a 60. 5 a 60. 1 61. 2 a 60. 5 a 60. 1 a 97. 9 a 92. 7 a 97. 9 a 98. 8 a 98. 8 a 99. 8 a 99. 8 a 99. 8 a 99. 8 a 99. 8 a 99. 8 a 99. 8 a 99. 8 a 99. 8 a 99. 8 a 99. 8 a 99. 9 a 99. 8 a 99. 8
Furniture	60. 7 86. 0 54. 9 38. 3 101. 4 104. 1 100. 8 85. 2 91. 3 96. 5 91. 2 94. 1 14. 3 61. 0 66. 0 60. 6 62. 2 42. 8 86. 8 88. 8 65. 4 100. 2 100. 2 116. 5	105. 4 57. 0 76. 3 50. 1 37. 4 100. 5 91. 1 118. 5 73. 3 76. 0 254. 9 86. 9 79. 1 81. 8 106. 2 62. 6 64. 6 64. 6 51. 7 55. 8 34. 0 51. 9 95. 8 75. 9 95. 8 75. 9 95. 8 75. 9 95. 8 75. 9 95. 8 75. 9 95. 8 76. 0	100. 5 57. 5 77. 9 49. 5 37. 6 100. 3 93. 1 116. 6 75. 3 76. 8 279. 1 91. 9 82. 7 86. 8 112. 7 55. 1 64. 5 54. 4 56. 7 35. 3 105. 0 37. 9 79. 8	95. 3 56. 0 77. 0 48. 7 36. 0 100. 7 93. 8 123. 8 123. 8 127. 6 271. 6 271. 6 271. 6 271. 6 33. 1 83. 0 89. 0 116. 2 55. 7 65. 1 55. 0 56. 4 34. 6 49. 6 49. 8. 4 101. 0 111. 0 111. 0 123. 4 82. 3	92. 9 54. 5 74. 8 46. 9 35. 1 11. 128. 9 74. 0 230. 0 92. 3 82. 1 88. 5 117. 0 55. 8 64. 8 55. 1 55. 2 33. 9 45. 0 97. 8 103. 2 47. 4 82. 9	91. 6 52. 9 71. 7 45. 5 34. 4 98. 0 92. 5 133. 9 72. 1 213. 1 89. 4 81. 2 87. 6 110. 5 55. 9 65. 0 92. 0 101. 7 111. 7 111. 7 111. 7	91. 4 53. 1 72. 6 45. 7 34. 3 98. 1 92. 6 136. 3 71. 4 80. 0 196. 0 196. 0 87. 2 109. 2 55. 5 57. 6 51. 0 38. 0 93. 8 99. 0 93. 8 99. 0 93. 8 99. 0 93. 8 99. 0 93. 8 99. 0 93. 8 99. 0 93. 8 99. 0 93. 8 99. 0 93. 8 99. 0 93. 8 99. 0 93. 8 99. 0 93. 8 99. 0 93. 8 94. 9 95. 8 96. 9 96. 9 96. 9 97. 6 97. 93. 9 54. 5 72. 4 47. 0 36. 1 97. 1 98. 6 138. 7 72. 3 81. 5 186. 1 88. 9 85. 2 86. 9 109. 1 65. 1 65. 8 59. 7 54. 1 32. 5 44. 3 94. 9 100. 3 11. 5 50. 0	95. 8 55. 6 72. 1 48. 5 99. 0 96. 2 140. 4 75. 3 83. 8 188. 6 88. 7 84. 3 86. 8 112. 8 99. 0 66. 0 12. 8 97. 1 104. 3 104. 3 105. 99. 9 99. 8	98. 6 56. 7 73. 0 49. 8 38. 4 97. 8 99. 1 138. 3 77. 1 86. 1 215. 4 89. 0 84. 6 87. 7 110. 8 60. 1 65. 9 7 59. 7 59. 8 39. 9 59. 1 10. 5 10. 102.7 57.5 74.4 51.7 99.0 100.3 132.6 79.1 87.0 242.5 89.7 87.5 87.5 87.9 112.3 60.6 65.6 60.2 60.7 42.3 58.9 97.3 104.3 104.3 105.3 106.3	104, 3 58, 1 77, 7 51, 5 38, 4 99, 2 100, 5 118, 4 80, 9 88, 2 234, 2 234, 2 38, 7 90, 3 88, 1 109, 4 58, 9 65, 8 61, 1 43, 0 97, 0 101, 0 60, 0 97, 0 101, 0 60, 0 98, 7	a 111.0 a 59.5 a 82.6 a 54.37 101.8 a 101.2 a 104.1 a 81.4 89.4 a 255.0 a 92.4 90.6 90.4 a 112.2 a 66.5 66.5 a 60.1 a 97.9 a 97.9 a 92.7 a 92.7 a 92.7 a 92.8 a 92.8 a 97.9 a 92.8 a 97.9 a 98.8 a 97.8 a 98.8 a 97.8 a 97.		

Revised.

* 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 Board and the district indexes are computed by the Federal Reserve Board and the district indexes are computed by the Federal Reserve Board and the district indexes are computed by the Federal Reserve Board and the district indexes are computed by the Federal Reserve Board and the district indexes are computed by the Federal Reserve Board and the district indexes are computed by the Federal Reserve Board and the district indexes are computed by the Federal Reserve Board and the district indexes are computed by the Federal Reserve Board and the district indexes are computed by the Federal Reserve Board and the district indexes are computed 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,	1936		19	35	ļ				193	6			
together with explanatory footnotes and references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August
EMPL	OYM	ENT C	COND	ITION	S AN	D WA	AGES-	Cont	inued	l			
EMPLOYMENT—Continued				1				Ì					
Factory unadjusted—Continued. Nondurable goods group—Continued. Chemicals and products—Continued. Petroleum refining	111. 6 366. 3 121. 7 118. 6 194. 6	110. 1 353. 6 118. 2 114. 6 171. 9	110. 9 356. 8 108. 5 114. 6 162. 9	110. 3 356. 1 100. 5 113. 6 153. 0	109. 6 357. 9 96. 8 112. 4 150. 1	108. 7 353. 6 92. 6 111. 2 149. 7	108. 0 347. 2 91. 1 111. 7 148. 0	107. 5 352. 0 92. 0 112. 9 158. 6	109. 4 331. 1 94. 1 113. 5 163. 9	109. 4 341. 4 96. 3 114. 8 178. 9	110. 7 342. 0 100. 4 115. 9 184. 9	114. 1 353. 3 107. 7 116. 6 204. 2	a 111. 1 362. 9 a 115. 9 a 117. 3 a 199. 1
1923-25=100	98. 2 101. 8 111. 9 90. 8 81. 3 100. 0 95. 9 105. 2 60. 1 188. 9 116. 1 114. 3 109. 6 366. 3 109. 6	78. 9 88. 8 87. 3 95. 2 97. 3 109. 2 81. 1 70. 3 95. 9 92. 1 100. 5 56. 9 110. 3 108. 5 97. 4 108. 0 108. 2 353. 6 99. 9	79. 7 86. 6 84. 0 97. 0 98. 3 109. 1 82. 8 70. 7 97. 7 94. 6 100. 5 60. 0 83. 7 97. 1 111. 3 107. 7 97. 1 118. 9 111. 1 356. 8 98. 1 112. 8	82.8 82.3 77.8 100.3 98.7 109.0 82.7 69.8 97.0 96.1 94.8 59.7 84.8 110.8 110.2 111.4 356.1 98.4 111.8	84. 3 86. 3 82. 8 100. 4 99. 7 110. 0 83. 0 70. 5 96. 9 96. 4 93. 8 58. 2 85. 6 110. 3 109. 7 110. 9 36. 7 110. 9 37. 3 109. 7 110. 7 110. 9	84, 9 88, 4 86, 1 97, 7 97, 5 108, 7 82, 0 93, 4 52, 2 84, 8 109, 8 109, 6 110, 8 353, 6 103, 1 113, 6	81. 7 89. 7 88. 1 96. 3 98. 2 109. 2 81. 7 69. 9 96. 1 93. 5 55. 5 83. 8 108. 2 105. 4 06. 8 107. 3 109. 4 347. 2 101. 3 104. 4 80. 8	80. 5 89. 0 89. 0 95. 6 98. 2 109. 6 72. 7 53. 2 97. 2 97. 2 101. 3 106. 9 96. 9 107. 3 108. 6 352. 0 102. 2 115. 2 82. 4	80. 7 86. 4 94. 9 98. 6 110. 3 82. 1 96. 1 96. 1 91. 9 101. 7 55. 4 84. 9 107. 6 108. 3 100. 2 111. 4 109. 4 331. 1 100. 5 115. 3	82. 8 83. 9 81. 4 94. 3 99. 0 111. 0 83. 0 94. 2 90. 7 97. 9 56. 7 85. 8 111. 2 112. 2 112. 2 110. 4 100. 4 102. 9 114. 8 83. 8	84. 2 82. 4 79. 7 93. 5 98. 3 110. 3 83. 7 72. 6 93. 2 90. 6 95. 2 56. 9 111. 8 113. 9 101. 0 111. 1 109. 7 342. 0 102. 4 88. 3	80. 2 86. 9 97. 9 109. 8 84. 5 97. 9 109. 8 84. 5 73. 6 92. 0 92. 5 118. 1 101. 7 113. 1 111. 6 353. 3 103. 9 114. 9	\$9.9 \
Iron and steel and products 1923-25=100. Blast furnaces and steel works 1923-25=100. Structural and metal work 1923-25=100. Tin cans, etc	89. 4 78. 1 108. 6 86. 1 83. 1 98. 1 59. 1 83. 3 54. 4 37. 1 101. 7 107. 7	95. 1 55. 5 73. 9 49. 7 36. 2 88. 8 126. 6	75. 9 76. 1 57. 7 100. 7 84. 5 81. 4 97. 1 55. 4 71. 7 49. 1 37. 0 90. 6 122. 4 75. 3	77. 1 77. 1 58. 4 99. 6 84. 1 80. 2 99. 6 54. 4 71. 6 48. 7 35. 7 93. 0 127. 8 75. 4	77. 9 78. 3 57. 1 96. 6 90. 3 88. 0 100. 0 54. 5 72. 4 47. 6 35. 8 93. 9 129. 3 74. 0	77. 6 77. 6 58. 9 97. 9 89. 2 87. 5 96. 0 54. 8 74. 4 46. 9 36. 0 94. 6 129. 4 72. 1	75. 9 75. 8 59. 4 95. 5 87. 8 86. 4 93. 9 54. 6 73. 3 46. 3 35. 8 93. 6 128. 1 71. 4	76. 1 75. 7 62. 3 96. 9 86. 9 85. 4 93. 4 55. 9 73. 7 47. 6 37. 3 94. 9 129. 6 72. 3	77. 9 78. 1 65. 3 95. 4 87. 0 85. 2 94. 7 56. 3 74. 7 48. 2 37. 7 97. 0 132. 6 75. 3	80. 1 80. 9 69. 5 97. 6 86. 2 84. 0 95. 6 57. 1 76. 8 49. 2 37. 8 99. 6 134. 1 77. 1	82. 2 83. 4 72. 2 99. 2 85. 9 83. 4 95. 8 57. 3 77. 2 51. 1 37. 5 100. 7 133. 5	85. 1 87. 0 73. 8 100. 3 86. 4 83. 8 97. 2 58. 2 81. 4 51. 0 37. 6 101. 1 125. 0 80. 9	a 88. 9 a 77. 5 a 103. 5 86. 7 83. 9 97. 7 a 58. 8 a 82. 4 a 53. 4 a 36. 7 a 100. 8
Foundry and machine-shop products 1923-25=100. Radios and phonographs1923-25=100. Metals, nonferrous§1923-25=100. Brass, bronze. copper prod. 1923-25=100. Stamped and enameled	- 95. 1	190. 9 87. 4	77. 4 196. 8 90. 8 87. 9	79. 1 222. 3 91. 9 90. 0	80. 9 225. 4 91. 4 89. 1	80. 3 253. 1 90. 4 88. 0	79. 6 239. 0 88. 3 85. 6	80. 4 248. 8 87. 2 84. 6	82. 4 239. 0 87. 6 85. 3	84. 8 256. 4 89. 4 87. 2	86. 1 267. 7 90. 8 88. 4	88. 2 244. 0 90. 9 89. 0	a 231.8
ware \$	102. 1 111. 9 60. 7 66. 0 60. 3 91. 4 82. 8	97. 6 109. 2 52. 4 64. 6 51. 4 81. 7 71. 6	112. 6 97. 8 109. 1 54. 8 64. 5 54. 1 83. 4 73. 2		118. 3 98. 0 110. 0 55. 9 64. 8 55. 2 83. 4 72. 9	114. 2 96. 8 108. 7 56. 7 65. 0 56. 1 83. 4 72. 7			109. 7 99. 0 110. 3 59. 4 66. 0 59. 0 82. 1 67. 0	109. 3 99. 6 111. 0 59. 7 65. 9 59. 3 81. 8 66. 8	112. 2 99. 2 110. 3 60. 1 65. 6 59. 7 81. 7 68. 2	'0	a 100. 8 a 110. 7 a 60. 3 65. 9 a 59. 9 a 89. 5 a 79. 7
Brick, tile, and terra cotta 1923-25=100. Cement 1923-25=100. Class 1923-25=100. Textiles and products 1923-25=100. Fabrics 1923-25=100. Tobacco manufactures 1923-25=100. Transportation equipment 1923-25=100. Automobiles 1923-25=100. Cars, electric and steam 1923-25=100. Shipbuilding 1923-25=100. Factory, by cities and States:	40. 4 58. 5 95. 1 100. 1 97. 0 102. 9 58. 4 92. 7 96. 1	32. 1 48. 9 93. 6 96. 0 93. 2 98. 3 57. 3 81. 6 91. 0 31. 8	54. 6 34. 4 50. 9 92. 9 92. 0 93. 6 97. 3 57. 4 99. 5 113. 8 39. 5 85. 3	49. 2 97. 2 96. 2 94. 4 96. 0 57. 0 109. 0 125. 1 48. 1	56. 4 35. 8 47. 4 98. 2 96. 2 94. 7 95. 3 58. 0 110. 9 128. 0 51. 6 82. 9	55. 8 35. 3 42. 8 100. 0 95. 0 95. 0 95. 3 56. 0 103. 0 117. 4 50. 9 81. 4	42. 7 96. 2 94. 4 92. 0 95. 8 55. 2 96. 6 108. 7 52. 3	94. 6 91. 6 97. 4 56. 4 96. 3 106. 3 55. 4	57. 1 36. 4 52. 6 95. 6 94. 9 91. 3 99. 1 56. 2 98. 7 108. 0 56. 4 93. 7	58. 2 37. 7 56. 7 95. 6 94. 2 90. 7 98. 1 57. 0 96. 7 105. 5 55. 6 95. 7	91. 8 96. 7 57. 2 99. 1	106.4	40. 0 57. 4 499. 6 2 102. 0 498. 7 4 105. 1 59. 7 4 96. 8 4 65. 0
Cities: Baltmore* 1929-31=100. Chleago* 1925-27=1001. Cleveland* 1923-25=100. Detroit 1923-25=100. Milwaukee* 1925-27=100. New York 1925-27=100. Philadelphia† 1923-25=100. Pittsburgh*† 1923-25=100.	91. 5 77. 0 96. 4 83. 9 101. 4 80. 4	67. 3 89. 3 82. 7 93. 2 75. 9 91. 0	84. 4 68. 5 95. 5 100. 9 94. 4 77. 7 92. 2 71. 5	68. 9 94. 9 107. 8 96. 2 76. 3 92. 2		80. 8 68. 7 94. 9 103. 8 95. 2 73. 7 90. 5 69. 7	69. 2 94. 2 100. 0 94. 2 74. 5 90. 8	69. 3 94. 4 101. 5 96. 1 77. 2 91. 8	86. 2 70. 0 95. 1 105. 8 97. 6 75. 9 91. 7 74. 4	87. 7 71. 7 96. 2 105. 0 99. 5 74. 3 91. 5 76. 0	99. 2 72. 2	73. 6 96. 4 101. 0 98. 1 72. 5	76. 0 91. 1 78. 0 97. 4 77. 1 6 4 96. 1
States: 1923-25=100. Delaware† 1925-27=100. Illinois 1925-27=100. Iowa * 1923-25=100. Massachusetts*† 1925-27=100. * Payisad	86, 6	75.7 114.2	92. 6 75. 8 114. 3 76. 5	76. 0 114. 7	76. 6 116. 3	75. 8 115. 6	76. 7 114. 5	77. 8 117. 4			123. 2	82. 121.	1 84.7 119.8

[•] Revised.
• For earlier data see the following references: For factory employment, adjusted, all series, see pp. 16 to 19 of the July 1934 issue; employment in Baltimore, Milwaukee and Massachusetts, p. 18, December 1932; employment in Chicago, p. 20, June 1933; Pittsburgh employment, p. 18, January 1934; Cleveland employment, p. 19, July 1934; new data other than shown above on Iowa employment will appear in a subsequent issue.

† For revised data refer to the indicated pages as follows: Employment in Delaware and Philadelphia, p. 19, September 1933; for revisions of years 1930-34 for those series and for the city of Pittsburgh, see p. 20 of the March 1935 issue; for Massachusetts, employment for 1931, p. 19, August 1933, and for 1932-34, p. 20, September 1935, revisions for period January 1933-May 1936 not shown in the October 1936 issue will appear in the 1936 supplement.

§ These data for the period January 1933-September 1935 have been revised; revisions not shown in the December 1935 issue appeared on p. 16 of the January 1936 issue.

Monthly statistics through December, 1931,		193	35	ĺ	1936								
together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	Augus
ЕМРІ	OYM	ENT (COND	ITION	IS AN	D W	GES-	-Con	tinue	1			•
EMPLOYMENT—Continued									_				
Factory, by cities and States—Continued. States—Continued.													
Maryland* 1929-31=100	98. 9 83. 1		92. 1 80. 0	90. 4 80, 6	89. 7 79. 1	88. 4 76. 3	88. 3 76. 1	90. 5 76. 4	93. 1 77. 0	94. 2 77. 7	93. 9 79. 3	95. 5 78. 7	≉93. 80.
New Jersey†	83. 2		77. 8 93. 8	76. 9 96. 0	76. 2	75. 2	75, 3 (1)	77. 2	77. 4	77. 5	76. 8 (1)	77. 4	79.
Ohio 1926=100 Pennsylvania† 1923-25=100 Wiscordin 1925-27=100	86.8	78. 1	79. 4 89. 1	79. 0 8 8. 2	78.9	76. 9 85. 9	77.3 87.1	77. 6 88. 7	(1) 79. 1 89. 3	79. 5 90. 7	80.7 91.8	95. 6	à 84 91
Wisconsin 1925-27=100. Nonmanufacturing (B. L. S.):	. 80. 2	88.0	09.1	00.2	61.2	00. 9	04, 1	00.7	09.0	80.1	91.0	33. 0	31
Mining: Anthracite1929=100.	47.6		58.8	46.6	57. 3	59. 1	61. 2	52. 5	49. 8	54. 9	51.2	48. 4	41
Bituminous coal	78. 1 62. 8	48. 9	74. 3 51. 6	76. 1 52. 6	79. 1 53. 5	79. 8 54. 2	80, 2 55, 5	55. 9	77. 5 57. 5	60.8	75. 7 61. 9	75. 5 61. 3	76 61
Petroleum, crude production_1929=100. Quarrying and nonmetallic1929=100.	74. 4 54. 8		74. 7 50. 0	73. 0 46. 7	71. 9 43. 1	71.1 39.4	70. 8 36. 9		71. 3 48. 4	72. 7 52. 0	73. 7 53. 5	75. 4 54. 4	78 58
Public utilities: Electric light and power, and manufac-				,									
tured gas1929=100	93. 4 72. 8		87.4 71.1	87. 6 71. 1	86. 8 70. 5	86. 1 70. 7	86. 1 71. 7	86. 8 71. 2	88. 0 71. 3	89. 0 71. 5	90. 4 71. 7	91, 7 72, 4	93 72
Electric railroads	73.7		70. 0	69.8		70. 1	69. 9		70.8	71.6	72. 1	73. 1	73
Trade: Retailt1929=100.	86.8		83. 8	84.6		80. 4	79.7	81.9	85. 2		85. 5	83. 2	82
Wholesale†1929=100. Miscellaneous:	1		85.7	86.4			85. 0		85. 7	84.6	84. 6	85. 4	
Dyeing and cleaning*† 1929=100. Hotels†	86. 6 83. 8	82. 1 81. 1	80. 4 81. 6	76. 3 81. 5		71. 5 81. 9	70. 3 82. 8	74. 7 82. 8	81. 8 83. 2	87. 3 84. 1	87. 5 83. 9	85. 5 83. 3	83 83
Hotels†	89. 6	83. 0	81. 9	81. 3		81. 5	81. 2	82.1	83. 2	85. 5	87. 2	90. 5	89
Construction employment, Ohio	(1)	27.6	30.9	28. 5	27.9	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Farm employees, average per farm	1	1			ļ								1.
rumber. Federal and State highway employment,	1. 07	i :	(1)	.85	.62	.71	.74	.89	.90	1.00	1.01	.99	1
total*number_ Construction*number_	414, 147 262, 375	183,886	323, 374 176, 050	290, 523 151, 385	130, 539	202, 884 97, 089	200, 451 80, 674	227, 586 94, 200	287, 478 144, 173	209, 835	423, 466 258, 103	435, 971 271, 015	274, 0
total* number. Construction* number. Maintenance* number. Federal civilian employees:	151,772	156, 187	147, 324	139, 138	121, 690	105, 795	119, 777	1 3 3, 386	143, 305	164, 356	165, 363	164, 956	158, 8
United States*number_ Washingtonnumber_ Railway employees, class I*thousands_	871, 253 114, 611		831, 453 110, 009			840, 183 111, 954	835, 087 112, 304		846, 279 115, 073	853, 439 116, 857	859, 836 117, 103	866, 141 116, 022	869,
Railway employees, class I*thousands_ Trades-union members employed:		1,013	1,021	1,001	987	991	1,042	1,032	1,061	1,080	1,089	1, 097	1,
All trades percent of total	a 87		80	80	77	78	78	79	82		83	83	[
Metal trades*percent of total_	. 76 88	80	53 81	81		83	48 83	83	59 85	86	88	73 89	
Printing trades*percent of total_ All other trades*percent of total_	a 89	84	86 85	84	81	82	83	83	88 85	86	88 85	88 84	
Building trades* — percent of total. Metal trades* — percent of total. Printing trades* — percent of total. All other trades* — percent of total. On full time, all trades percent of total. LABOR CONDITIONS	4 66	59	59	58	55	5 6	57	58	61	61	60	64	
Hours of work per week in factories:*†¶ Actual, average per wage earnerhours.	40.6	37.7	38. 5	38.6	38.7	38. 4	38. 1	38.7	39. 5	39. 4	39. 4	39. 2	4
Industrial disputes in progress during month:]	00.0	00.0		00.1	00.1		05.0		00.1		1 -
Number of disputes	7 345	311	332	274	210	247	a 247	301	a 298	4 318	a 274	⊅ 299	νοο1
Man-days lostnumber_ Workers involvednumber_	p 125, 000	514, 427	133, 742	100, 732	660, 911 61, 782	58, 583	489, 768	1, 330, 788 122, 301	93, 886	a 120, 969	a 129, 381	₽ 122, 000	₽118,
Employment Service (United States):* Applications:		l											
In active file⊗†number_ Newnumber_	6, 837, 054 355, 538	^a 8,747,852 ^a 691, 853	48,796,750 4 656, 741	a 550, 457	⁴ 9,025,963 ⁴ 501, 194	49,083,717 433, 585	49,252,657 4 355, 327	^a 9,312,517 ^a 364, 758	49,044,859 4 300, 516	a8,812,299 295, 812	46,498,076 370, 233	"6,726,328 " 395, 567	a 6,823
Placements:	1	a 396, 340	a 561, 717	a 684, 329	a 799, 927	a 522, 762		l		468, 588	473, 141	a 437, 837	a436,
Number†number_ Per active applicantnumber_ Labor turn-over:†	.064	.045	.064	.081	.089	.058	.042	a. 047	.050	.053	.073	.065	a.
Accessions percent of no. on pay roll. Separations:	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
Dischargedpercent of no. on pay roll. Laid offpercent of no. on pay roll.	. 26 1. 47	. 19	. 21 2. 03						. 21 1. 92	. 20 2, 06	. 23 1. 92		
Voluntary quits		ı					1						i
percent of no. on pay roll. PAY ROLLS											1	i	1
Factory unadj. (B. L. S.) * 1923–25=100 Durable goods group * 1923–25=100	- 81. 0 73. 2		74.3 65.1	73. 7 • 66. 7	75.6 468.3								
from and steel and products $1923-25=100$.	1	62.7	65. 5	65. 1	68. 8	64.4	65, 2	69. 9	73. 9	76. 9	78. 5	75. 8	80
Blast furnaces and steel works 1923-25=100	_ 86. €	1	i	ļ		1		73. 8	79. 2	82. 5		1	ع ه ا
Structural and metal work 1923-25=100	71. 5	i	i		1	1		1		1	1		ì
Tin cans, etc. $1923-25=100$. Lumber and products. $1923-25=100$.	. 119. (105.7		91. 5	91. 5	90.9	86.1	94.5	94. 3	98. €	102. 1	102. 4	0 11
Furniture	_ 71.8	60. 2 40. 8	63.0	59. 3	58.4	51.8	54.3	55.7	56. 2	56.7	59. 3	60. 8	6
Sawmills 1923-25 = 100	.1 31.6	29.4	29.5	26. 5	25. 9	25, 2	24.4	1 28.0	29. 7	7 31. 3	31.4	1 30.0	3 (3
Turpentine and rosin1923-25=100_ Revised. Pr	. 59.2 eliminary.						i 55.2 reporting		57.0		ll 58.6 not avail		81 5

e Revised.

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applications in active file, 7,562,206, new applications, 863,930, placements, 283,760; August 1935, applications in active file, 8,271,774, 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.

A 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.

S 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.

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Monthly statistics through December, 1931, together with explanatory footnotes and refer-	1936		19	35					19	36			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August
EMPI	OYM	ENT (COND	ITIO	NS AN	D W	AGES	Con	tinue	d.			
PAY ROLLS—Continued						_							
Factory unadjusted—Continued. Durable goods group—Continued.													
Machinery 1923-25=100. Agricultural implements 1923-25=100.	89. 4 102. 0	75. 2 136. 8	78. 4 136. 1	78. 9 145. 0	80. 7 155. 2	78. 3 162. 0	79. 2 165. 3	82. 2 171. 0	86.3 172.5	89.6 168.8	90. 6 156. 5	87. 6 130. 5	a 88.
Electrical machinery, etc. 1923-25=100. Foundry and machine shop products	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.
1923-25=100 Radios and phonographs. 1923-25=100	80.7 168, 5	62. 2 166. 3	64. 6 185. 8	65. 3 179. 8	68. 5 143. 7	66. 7 126. 2	68. 3 114. 0	71. 6 109. 7	75. 4 118. 0	78, 4 141, 9	79.6 162.0	77. 4 149. 9	a 79.
Metals, nonferrous §1923-25=100 Aluminum manufactures §	83. 6	70.9	78. 4	78.5	79.4	72.7	72.4	73.9	74. 0	75. 2	76. 1	73.6	a 79.
1923-25=100 Brass, bronze, copper products	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.
1923-25=100 Stamped and enameled ware §		65.8	72.5	72.9	73. 4	71. 3	70. 3	69. 9	70.8	73. 3	73. 2	72.3	78.
1923-25=100. Railroad repair shops1923-25=100	96. 2 60. 8	89. 8 49. 1	99. 9 53. 1	101. 0 54. 5	102. 8 57. 1	90. 8 52. 2	90. 7 57. 8	96. 4 63. 1	101. 1 60. 6	97. 3 61. 6	98.8 62.3	91. 9 58. 0	a 98. (
Electric railroads 1923-25=100. Steam railroads 1923-25=100.	60. 8	59, 1 48, 5	60. 0 52. 7	59. 3 54. 2	61. 8 56. 9	60. 8 51. 7	62, 5 57, 6	63. 6 63. 2	62. 5 60. 6	62. 7 61. 6	61. 9 62. 4	61. 7 57. 8	a 61.3
Stone, clay, and glass products 1923-25=100	51.3	42.2	44.5	43. 9	44.6	38. 0	38. 7	43. 5	46. 9	49. 3	49.5	48. 8	a 51.
Brick, tile, and terra cotta	31. 4	22.5	24. 0	23. 4	23, 3	20.0	19, 4	22. 4	25.8	29. 5	31.4	31.3	a 32.
Cement 1923-25=100. Glass 1923-25=100.	49. 3 91. 3	35. 2 85. 6	35. 1 90. 9	33. 3 91. 2	31, 1 94, 2	23. 4 82. 3	23. 8 83. 8	31. 8 89. 1	38. 3 92. 1	44.0 93.0	45. 5 91. 9	46. 9 89. 1	a 48.
Transportation equipment 1923-25=100. Automobiles	76. 8 76. 7	60. 0 64. 6	78. 6 87. 5	92, 1 104, 5	92. 9 103. 8	86. 2 95. 7	77. 8 83. 9	87. 7 94. 4	100. 8 109. 1	102. 4 111. 1	99. 5 107. 1	93. 3 99. 5	a 82. 3
Cars, electric and steam 1923-25 = 100. Shipbuilding 1923-25 = 100. Nondurable goods group* \$-1923-25 = 100.	71. 9 93. 0	31. 0 65. fi	38. 7 70. 4	44. 6 72, 5	51. 9 77. 2	47. 9 77. 2	51. 7 75. 3	59. 8 85. 0	68. 1 95. 6	67. 2 95. 6	70. 2 91. 8	65. 7 92. 5	a 75.
Chemicals and products1923-25=100	91. 0	4 87. 0 99. 0	^a 86. 1 100. 6	82. 7 99. 1	4 85. 2 100. 8	4 82. 3 97. 9	97.5	4 84. 7 102. 4	83.3 101.3	83. 4 102. 9	83. 3 102. 6	85. 2 103. 5	a 91.
Chemicals	115. 7 100. 8	98. 8 97. 3	100, 1 09, 9	101. 9 94. 7	102, 1 97, 2	99. 7 95. 3	99. 9 94. 2	103. 0 100. 0	$104.9 \\ 98.0$	107. 0 95. 9	108. 9 93. 3	110. 5 94. 6	a 113. 1 98. 1
Paints and varnishes 1923-25 = 100. Petroleum refining 1923-25 = 100.	100. 2 106. 5	89, 5 102, 8	94. 8 102. 2	94. 0 98. 8	93. 7 104. 0	91. 8 99. 5	93. 5 98. 5	95. 9 103. 0	100.7 101.7	106. 0 103. 4	106. 6 105. 6	100. 4 107. 8	a 100.
Rayon and products1923-25=100 Food and products1923-25=100	286. 6 112. 7	264. 1 105. 5	263, 5 98, 0	263, 3 91, 9	268. 0 90. 5	264. 4 87. 3	260. 8 84. 7	267. 3 87. 5	254. 9 87. 7	259. 0 92. 7	262. 4 95. 8	272. 8 103. 6	a 284.
Baking	109. 0 204. 3	101. 6 171. 0	100.8 157.7	99. 7 151. 2	99. 4 147. 4	99. 0 147. 0	99. 8 143. 3	100. 9 162. 4	100. 4 168. 0	104. 1 192. 9	106. 0 198. 6	106. 9 239. 7	a 107.
Slaughtering, meat packing 1923-:5=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_ Boots and shoes 1923-25=100_	77. 7 70. 6	76. 9 71. ï	73. 8 65. 9	66. 6 56. 1	75. 4 66. 7	79. 1 72. 7	79.8 74.5	75. 5 69. 7	69. 9 62. 4	65, 9 56, 8	66. 7 58. 2	76. 5 70. 8	a 82.8
Leather 1923-25 = 100 Paper and printing 1923-25 = 100	100, 5 93, 1	95. 2 86. 2	99. 4 88. 2	101. 4 88. 0	103.7 91.8	99. 7 88. 2	96. 6 88. 9	93. 8 90. 5	94. 5 91. 1	95. 9 91. 9	94. 6 90. 5	94. 7 87. 7	a 90, (
Paper and printing 1923-25=100. Paper and pulp 1923-25=100. Rubher products 1923-25=100.	96. 0 86. 0	90. 7 68. 8	93. 3 70. 8	91. 7 70. 3	94. 4 74. 5	91. 7 70. 2	93. 4 69. 8	94. 9 63. 0	96. 2 74. 0	97. 0 76. 8	95. 8 79. 0	93. 2 77. 0	a 97.
Rubber tires and tubes_1923-25=100_ Textiles and products1923-25=100_	79. 6 82. 6	59.0 84.6	59. 0 84. 5	59. 9 79. 7	63. 8 81. 9	59. 9 79. 1	60. 2 81. 1	47. 4 84. 3	63. 2 80. 0	68. 2 77. 0	70. 9 75. 7	70. 0 76. 2	a 78.
Fabrics	81. 5 79. 9	80. 4 87. 8	83. 3 81. 8	82. 6 69. 2	85. 3 70. 5	80. 0 72. 6	79. 9 78. 6	80. 0 87. 6	78. 3 78. 7	76. 4 73. 8	76. 5 69. 6	78. 4 67. 4	84. a 84.
Factory by cities:	51. 4	49.4	50. 5 80. 4	48.9	49.6	41.7	43.4	44.9	42.6	46.8	48.3	49. 2	51. 5
Battmore 1929-31 = 100 Chicago 1925-27 = 100	95. 9 58. 4	81.6 48.8	49.6	79.3 48.9	80. 0 50. 6	78. 1 51. 2	80. 3 51. 1	80. 9 52. 2	85. 4 52. 3	91. 3 54. 2	92. 9 55. 7	92. 7 56. 4	^a 85. 3
New York* 1925-27 = 100 Philadalahian	90. 3 69. 0	82. 6 67. 1	82. 7 66. 7 81. 0	84. 5 63. 4 79. 7	86.7 64.5 80.4	84. 5 63. 6	81, 2 63, 9 78, 2	87. 0 69. 1	89. 3 65. 0	89. 5 63. 4	91. 5 61. 2	87. 6 62. 4	89. 5 68.
Factory by cities: Baltimore* 1929-31=100 Chicago* 1925-27=100 Milwaukee* 1925-27=100 New York* 1925-27=100 Philadelphia*f 1928-25=190 Pittsburgh*f 1923-25=100 Factory by States:	87. 7 98. 3	79. 6 67. 0	76. 2	74. 5	74. 5	78. 2 71. 4	73. 9	80. 0 75. 5	76. 8 88. 7	79. 8 90. 3	81. 1 94. 4	82. 1 93. 3	4 88.3 4 96.0
Pactory by Staes: Delaware†	91. 7 66. 9	70. 5 55. 6	70. 4 56. 9	69. 2 56. 5	72, 3 58, 4	71. 9 57. 4	70, 5 58, 3	69. 9 60. 8	70. 8 61. 3	73. 5	76. 9 64. 4	79.4	87. 6 66. 4
Maryland* 1929-31 = 100 - 1925-37 = 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 10	85. 5 70. 3	85. 5 64. 8	84. 9 65. 9	82. 5 62. 4	83. 9 66. 8	81. 9 64. 8	83, 3 65, 9	84. 4 65. 3	88. 4 66. 0	62. 8 93. 2	94.3	63.8 94.2	a 89.4
New Jersevt	71. 8 72. 3	64. 8 65. 9	67. 6 66. 3	68. 1 64. 3	68. 1 65. 9	65. 2 64. 4	65, 0 64, 5	66. 4 67. 2	67. 4 66. 4	65. 4 68. 8	64. 0 70. 0 66. 3	66. 6 69. 4	70. 72. (71. (
New York 1925-27=100. Pennsylvania† 1923-25=100. Wisconsin 1925-27=100	82. 5 82. 7	65. 0 78. 1	70.3 77.1	68. 5 75. 8	68. 3 77. 3	66. 0 75. 2	67. 2 74. 0	69. 0 79. 2	72. 8 79. 0	66. 6 74. 4 80. 4	76. 2 81. 8	67. 5 • 76. 7 79. 7	4 81. 3 82. 6
Wisconsin 1925-27 = 100. Nonmanufacturing (B. L. S.): Mining:	02.1	10.1	1	10.0	0	10.2	,,,,	13.2	10.0	30.4	01.0	19.1	82. (
Anthracite 1929=100 Bituminous coal 1929=100	34. 9 71. 0	38. 2 60. 1	55. 9 69. 8	28. 4 65. 5	55. 4 69. 5	54. 4 70. 6	76. 7 78. 4	42. 6 70. 2	28. 6 62. 6	56. 3 62. 2	42. 0 61. 5	37.2 62.6	31. 4 65. 8
Metalliferous1929==100 Petroleum, crude production	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
$1929=100.$ Quarrying and nonmetallic_ $1929=100.$	60. 1 44. 6	60. 9 35. 4	57. 9 36. 5	57. 2 32. 1	59. 9 29. 7	55. 7 25. 5	55. 7 23. 9	56. 0 30. 9	57. 1 36. 1	58. 0 42. 1	58.9 44.0	60. 7 43. 9	60. 6 46. 2
Public utilities: Electric light and power and manu-						ĺ			İ				41/1- 4
factured gas	90. 6 66. 5	84. 5 64. 0	84. 4 64. 1	83. 4 63. 8	86. 0 66. 1	84. 8 65. 0	84. 7 68. 3	85. 9 67. 8	86. 2 65. 9	87. 0 66. 1	88. 1 66. 8	89. 8 66. 5	89. 9 66. 4
Telephone and telegraph1929=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. (
Retail†	66. 6 70. 6	62. 5 67. 2	63, 2 66, 8	63. 4 66. 9	69. 3 68. 6	62. 1 66. 6	61. 6 66. 6	63. 5 69. 0	65. 3 67. 9	65. 8 68. 2	66. 4 68. 4	65. 1 69. 0	64. 4 69. 6
Miccellaneous.		63. 1	61. 1	55. 4	52.9	51, 6	49.0	56. 4	64. 1	72, 2	69. 2	64.8	63. 2
Dyeing and cleaning * †	66. 8 76. 6	63. 1 67. 9	64. 3 67. 1	64. 8 66. 7	64. 2 67. 5	64. 9 68. 3	66. 5 67. 8	66. 0 69. 9	66. 3 70. 9	67. 0 75. 6	66. 6 75. 8	66. 0 79. 0	66. 0 76. 5

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1936		19	35					193	6			
ogether with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	Мау	June	July	August
EMPI	LOYM	ENT (COND	OITL	IS AI	ND W.	AGES	-Con	tinue	d			
WAGES-EARNINGS AND RATES													
Factory, weekly earnings (25 industries):*♂ All wage earnersdollars.	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 semiskilleddollars.	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 dellars Female dollars	20. 28 15. 87	18. 68 15. 55	19. 33 15. 59	19. 46 15. 59	19.40 15.72	19. 01 15. 12	18. 68 15. 38	19. 14 15. 24	19. 60 15. 15	19.67 14.98	19.74 15.00	19. 56 15. 14	20. 04 15. 93
All wage earners 1923 = 100 Male:	94.4	84. 7	86. 9	87.6	87. 9	87. 9	87.0	89. 0	91. 4	91.7	91.9	91. 1	92. 7
Skilled and semiskilled1923 = 100 _	91.4	81. 1 83. 8	83. 8 86. 8	84. 6 87. 3	85. 4 87. 1	85. 7 85. 3	84. 6 83. 8	85. 8 85. 9	88. 2 88. 0	88. 7 88. 3	88. 6 88. 6	87. 2 87. 8	89. 2 89. 9
Unskilled 1923 = 100- 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 indus- tries):*†♂		l	1										
All wage earnersdollars.	- 619	. 601	. 602	. 605	. 604	. 608	. 608	.611	.613	.616	.617	. 617	. 616
Skilled and semiskilleddollars_ Unskilleddollars_	687 496	.665 $.492$. 665	. 667	.667	. 673 . 492	. 674	. 676	. 680 . 496	. 684	. 685 . 496	. 684 . 498	. 683
Femaledollars.	430	. 435	.435	. 435	. 433	. 431	. 430	. 429	.430	.432	.429	.428	. 429
Factory, weekly earnings, by States: Delaware	81.0	77.3	80. 1	82. 5	85. 1	84. 4	83. 4	83. 1	84. 6	85.8	85.8	84.4	a 82. 2
Hinois 1925-27 = 100 Massachusetts*† 1925-27 = 100 100 25 = 100	83.1	79. 2 86. 8	80.9 86.1	80. 0 81. 8	82. 2 87. 4	81. 7 87. 1	81. 9 87. 4	84. 2 87. 2	83. 5 88. 5	84. 2 88. 3	85.0 87.2	84. 1 88. 3	84. 4 89. 6
New York 1923 25=100 New York 1925-27=100	_ 90.4	92. 7 85. 7	94. 2 85. 2	94.°4 83. 7	96. 2 86. 4	95. 4 85. 7	95. 4 85. 6	97. 1 87. 0	97. 9 85. 7	99. 0 85. 9	98.6 86.3	98. 5 87. 2	99. 5 89. 0
Pennsylvania1923-25=100_	. 93.4	82.9	87.1	86.0	86.3	85. 0	85. 9	87.7	91. 9	92. 6 87. 7	93. 2	91.5	95.0
Wisconsin1925-27=100_ Miscellaneous data:	86.3	85.9	84.8	84.5	87.9	86. 2	83. 4	88. 4	87.9	01.1	88.0	83. 2	89. 4
Construction wage rates:*§ Common labor (E. N. R.)_dol. per hour_	. 569	. 529	. 529	. 528	. 528	. 547	. 547	. 547	. 552	. 558	. 564	. 554	. 569
Common labor (E. N. R.).dol. per hour. Skilled labor (E. N. R.).dol. per hour. Farm wages, without board (quarterly)	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
dol. per month.		30. 38	667	.682	28 . 63	.682	. 695	30.87	. 670	.670	32. 21		
Railways, wages (average)*_dol. per hour. Road-building wages, common labor:#		. 678	.667		.686		i	.676	1		. 663	.664	. 665
United Statesdol. per hour_ East North Centraldol. per hour_	. 58	. 42	.42	. 55	.41	. 40	. 38	.37 .62	.38	.42	. 42 . 54	. 42	. 41
East South Centraldol. per hour- Middle Atlanticdol. per hour-	.31	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	. 30
Mountain Statesdol. per hour New Englanddol. per hour	. 56	. 57 . 46	.57	. 57 . 47	. 56	.55	.54	. 55	.55	. 57	. 56	. 56	. 57
Pacific Statesdol. per hour	56	. 57	. 58	. 59	.60	.60	. 57	. 59	. 57	. 55	. 55	. 54	. 51
South Atlanticdol. per hour_ West North Centraldol. per hour_	. 32	. 31 . 47	.32	.32	.33	.31	. 33	. 32 . 47	.33	. 34	.33	. 33	. 32
West South Centraldol. per hour_ Steel industry:	- 34	.36	.36	.36	.36	. 37	.36	.36	.37	. 36	. 36	.36	.34
U. S. Steel Corporation⊗dol. per hour_ Youngstown districtpercent base scale.	. 485 115. 0	. 485 115. 0	. 485 115. 0	. 485 115. 0	. 485 115. 0	. 485 115. 0	. 485 115. 0	. 485 115. 0	. 485 115. 0	. 485 115. 0	. 485 115. 0	. 485 115. 0	. 485 115. 0
				FIN.	ANCE	·		·	•			<u>'</u>	·
BANKING		<u> </u>											
Acceptances and com'l paper outstanding:				20-		-							
Bankers' acceptances, total_mills, of dol_ Held by Federal Reserve banks:	315	328	363	387	397	384	377	359	344	331	316	316	308
For own accountmills. of dol. For foreign correspondents	-												
mills. of dol. Held by group of accepting banks, total	-												
mills, of dol_	_ 276		339	358	368	353	340	321	310	297	276	278	279
Own billsmills. of dol_ Purchased billsmills. of dol_	_ 137	148 154	178 161	182 175	183 185	181 172	172 168	150 171	143 167	$\frac{155}{142}$	129 147	131 147	140 139
Held by othersmills. of dol_ Com'l paper outstandingmills. of dol_	- 39 197	27 183	180	29 178	29 172	31 178	37 176	38 180	34 174	34 184	40 169	37 188	29 205
Agricultural loans outstanding: Farm mortgages:												100	
Federal land banksmills of dol. Joint stock-land bankstmills. of dol.	2,068	2, 047 190	2, 059 184	2,066 180	2,072	2,066 170	2, 059 166	2,060	2,062 158	2,063	2,064	2, 065	2, 067
Land-bank commissioner - mills, of dol.	- 834	765	777	786	176 795	803	811	162 818	823	154 827	151 827	147 829	145 832
Federal intermediate credit bank loans to and discounts for:	1					Į							
Regional agricultural credit corp's and production credit ass'nsmills. of dol.	139	115	101	100	105	105	111	123	133	140	144	146	144
All other institutionsmills. of dol. Other loans:	48	60	53	50	49	48	49	50	52	53	53	53	53
Agricultural marketing act revolving		1											
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_ Emergency crop loans*mills. of dol_	. 56		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. Regional ag. credit corp.*.mills. of dol.	122		93 52		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 36 35 33 **

Revised.

Revised.

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.

Sconstruction wage rates as of October I, 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.

1Joint-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; (actory hourly earnings for January 1922-December 1931), p. 18, December 1932; weekly earnings Massachusetts for January 1922-Ducember 1931, p. 18, December 1932. 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 1932 will be shown in a subsequent issue.

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

Basic rate for common labor.

Monthly statistics through December 1931,	1936	i	19	35					19	36			
together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August
			FINA	NCE-	-Cont	inued	<u> </u>						
BANKING—Continued													
Bank debits, total mills. of dol. New York City mills. of dol. Outside New York City mills. of dol. Brokers' loans:	33, 248 15, 656 17, 592	29, 031 14, 014 15, 017	32, 577 15, 733 16, 844	32, 227 15, 542 16, 685	36, 360 17, 684 18, 676	35, 424 17, 925 17, 499	31, 572 15, 806 15, 766	37, 4 96 19, 629 17, 867	34, 783 17, 286 17, 497	33, 225 16, 227 16, 998	37, 505 18, 623 18, 882	34, 816 16, 199 18, 617	31, 469 14, 369 17, 106
Reported by N. Y. Stock Exchange mills of dol Ratio to market valuepercent By reporting member banks:	971 1. 76	781 1. 93	792 1.84	846 1.88	938 2. 00	925 1, 84	924 1.81	997 1. 93	1, 064 2. 23	970 1. 94	989 1. 94	967 1. 79	97 ² 1. 79
To brokers and dealers in N. Y.* mills. of dol To brokers and dealers outside N. Y.*	972	846	779	850	980	893	898	990	1,032	1, 154	973	907	958
Federal Reserve banks: Assets, total	222 11, 862	169 9, 872	152 10, 416	173	183 11,026	171 11, 0\$8	171	220 11, 127	209 11, 184	238 11, 266	253 11, 574	220 11,629	205 11, 621
Reserve bank credit outstanding mills, of dol	2,473	2,477 5	2, 482 5	2, 480	2, 486 5	2,479 5	2, 482 5	2, 473 5	2, 475 5	2, 474 3	2, 473 3	2, 462 3	2, 470
Bills bought mills. of dol Bills discounted mills. of dol United States securities. mills. of dol Reserves, total mills. of dol Cold reserves mills. of dol Liabilities, total mills of dol Deposits, total mills of dol Member bank reserves mills. of dol Excess reserves (est.) mills. of dol Notes in circulation mills of dol Neserve ratio percent Federal Reserve reporting member banks.	2, 430 8, 659 8, 397 11, 862 6, 844 6, 357 1, 840 4, 049 79, 5	10 2,430 6,838 6,633 9,872 5,613 5,254 2,600 3,474 75.3	2, 430 7, 285 7, 053 10, 416 5, 999 5, 648 2, 970 3, 532 76, 4	6 2, 430 7, 566 7, 347 10, 780 6, 166 5, 835 3, 100 3, 647 77, 1	5 2, 431 7, 835 7, 571 11, 026 6, 386 5, 587 2, 844 3, 709 77. 6	9 2, 430 8, 006 7, 668 11, 088 6, 617 5, 860 3, 084 3, 633 78, 1	7 2, 430 8, 021 7, 685 11. 094 6, 535 5, 784 2, 986 3, 732 78. 1	8 2, 430 8, 027 7, 680 11, 127 6, 497 5, 087 2, 305 3, 764 78. 2	5 2, 430 8, 049 7, 717 11, 184 6, 524 5, 486 2, 664 3, 762 78. 3	5 2, 430 8, 132 7, 837 11, 266 6, 574 5, 719 2, 866 3, 795 78. 4	4 2, 430 8, 385 8, 119 11, 574 6, 585 5, 633 2, 717 4, 034 79. 0	4 2, 430 8, 503 8, 210 11, 629 6, 758 6, 005 3, 029 3, 978 79, 2	2, 430 8, 579 8, 312 11, 621 6, 800 6, 410 1, 950 4, 018 70, 3
Deposits: Demand, adjusted timells. of dolutine mills. of dolutine mills. of dolutinest ments. Investments	15, 116 5, 063 13, 929	13, 2 46 4, 890 12, 390	13, 598 4, 899 12, 476	14, 018 4, 872 12, 480	13, 887 4, 911 12, 646	14, 017 4, 888 12, 996	14, 090 4, 900 13, 047	13, 578 4, 909 13, 229	14, 258 5, 047 13, 452	14, 580 5, 035 13, 522	14, 679 5, 011 14, 159	14, 850 5, 015 14, 084	14, 867 5, 032 13, 809
U. S. Gov., total direct obligations* mills. of dol	9, 336	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. Other securities*mills. of dol. Loans. total	1, 256 3, 337 8, 753	1, 094 3, 113 8, 030	1, 133 3, 166 7, 902	1, 137 3, 042 8, 152	1, 126 3, 052 8, 249	1, 172 3, 169 7, 999	1, 201 3, 156 7, 959	1, 265 3, 321 8, 392	1, 281 3, 369 8, 343	1, 305 3, 308 8, 626	1, 289 3, 360 8, 460	1, 272 3, 356 8, 294	1, 236 3, 310 8, 454
mills. of dol.	311 1, 139 112 3, 242 3, 949	324 1, 144 87 3, 095 3, 380	329 1, 146 81 3, 006 3, 340	353 1, 140 150 3, 108 3, 401	362 1, 136 76 3, 274 3, 401	360 1, 142 65 3, 128 3, 304	349 1, 146 66 3, 117 3, 281	352 1, 144 88 3, 313 3, 495	346 1, 141 67 3, 304 3, 485	315 1, 147 92 3, 486 3, 586	315 1, 145 62 3, 319 3, 619	319 1, 144 58 3, 173 3, 600	318 1, 145 65 3, 177 3, 749
Acceptances, bankers' primepercent_ Bank rates to customers:*	3/16	3/8	1/8	18	}∕8	₹8	3/8	3/8	1∕8	3/8	148	1/8-3/16	310
In New York Citypercent_ In eight other northern and eastern	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
citiespercent In twenty-seven southern and western	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
cities	4, 29 1, 00 34 1, 50 4, 00 2, 00 114	4. 51 • 25 • 34 1. 50 4. 00 2. 00	4, 55 · 29 · 34 1, 50 4, 00 2, 00 · 34	4. 51 . 75 34 1. 50 4. 00 2. 00	4. 55 . 75 . 34 1. 50 4. 00 2. 00	4.47 • 75 • 84 1.50 4.00 2.00	4. 51 .75 .34 1. 50 4. 00 2. 00	4. 44 . 75 . 34 1. 50 4. 00 2. 60	4. 40 . 75 34 1. 50 4. 00 2. 00	4. 43 . 93 34 1. 50 4. 00 2. 00 1-134	4, 39 1, 00 34 1, 50 4, 00 2, 00 1,4	4. 35 1. 00 34 1. 50 4. 00 2. 00 114	4. 25 1. 00 34 1. 50 4. 00 2. 00 1)4
New York State Savings banks mills. of dol	5, 223	5, 179	5, 161	5, 154	5, 187	5, 177	5, 177	5, 204	5, 175	5, 165	5, 210	5, 197	5, 197

*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 bank rates to customers see p. 19 of the March 1936 issue. For new series on interest rates of Federal land hanks 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. 1Method 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 1935-August 1935 were incorrectly shown in the October 1933 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 19

12

1,201,304 286, 588

10 40

18

12

1,207,971 243,702

8

1,213,765 224, 497

17

1,215,811 220,578

5 37 12

13

1,215,173 216, 124

1,214,095 211, 251

7 6

17

13

1,231,646 203,010 1,244,232 155,028

639 34 42

131

37

8 5

1,249,214 149, 132

 $\begin{array}{c} 655 \\ 37 \\ 36 \\ 104 \\ 6 \\ 30 \\ 6 \\ 1 \\ 6 \\ 2 \\ 7 \end{array}$

10

number...

U. S. Postal Savings:

Bal. to credit of depositors thous of dol.

Bal. on deposit in banks_thous of dol_

FAILURES &

Grand total_____number_ Commercial service, total____number_

Commercial service, total...number
Construction, total...number
Manufacturing, total...number
Chemicals and drugs...number
Foods...number
Forest products...number
Iron and steel...number
Leather and leather products...number
Machinery...number

Commercial failures:

.250.720

143 9 45

12

1,191,677 318, 513

1,196,427 305, 778

1, 056 58

 $\frac{74}{210}$

6 57 16

 $^{6}_{13}$

10 12

13

1,198,966 293,598

10 11

10

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1936		19	35					193	36			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July	August
			FINA	NCE-	-Cont	inued							
FAILURES;—Continued			1										
Commercial failures—Continued. Grand total—Continued. Manufacturing, total—Continued. Stone, clay, and glass products													
Textiles number number Textiles number number Miscellaneous number Wholesale trade, total number Retail trade, total number Liabilities:	1 20 2 10 69 328	1 30 2 17 71 489	5 48 6 18 81 633	5 39 3 23 65 559	6 47 1 28 75 548	5 39 4 25 89 704	1 30 2 21 98 544	7 27 3 23 88 602	48 2 18 93 506	1 26 8 21 72 533	2 27 1 20 72 479	22 2 22 67 365	2 18 3 13 70 408
Grand totalthous. of dol Commercial service, total. thous. of dol Construction, totalthous. of dol Manufacturing, totalthous. of dol Chemicals and drugsthous. of dol Foodsthous. of dol Forest productsthous. of dol Fuelsthous. of dol Iron and steelthous. of dol	9,819 557 1,148 3,212 148 487 377 45 190	17, 002 2, 602 1, 185 2, 840 260 1, 029 71 58 65	17, 185 1, 187 2, 792 4, 984 122 1, 038 1, 026 77 210	14, 384 731 2, 948 3, 954 442 967 195 4 52	15, 686 2, 969 1, 971 4, 358 196 645 905 831 198	18, 104 1, 867 2, 435 5, 834 184 1, 588 925	14,089 404 1,819 3,360 12 1,164 340 99 227	16, 271 650 4, 484 4, 371 21 707 248 21 90	14, 157 567 1, 570 4, 959 108 762 169 122 154	15, 375 494 4, 816 2, 709 90 389 264 94 124	9, 177 638 1, 050 2, 541 95 509 394 78 162	9, 904 1, 314 1, 873 2, 347 51 329 62 84 586	8, 271 502 1, 498 1, 852 225 340 209 35 112
Leather and leather products thous. of dol Machinerythous. of dol	208 403	$\frac{275}{30}$	175 168	143 404	71 128	403 61	49 125	51 218	140 93	108 128	244 228	128 129	205
Paper, printing, and publishing thous. of dol Stone, clay, and glass products	258	94	466	129	186	102	246	322	1,020	374	147	112 94	176
thous. of dolthous. of dolthous. of dolthous. of dol	848	8 617	268 1, 171	63 715	109 763	265 1,779	828	146 568	808 625	406	356	373 83	253 101
thous. of dol_ thous. of dol_ Retail trade, totalthous. of dol_ Wholesale trade, totalthous. of dol_	27 216 1,511 3,391	132 201 8, 539 1, 836	68 195 5, 904 2, 318	353 487 5, 371 1, 380	10 316 4,777 1,611	72 360 6, 245 1, 723	12 254 6, 651 1, 855	47 407 5, 503 1, 263	110 848 5, 581 1, 480	517 211 5, 933 1, 423	8 313 3, 535 1, 413	316 3, 197 1, 173	151 3, 255 1, 164
LIFE INSURANCE													
(Association of Life Insurance Presidents) Assets, admitted, total† mills. of dol. Mortgage loans mills. of dol. Farm. mills. of dol. Other mills. of dol.		4,445 818	a18, 804 a 4, 431 a 817 a 3, 614	a18, 922 a 4, 408 a 809 a 3, 600	a19,008 a 4,377 a 804 a 3,572	a19, 139 a 4, 349 a 796 a 3, 553	419, 233 44, 313 4786 3, 527	a19, 354 a 4, 279 a 773 a 3, 506	a19, 435 a 4, 256 a 765 a 3, 491	a19, 539 a 4, 234 a 759 a 3, 475	a19, 640 a 4, 220 a 752 a 3, 468	^a 19,775 ^a 4, 198 ^a 746 ^a 3,452	419, 875 44, 188 4739 43, 449
Other mills of dol Bonds and stocks held (book value) mills. of dol. Government mills. of dol Public utility nills. of dol Railroad mills. of dol Other mills. of dol Policy loans and premium notes		a 3, 367 a 1, 960 a 2, 629	a 8, 802 a 3, 495 a 1, 978 a 2, 631 a 698	a 8, 893 a 3, 549 a 2, 026 a 2, 618 a 700	a 9, 110 a 3, 781 a 1, 996 a 2, 592 a 740	a 9, 191 a 3, 869 a 1, 980 a 2, 600 a 742	a 9, 211 a 3, 886 a 1, 969 a 2, 598 a 758	a 9, 412 a 4, 018 a 2, 022 a 2, 608 a 764	a 9, 508 a 4, 076 a 2, 043 a 2, 629 a 760	a 9, 639 a 4, 170 a 2, 049 a 2, 651 a 770	4 9, 794 4, 293 2, 060 2, 657 786	4 9, 908 4 4, 352 2 2, 105 2 2, 635 4 816	a10, 015 a 4, 419 a 2, 130 a 2, 643 a 823
mills. of dol Insurance written:† Policies and certificatesthousands	952	^a 2, 770 941	4 2, 761 1, 228	2,749 1,046	2,741 1,033	2, 731 948	995	2, 713 1, 149	2,705 1,113	2,699 1,096	2, 690 1, 080	a 2, 676 1, 045	2, 667 1, 003
Group. thousands Industrial thousands Ordinary thousands Value, total thous, of dol Group thous, of dol Ordinary thous, of dol Ordinary thous, of dol Ordinary thous, of dol Ordinary thous, of dol	30 725 198 630, 831 35, 601	20 716 204 569, 418 22, 501 190, 044 356, 873	26 934 267 724, 413 31, 338 233, 988 459, 087	25 775 246 696, 074 36, 981 207, 408 451, 685	782, 250 74, 606 187, 874 519, 770	30 703 215 678, 006 40, 981 193, 344 443, 681	24 769 202 661, 473 30, 498 212, 055 418, 920	32 890 227 772, 355 56, 213 246, 010 470, 132	30 868 216	747 821 229 749, 374 59, 130 230, 465 459, 779	37 805 238 767, 978 42, 095 233, 333 492, 550	55 767 224 4749, 491 79, 323 220, 672 449, 496	29 771 202 a668, 638 39, 540 221, 692 a407, 406
Premium collections† thous. of dol. Annuities thous. of dol. Group thous. of dol. Industrial thous. of dol. Ordinary thous. of dol.		^a 223, 811 ^a 24, 446 ^a 8, 527 ^a 53, 941 ^a 136, 887	48, 546 449, 790	4 8, 515 4 54, 002	a 64, 250 a 10, 682 a 94, 212	a 51, 896 a 10, 836 a 53, 805	^a 25, 558 ^a 9, 451 ^a 56, 245	9,790 58,223	a248, 049 a 30, 487 a 10, 679 a 47, 959 a158, 924	4 9, 365 4 9, 365 4 55, 009	^a 251, 841 ^a 27, 571 ^a 9, 700 ^a 58, 926 ^a 155, 644	a255, 954 a 32, 673 a 10, 047 a 51, 522 a161, 712	^a 235, 996 ^a 26, 182 ^a 9, 054 ^a 58, 685 ^a 142, 075
(Life Insurance Sales Research Bureau) Insurance written, ordinary, total													
Eastern district mills. of dol. Far Western district mills. of dol Southern district mills. of dol Southern district mills. of dol Western district mills. of dol Lapse rates 1925-26=100	426 168 49 56 153	414 168 44 53 149	502 215 51 60 176	495 208 51 60 176	576 233 64 69 210 118	479 203 49 54 173	460 198 47 52 163	525 222 56 62 185	506 210 56 62 178	504 211 54 60 179	533 224 58 62 189 99	513 208 57 63 185	452 175 56 57 164
MONETARY STATISTICS													
Foreign exchange rates:# Argentina dol. per paper peso Belgium dol. per belga Brazil dol. per Canadian dol. Chile dol. per canadian dol. Chile dol. per peso England dol. per franc Germany dol. per franc Germany dol. per reichsmark India dol. per rupee Italy dol. per lira Japan dol. per yen	. 052 5. 04 . 065 . 401 . 380 . 079 . 294	. 329 . 169 . 083 . 993 . 051 4. 93 . 066 . 402 . 372 . 081 . 289 . 676	. 327 . 168 . 084 . 986 . 051 4. 91 . 066 . 402 . 370 . 081 . 287 . 677	. 328 . 169 . 084 . 989 . 051 4. 92 . 066 . 402 . 371 . 081 . 287 . 678	. 329 . 169 . 084 . 990 . 051 4. 93 . 066 . 402 . 372 . 081 . 287 . 678	. 331 . 169 . 084 . 999 . 051 4. 96 . 066 . 404 . 375 . 083 . 290 . 682	. 333 . 170 . 084 1. 001 . 051 5. 00 . 067 . 407 . 377 . 084 . 291 . 687	. 331 . 170 . 085 . 998 . 051 4. 97 . 066 . 404 . 375 . 080 . 289 . 684	. 330 . 169 . 086 . 995 . 051 4. 94 . 066 . 402 . 373 . 079 . 289 . 679	. 331 . 169 . 086 . 998 . 051 4. 97 . 066 . 403 . 375 . 079 . 291 . 676	. 334 . 169 . 086 . 997 . 051 5. 02 . 066 . 403 . 379 . 079 . 294 . 677	. 335 . 169 . 085 . 999 . 051 5. 02 . 066 . 403 . 379 . 079 . 293 . 681	. 335 . 169 . 085 1. 000 . 052 5. 03 . 066 . 402 . 379 . 079 . 294
Netherlandsdol. per florin Spaindol. per peseta Swedendol. per krona Uruguaydol. per peso	. 667 . 137 . 260 . 797	.676 .137 .254 .801	. 677 . 137 . 253 . 802			. 682 . 137 . 256 . 799		. 684 . 137 . 256 . 800					

^{\$} See footnote on p. 32 marked "3."

† Revised series. For earlier data ou 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 pess 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 pess since Dec. 10, 1933, instead of gold pess as formerly. Former equivalent to 44 percent of latter. See note on p. 56 of the March 1934 issue.

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

AThe 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 refer-	1936		19				, <u></u> ,		193	36			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru-	March	April	May	June	July	August
			FINA	NCE-	-Cont						`		·
MONETARY STATISTICS—Continued		1	1			!	Ī				:	:	
Gold and money: Gold:	40.00				10.050		10.100	40.100	10.003				
Monetary stocks, U. Smills. of dol Movement, foreign:	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, 67
Net release from earmark_thous. of dolthous. of dol	28, 805 42	1, 015 86	-1,864	573	1, 250 170	-1,745 338	-9, 506 23, 637	969 2, 315	-155 51	-3, 246 5	-24, 781 77	2, 293 695	11, 94
Imports thous. of dol Net gold imports, including gold re-	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, 52
leased from earmark ▲*thous. of dol Production, Randfine ounces	142, 857	157, 734 902, 333	313, 484 931, 724	211, 141 909, 550	191, 260 906, 496	43, 898 924, 081	-26, 141 894, 624	6, 449 933, 776	27,900 912,639	166, 706 938, 050	252, 993 944, 165	17, 672	55, 54
Receipts at mint, domestic, fine ounces		173, 899	191,898	149, 144	193, 107	120, 712	125, 529	156, 435	163, 674	181, 140	157, 081	967, 993 264, 140	964, 51 228, 55
Money in circulation, total_mills. of dol_ Silver:	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, 19
Exports	8, 363	1,472 45,689	260 48, 898	512 60, 065	769 47, 603	253 58, 483	141 17, 536	237 8, 115	535 4,490	4, 989	197 $23,981$	138 6, 574	14 16, 63
Price at New Yorkdol. per fine oz Production, world •thous, of fine oz	.448	. 654 19, 111	. 654 17, 121	. 654 15, 854	22, 781	. 473 19, 501	20, 652	21,259	. 449 19, 497	. 449	. 448 ² 21, 354	448 19,872	4.1
Canada thous, of fine oz thous, of fine oz		1, 185 7, 444	1, 031 5, 237	1, 300 3, 844	1, 941 9, 600	1, 244 6, 862	1, 414 7, 159	1, 845 6, 840	1, 499 5, 783	1,276 $6,710$	1, 450 7, 157	1, 662 6, 457	1, 54
United Statesthous. of fine oz Stocks, refinery, end of month:		3, 548	4,008	3, 814	3, 688	4, 374	5, 056	5, 329	5, 046	4, 754	5, 293	4, 616	1, 73
United Statesthous. of fine ozthous. of fine ozthous. of fine ozthous.		1,691	1,076	538	1, 058 658	1, 109 570	1,873 730	1, 757	1,834	1,316	1, 151	1, 101	1, 53
NET CORPORATION PROFITS (Quarterly) †		1,746	1,418	1,605	036	370	730	755	638	691	409	345	31
Industrial corporations, totalmills, of dol		124. 7	 	,	199.8			170.9					
Autos, parts and accessories_mills. of dol_ Chemicalsmills. of dol_ Food products and beverages_mills of dol_		35. 5 31. 6			75. 1 41. 6			32.0			41.4		
Food products and beverages mills of dol_ Machinery and machine manufactures		18.0		:	19. 6			16. 1		·	20. 1		
mills of dol. Metals and mining mills of dol.								8. 2 3. 7					
Oil. mills of dol. Steel mills of dol.		11.3			10.1	İ	1	9.1			15. 6		
Miscellaneousmills, of dol								21. 5			29. 2		
Railways, class I (net operating income) mills. of dol		126.3	 		175. 7						133. 7		
Telephones (net op. income)mills. of dol_ Other public utilities (net income)	í	i	! :		53.3			1		,	57.3		
PUBLIC FINANCE (FEDERAL)		39.3			49.7			50.5			P 47. 6		
Debt, gross, end of monthmills. of dol_ Expenditures, total (incl. emergency)	33, 833	29, 421	29, 462	29, 634	3 0, 557	30, 516	30, 520	31, 459	31, 425	31, 636	33, 779	33, 444	33, 38
thous of dol	712, 560 528, 129	457, 776 586, 339	870, 626 288, 867	573, 013 284, 636	694, 383 479, 722	487, 274 279, 556	517, 044 250, 705	643, 098 779, 521	681, 507 258, 759	590, 006 274, 415	2,406,077 564, 167	457, 656 322, 726	657, 70 366, 42
Receipts, total thous of dol. Customs thous of dol. Internal revenue, total thous of dol.	35, 554 467, 642	29, 704 378, 870	33, 276 192, 218	31, 226 184, 096	29, 123 275, 487	33, 599 183, 765	33, 087 185, 001	35, 342 691, 051	32, 226 202, 780	30, 268 182, 110	32, 122	31, 580	34.76
Income taxthous. of dol Taxes from:*	284, 421	230, 227	28, 213	21, 753	228, 999	36, 061	43, 610	404, 209	35, 127	34, 517	478, 229 303, 087	288, 327 40, 118	254, 02 29, 65
Admissions to theaters, etc.		l										İ	
thous. of dol Capital stock transfers, etc.	1, 670	1, 174	1,489	1,867	1,755	1, 460	1,405	1, 255	1, 266	1, 319	1, 532	1, 568	1, 38
thous. of dol Sales of produce (future delivery)	1, 932	2, 925	2, 132	2, 894	3, 818	2,871	4,033	3, 911	2,992	2, 357	1, 565	1, 654	2,34
thous. of dol_ Sales of radio sets. etcthous. of dol_	457 683	$\frac{282}{339}$	275 643	367 571	263 730	238 601	202 424	165 336	174 321	$\frac{230}{221}$	185 423	283 596	51 49
Reconstruction Finance Corporation loans				!									
Grand total thous. of dol. Total section 5 as amended	2,205,561	2,826,467	2,807,892	2,791,734	2,728,682	2,741,437	2,705,734	*2,649,851	a2,632,263	2,507,29 3	2,421,604	2,226,026	2.215.16
thous. of dol Bank and trust companies, including	748, 411	^a 1,059,333	«1,029,430	°1 , 000 ,7 03	^a 965, 523	4928, 583	⁴ 905, 253	ø852, 120	4846, 269	aS36, 510	818, 426	769, 261	763, 29
receivers thous. of dol. Building and loan associations	226, 451	⁴ 425, 898	409, 377	384, 346	377, 551	354, 801	a335, 672	² 285, 504	a276, 109	4267,001	258, 287	246, 523	236, 80
thous. of dol	3, 378	8, 909	8, 308	7, 803	7, 274	6, 699	6,028	45, 557	a5, 194			3, 814	3,65
Insurance companiesthous. of dol Mortgage loan companies		1	9,967	9, 344	6, 185	6, 060	5, 852	"5, 747	a5, 207	i	5, 115	4, 972	4, 89
thous. of dol Railroads, incl. receivers	,	i	a131, 478		1	ì	a125, 346		#125, 124		123, 175	124, 864	129, 63
thous. of dol All other under section 5	349, 261	412, 903	412, 805	412, 765	396, 250	393, 712	390, 199	389, 239	394, 168	14393, 027 i	388, 432	350, 841	350, 94
thous. of dol Total Emergency Relief and Construc-	35, 784	62, 365	57, 496	55, 442	50, 389	40, 660	42, 156	41, 643	40, 572	39, 974	39, 391	38, 247	37, 31
tion Act as amended thous. of dol Self-liquidating projects	577, 607	746, 799	751, 448	758, 389	732, 718	769, 321	771, 248	^a 775, 237	4760, 567	4688, 518	628, 682	564, 487	570, 67
thous. of dol Financing of exports of agricultural	184, 418	168, 259	168, 265	173, 138	146, 304	153, 667	155, 321	4159, 670	a 163, 597	172, 538	168, 489	174, 249	180, 04
surplusesthous. of dol	47	14, 300	14, 300	14, 300	14, 027	14, 027	14, 027	13,584	.47	47	47	47	4
Financing of agricultural commodi- ties and livestockthous. of dol	97, 147	267, 141	272, 115	274, 250	275, 760	305, 001	305, 276	4305, 546	¢300, 487	4179, 517	163, 732	93, 777	94, 35
Amounts made available for relief and work reliefthous 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, 22
Total Bank Conservation Act as amended thous of dol.		² 904, 030	ع906, 561	2907, 049	4897, 016	⁴ 904, 685	4887, 636	4877, 327	i	¢872, 194	821, 704	722, 910	706, 39
Other loans and authorizations thous. of dol.	1		!		į.	1	1	1				169, 368	
* Revised.	200,000	. 410,000	120, 101	120,002	. 100, 720	100,010	. 111,000	1 10, 210	, 170, 412	. 100, 100	102, 192	. 100, 008	: 1(4, 50

http://fraser.stlouisfed.org/ Federal Reserve Bank of St. Louis

^{*} 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 \$2,803,221,138 for February, \$2,233,252 for March, \$409,052 for April, \$298,806 for May, \$213,417 for June, \$272,163 for July, \$268,204 for August, \$134,843 for September, \$173,702 for October, \$116,588 for November, \$132,296 for December. For 1936 includes \$1,3702 for October, \$116,588 for November, \$132,296 for March, \$40,052 for April, \$298,606 for October, \$105,773 for March, \$49,144 for April, \$96,103 for May, \$105,773 for June, \$62,196 for July, \$62,055 for August, \$62,936 for September, \$50,256 for October, \$105,780 for November, and \$70,889 for December. For 1936 includes \$00,222 for January, \$83,440 for February, \$85,427 for March, \$155,254 for April, \$12,02 for May, \$41,856 for June, \$201,071 for July, \$37,093 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 Peb 1936 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, \$49,630,000 relief grants to States under the Emergency Relief Act of 1933, \$500,000,000 under the provisions of the Emergen

Monthly statistics through December 1931,	1936		19	35					198	36	<u></u>		
together with explanatory footnotes and references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	Мау	June	July	August
			FINA	NCE-	-Cont	inued	<u> </u>		'	· ·		<u></u>	<u> </u>
CAPITAL FLOTATIONS		<u> </u>				<u> </u>				T			
New Security Registrations Fully Effective*				•									
(Securities and Exchange Commission)						}							
Estimated gross proceeds: Totalthous. 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. Preferred stock thous. of dol.	76, 140 29, 271	62, 151 16, 714	25, 425 31, 047	55,309 7,080	41, 286 20, 873	27, 278 3, 125	27, 113 31, 464	81, 519 28, 793	168, 638 53, 973	88, 913 31, 506	120, 487 77, 317	84, 056 15, 131	92, 750 35, 728
Certificates of participation, etc. thous. of dol Debentures and short term notes	17, 212	6, 23 5	83, 700	1, 505	4,777	11,027	13, 708	7, 442	35, 373	13, 713	1,300	32, 898	4, 660
thous. of dol	127, 918 9, 539	77, 749 157, 026	83, 558 182, 357	31, 786 194, 093	55, 219 89, 930	19, 350 214, 916	41, 125 98, 679	130, 921 334, 716	113, 593 379, 436	106, 069 79, 118	165, 636 159, 700	59, 843 170, 987	107, 250 45, 634
Securities Issued	0,000	101,020	102,001	101,000	00,000	211,010	00,000	002,120	0.0, 100	10,110	100,700	110,001	10,001
(Commercial and Financial Chronicle) Total, all issuesthous. 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. Foreign, total thous. of dol.	408, 959	437, 425	368, 121	382, 221	422, 422 40, 000	354, 824 56, 000	301, 978	743, 851 23, 500 594, 853	988, 532 31, 500	413, 359	731, 166	338, 383	295, 555
Corporate, totalthous, of dol	250, 050 88, 142 4, 500	275, 854 94, 707 0	252, 395 65, 499 4, 000	250, 503 32, 750 0	167, 355 54, 504 2, 000	273, 907 150, 589	194, 613 37, 501	101, 833 0	687, 751 236, 693 0	304, 993 133, 822 4, 800	527, 630 199, 653 0	294, 393 49, 050 7, 125	232, 438 16, 001
Land, buildings, etcthous, of dol	4,500	475 475	482 482	600 600	2,000 250 250	250	5, 250 0	0	0	148	1,903	1,000	973
Long-term issuesthous. of dol 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	121, 050	0 164, 172	0 180, 644	217, 153	83, 343	28, 550	135, 450	260, 779	315, 587	116, 0 96	0 185, 336	0 149, 804	43, 473
Railroads thous. of dol. Miscellaneous thous. of dol.	24, 475 11, 983	16, 500 0	1,770	0	21, 090 6, 168	94, 519	16, 4 13	223, 391 8, 850	122, 197 13, 273	48, 727 1, 400	106, 797 33, 943	49, 690 37, 724	51, 500 120, 492
Farm loan and Gov't agencies • thous. of dol Municipal, States, etcthous. of dol	158, 909	12, 700 148, 871	38, 962 76, 764	17, 254 114, 464	121, 500 133, 567	200 88, 717	10, 200 97, 165	20, 000 128, 999	198, 718 102, 063	9, 671 98, 694	94, 429 109, 107	2, 080 41, 910	7, 800 55, 317
Purpose of issue: New capital, totalthous. 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
Domestic, totalthous, of dol	178, 989 54, 590	172, 745 45, 087	148, 462 73, 003	119, 794 33, 289	221, 207 66, 738	115, 253 72, 935	106, 739 13, 473	129, 527 58, 816	176, 672 127, 879	111, 571 37, 608	217, 270 151, 874	102, 769 69, 809	216, 510 170, 799
Corporatethous. of dol Farm loan and Gov't agencies thous. of dol	0	0	15,000	0	40, 290	0	4,000	11,000	0	5, 900	1,000	0	0
Municipal, States, U.S. possessions, etcthous. 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
Foreign thous of dol. Refunding, total thous of dol.	229, 970	264, 679 230, 767	219, 659 179, 392	262, 426 217, 215	0 241, 216 100, 617	8,000 287,571	0 195, 239 18J, 141	637, 824 536, 037	843, 360 559, 872	301,788	513, 896	235, 614 224, 583	79, 044 61, 639
Corporatethous. of dol Type of security, all issues: Ronds and notes total thous of dol	175, 460 363, 534	433, 598	349, 500	378, 471	427, 960	200, 973 406, 635	280, 815	743, 659	955, 533	267, 385 373, 491	375, 756 651, 980	305, 184	264, 290
Bonds and notes, totalthous. of dol Corporatethous. of dol Stocksthous. of dol	204, 625 45, 425	272, 027 3, 827	233, 774 18, 621	246, 753 3, 750	132, 893 34, 462	273, 907 4, 189	173, 450 21, 163	594, 853 23, 692	623, 252 64, 498	265, 125 39, 868	448, 444 79, 186	261, 194 33, 199	201, 173 31, 265
Bond Buyer	,	'			·	,		,	,		,	,	
State and municipals: Permanent (long term)thous. of dol	156, 922		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 COMMODITY MARKETS	51, 473	81, 713	124, 087	16, 061	30, 29 8	118, 586	22,800	37, 219	74,814	10,700	91, 889	22, 746	18, 201
Volume of trading in futures:* Wheatthous. of bu	662, 183	901, 531	1,074,776	626, 949	569, 673	448, 466	321, 637	466, 193	800, 684	591, 079	768, 278	1,328,691	1.032.278
Cornthous. of bu SECURITY MARKETS	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
Prices. Bonds													
All listed bonds (N. Y. S. E.) dollars Domestic issues dollars	95, 79 99, 27	89. 93 92. 65	90. 23 92. 84	91. 08 93. 69	91. 85 94. 47	93. 59 96. 16	94. 44 97. 22	94. 47 97. 26	93. 90 96. 69	93. 83 97. 38	94. 24 97. 63	94. 78 98. 19	95, 39 98, 81
Foreign issuesdollars Domestic (Dow-Jones) (40) percent of par 4% bond	68. 00 101. 19	76. 73 81. 82	77. 62 79. 51	78. 45 83. 52	79. 03 86, 50	80. 87 92. 72	80. 32 96. 41	79. 76 96. 50	79. 21 94. 97	67. 47 94. 88	67. 87 96. 11	68. 39 97. 35	68. 68 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. 74 104. 3	55. 58 98. 9	51.31 97.6	56.93 98.9	59. 99 100. 0	66. 96	73. 18 104. 3	74. 32 104. 4	70. 70 103. 7	70. 43 102. 7	72. 31 102. 6	74. 45 102. 4	77. 78 103. 0
Domestic* (Stand. Stat.) (45)	111.1	98.9 107.9 61.79	107.8 62.71	108.3 59.93	100. 0 108. 4 63. 43	102.7 108.8 63.93	104. 3 109. 3 64. 47	110.0 63.54	110. 2 62. 97	110. 3 62. 16	110. 4 63. 76	110. 3 63. 55	110. 8 (1)
Sales on registered exchanges (Securities and Exchange Commission):* Total on all exchanges:*	``				-22	55.00		-5.01	-2		1 2	-5.50	``
Market valuethous. 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
On New York Stock Exchange:	378, 520	333, 012 217, 726	387, 152	405, 138	448, 712	622, 546	511, 121	410, 410	301, 433	249, 620 163, 983	332, 383 231, 088	350, 594 238, 071	275, 306 179, 534
Market valuethous. of dol_ Par value*thous. of dol_ Sales on the New York Exchange excl of	240, 020 322, 466		229, 642 291, 123	217, 954 304, 219	239, 442 352, 057	338, 695 492, 214	305, 052 402, 610	261, 553 323, 695	197, 277 236, 792	197, 217	231, 088	287, 510	225, 927
stopped sales (Dow-Jones): Par value:										}			
Totalthous, of dol_ Liberty and Treasury bonds)		275, 727	301,977	314, 429	476, 137		2,275,275	ł .		2,586,314	291, 650	224, 923
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

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,	1936		19	35					193	36			
together with explanatory footnotes and refer- ences to the sources of the data, may be found	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August
in the 1932 Annual Supplement to the Survey		201	FINA	NCE-									<u> </u>
SECURITY MARKETS—Continued	1	ı							ı	·	1		ı
## Bonds—Continued Value, issues listed on N. Y. S. E.: Par, all issues	45, 211 40, 178 5, 033 43, 305 39, 883 3, 422	42, 671 35, 391 7, 280 38, 375 32, 789 5, 586	42, 303 35, 054 7, 249 38, 171 32, 543 5, 627	42, 232 34, 987 7, 245 38, 465 32, 781 5, 684	42, 893 35, 619 7, 274 39, 399 33, 650 5, 749	43, 113 35, 851 7, 263 40, 348 34, 475 5, 873	43, 015 35, 934 7, 082 40, 625 34, 936 5, 688	44, 255 37, 196 7, 059 41, 807 36, 177 5, 630	44, 223 37, 150 7, 073 41, 525 35, 922 5, 603	42, 255 37, 242 5, 013 39, 648 36, 266 3, 382	44, 164 39, 128 5, 036 41, 619 38, 201 3, 418	43, 981 38, 947 5, 034 41, 685 38, 242 3, 443	44, 279 39, 241 5, 038 42, 236 38, 776 3, 460
Yields: Domestic (Standard Statistics) (60)† Industrials (15). percent. Municipals (15)† percent. Public utilities (15) percent. Railroads (15). percent. Domestic, municipals (Bond Buyer) (20) percent.	3. 84 4. 40 2. 62 4. 00 4. 33 2. 86	4, 20 4, 54 3, 08 4, 26 4, 90 3, 51	4. 28 4. 51 3. 16 4. 31 5. 12 3. 34	4. 18 4. 42 3. 02 4. 15 5. 12 3. 23	4. 11 4. 44 2. 97 4. 17 4. 87	3. 99 4. 29 2. 93 4. 09 4. 63 3. 11	3. 90 4. 27 2. 86 4. 04 4. 43 3. 04	3.87 4.32 2.78 4.01 4.37 3.03	3. 90 4. 38 2. 76 4. 00 4. 45	3. 94 4. 45 2. 76 4. 04 4. 52 3. 00	3. 94 4. 44 2. 72 4. 03 4. 56 2. 99	3. 94 4. 45 2. 70 4. 02 4. 58 2. 95	3. 91 4. 42 2. 68 4. 02 4. 52 2. 91
Domestic, U. S. Government: U. S. Treasury bonds*percent_ Cash Dividend and Interest Payments and Rates	2. 41	2.78	2. 77	2. 73	2. 73	2. 68	2. 62	2. 54	2. 51	2. 50	2. 50	2. 50	2. 43
Dividend payments (N. Y. Times) thous. of dol 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
thous. of dol Railroadthous. of dol Dividend payments and rates (Moody's): Dividend payments, annual payments at	226, 642 5, 088	181, 997 3, 308	151, 055 6, 754	369, 279 28, 742	280, 609 20, 794	184, 035 44, 035	259, 487 14, 162	192, 324 7, 718	155, 519 6, 655	375, 035 34, 517	237, 655 26, 175	215, 003 21, 193	317, 088 14, 830
current rate (600 companies) Number of shares, adjustedmillious Dividend rate per share, weighted average	1, 539. 6 923. 99	1, 230. 6 918. 42	1, 243. 7 918. 42	1, 296, 5 923, 92	1, 298. 7 923. 92	1, 311, 5 923, 92	1, 337. 2 923. 92	1, 345. 5 923. 92	1, 355. 8 923. 92	1, 385. 2 923. 92	1, 397. 4 923. 92	1, 457. 2 923. 94	1, 517. 4 923. 94
(600)	1. 67 3. 04 1. 58 2. 13 1. 99 1. 21	1. 34 2. 99 1. 17 2. 23 1. 83 1. 21	1. 35 2. 99 1. 19 2. 23 1. 83 1. 21	1. 40 2. 97 1. 26 2. 23 1. 83 1. 24	1. 41 2. 98 1. 26 2. 37 1. 86 1. 21	1. 42 2. 98 1. 28 2. 39 1. 86 1, 21	1. 45 2. 98 1. 32 2. 39 1. 86 1. 21	1. 46 2. 98 1. 33 2. 39 1. 86 1. 21	1. 47 2. 98 1. 34 2. 39 1. 86 1. 21	1. 50 2. 98 1. 38 2. 39 1. 86 1. 21	1, 51 3, 00 1, 41 2, 03 1, 86 1, 21	1, 58 3, 00 1, 48 2, 09 1, 95 1, 21	1. 64 3. 00 1. 56 2. 09 1. 96 1. 21
Dow-Jones:	167. 8 34. 5 55. 8 133. 48 222. 54 44. 42 114. 1 130. 2 107. 7 55. 4 75. 1 94. 1	131. 5 25. 7 36. 0 105. 78 183. 20 28. 37 85. 0 97. 5 81. 9 37. 0 56. 6 93. 0	130. 4 26. 0 33. 8 108. 16 189. 58 26. 74 85. 2 98. 5 81. 0 34. 3 55. 8 92. 8	144. 3 28. 9 37. 0 113. 80 197. 63 29. 97 93. 3 107. 4 90. 1 37. 6 63. 5 96. 0	141. 8 28. 8 40. 3 111. 27 190. 86 31. 69 95. 3 109. 2 91. 6 41. 4 69. 1 101. 7	145. 9 30. 9 43. 3 116. 06 197. 67 34. 46 100. 1 114. 5 97. 0 43. 8 70. 5	151. 8 32. 5 48. 5 120. 00 201. 17 38. 84 106. 1 120. 9 102. 8 49. 1 65. 8 106. 8	155. 9 30. 9 48. 0 120. 95 203. 97 37. 94 108. 7 124. 6 102. 8 49. 2 66. 4 102. 1	155. 8 31. 7 47. 2 121. 63 206. 14 37. 10 108. 9 125. 3 101. 5 48. 9 64. 1 96. 8	149. 3 30. 0 44. 5 119. 46 203. 36. 35. 57 101. 0 116. 2 94. 7 45. 0 62. 6 94. 2	155. 2 32. 3 47. 0 124. 28 211. 69 36. 88 105. 6 120. 6 102. 0 47. 7 65. 0 95. 2	162. 3 34. 6 51. 5 130. 74 221. 15 40. 33 109. 2 124. 3 105. 8 50. 7 72. 1 96. 1	165. 9 34. 7 54. 0 131. 55 220. 56 42. 55 113. 0 128. 4 108. 8 53. 9 76. 5
Market value of shares sold: All registered exchanges, total*	1 000 000	1 407 010	1 010 101	0.050.077	1.070.140	0.420.010	0 500 100	0.400.000	1 026 102	1 002 444	1 164 147	0.055.045	1 057 150
thous. of dol On New York Stock Exchange* Volume of shares sold: thous. of dol 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	2,429,960 2,092,308	1,679,839	1,077,672		1,526,176	1,248,924
thous. of shares On New York stock exchange: * Total (Sec. and Exch. Com.) ‡		59, 433	81, 106	99,864	82, 870	119, 592		101,923	77, 916	47, 110	43, 937	64, 728	50, 937
thous, of shares. Total excl. of odd lot and stopped sales (New York Times) thous, of shares.	44, 535 30, 872	46, 531 34, 748	62, 555 46, 663	77, 474 57, 463	63, 344 45, 590	87, 502 67, 211	85, 305 60, 871	75, 532 51, 025	56, 935 39, 616	35, 943 20, 615	31, 897 21, 428	48, 272 34, 787	37, 109 26, 564
Values, and shares listed, N. Y. S. E.; Market value all listed shares mills of dol. Number of shares listed — millions.	55, 105 1, 348	40, 479 1, 307	43,002 1,307	44, 951 1, 309	46, 946 1, 318	50, 165 1, 321	50, 202 1, 323	51,668 1,330	47, 774 1, 337	49, 998 1, 339	50, 912 1, 340	54, 067 1, 341	54, 532 1, 344
Yields: Preferred, Standard Statistics: Industrials, high grade (20) percent. Stockholders (Common Stock) American Tel. & Tel. Co., total number. Foreign number. Pennsylvania Railroad Co., total number. Foreign number.	645, 457	5. 19 664, 095 7, 816 230, 086 3, 126		5. 12	5. 11 657, 651 7, 825 227, 251 3, 111		5. 05	5. 02 653, 435 7, 859 225, 120 3, 101		5.06	5. 04 649, 876 7, 804 223, 844 3, 087	5. 03	
U. S. Steel Corporation, total number Foreign number Shares held by brokers percent of total	. 173, 633 3, 866	187, 533 3, 979			184, 680 3, 925 21, 56			181, 493 3, 870			^a 177, 758 3, 941		
			FO	REIG	N TR	ADE							
Value: INDEXES		<u> </u>										<u> </u>	<u> </u>
Exports, unadjusted1923-25=100_ Exports, adjusted for seasonal variation	58	52 50	58	71	59 *6	52	48	51	51	53	49	47	47
1923-25=100 Imports, unadjusted1923-25=100 Imports, adjusted for seasonal variation	1	50 50	48 59	62 52	56 58	51 58	53 60	51 62	53 63	56 59	55 59	54 60	51 60
Quantity exports: 1923-25=100 Total, agricultural products: Unadjusted	70	53 64 59	58 87 64	128 98	58 96 76	57 64 57	51 55	55 51 52	58 44 52	58 45 54	62 40 52	65 27 39	33 40
Total, excluding cotton: Unadjusted		52	61 53	74 68	49 45	43 42	37 40	41 41	34 36	33 35	31 35	30	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 1926-34; for data for years 1919-25 see p. 20 of the November 1935 issue. Series on stock sales on all registered exchanges and on the New York Stock Exchange as compiled by the Securities and Exchange Commission for the period October 1934-February 1936 are shown on p. 20 of the April 1936 issue. For quantity exports adjusted for seasonal variation for the period July 1914-August 1935 see p. 18 of the October 1935 issue.

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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,	1936		19	35				=	19	36			
together with explanatory footnotes and references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey.	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August
		FOI	REIGN	TRA	DE-	Conti	nued						
VALUE §												1	
Exports, incl. reexportsthous, of dol By grand divisions and countries:	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
Africathous, of dolthous, of dol		6, 279 37, 400	8, 878 34, 143	9, 427 51, 058	9, 093 50, 946	7, 700 40, 290	8, 307 32, 553	10, 553 38, 332	9, 215 39, 337	9, 326 38, 902	8, 628 38, 766	10, 562 35, 725	8, 829 33, 570
Japan thous of dol. Europe thous of dol.		16,996	16, 402 115, 315	26, 945 144, 510	26, 885 110, 183	18, 753 91, 669	13, 251 83, 697	16, 401 82, 932	16, 211 78, 247	14, 680 78, 097	13, 627 69, 400	11, 975 64, 462	10, 764 69, 978
Francethous, of dolthous, of dolthous, of dol		7, 316 8, 891	10, 746 9, 885	18, 817 14, 363	15, 701 12, 327	11,666 7,136	9, 794 8, 803	8,388 9,489	9, 311 7, 787	7, 301 7, 240	8, 893 6, 541	6, 448 7, 041	8, 484 5, 840
Italythous, of dolthous, of dolthous, of dol	I	4, 796 53, 513	6, 529 59, 098	9, 125 62, 481	7, 944 41, 823	5, 420 37, 863	7, 571 32, 304	5, 891 32, 012	4, 827 27, 954	5, 697 30, 450	4, 299 27, 066	2, 873 27, 381	2, 285 33, 223
North America, northern thous. of dol. Canada thous. of dol.	1	28, 063 27, 418	31, 084 30, 349	28, 170 27, 473	22, 157 21, 760	27, 390 26, 990	25, 638 25, 275	27, 915 27, 356	32, 128 31, 557	37, 500 36, 693	35, 498 34, 875	32, 016 31, 296	32, 251 31, 510
North America, southern_thous. of dol. Mexicothous. of dol.		15, 700 4, 916	18, 090 5, 817	18, 628 5, 353	17, 729 6, 025	16, 693 5, 642	16, 281 5, 277	19, 593 6, 395	17, 902 5, 932	18, 535	16, 789 5, 800	17, 819 6, 830	18, 528
South Americathous, of dol Argentinathous, of dol		13, 821 4, 143	13, 728 3, 436	17, 517	13, 406	14, 217	15, 361	15, 438	15, 801	6, 243 18, 306	15, 828	19, 243	6, 348 15, 159
Brazil thous. of dol		3, 196	3, 414	4, 948 4, 537	3, 556 3, 276	3, 784 3, 950	4, 154 4, 214	3,876 4,109	4, 031 3, 704	4, 507 4, 475	4, 662 3, 757	5, 957 3, 560	4, 124 3, 557
By economic classes:	1	1, 283	1,089	1,698	1, 216	1, 193	1, 254	1, 274	1, 562	1,676	982	1,540	1, 071
Exports, domestic thous. of dol Crude materials thous. of dol	217, 535 72, 819	195, 537 68, 677	218, 138 82, 604	266, 730 112, 678	220, 977 82, 685	195, 085 59, 770	179, 195 50, 054 26, 6	192, 081 44, 486	189, 408 40, 431	196, 913 42, 627	180, 601 39, 310	176, 397 30, 379	175, 556 38, 127
Raw cottonthills, of dol. Foodstuffs, totalthous. of dol. Foodstuffs, crudethous. of dol.	38, 2 23, 349	31.8 22,399	45. 9 23, 695	75. 1 26, 780	56. 8 19, 697	35. 7 15, 863	14, 763	26. 3 16, 848	22. § 14, 199	22. 9 15, 925	19.7 14,509	10. 8 15, 036	12. 4 19, 675
Foodstuffs, migdthous, of dol	5, 697 17, 652	7, 074 15, 325	7, 974 15, 721	5, 925 20, 855	5, 169 14, 528	4, 349 11, 514	4, 020 10, 743	5, 087 11, 761	4, 949 9, 250	4, 621 11, 304	4, 402 10, 107	3,774 $11,262$	5, 725 13, 950
Fruits and prepmills, of dol Meats and fatsmills, of dol	10.4	11.8 2.6	12. 5 2. 8	13. 8 4. 2	9.4	6. 3 3. 3	6. 3 2. 9	6.8 3.5	5. 5 3. 3	5, 3 4, 2	4. 1 4. 0	5. 0 4. 1	8. 7 3. 1
Wheat and flourmills. of dol_ Manufactures, semithous. of dol_	2. 4 31, 860	1.3 29,309	1.5 30,291	1.4 34,319	1. 2 31, 702	1. 3 28, 621	1. 2 28, 319	$\begin{array}{c c} 1.4 \\ 32,096 \end{array}$	1. 4 33, 802	1. 5 35, 115	1.3 34,107	1. 3 33, 282	1. 7 32, 287
Mannfactures, finishedthous. of dol Autos and partsmills. of dol	89, 508 12, 5	75, 152 13. 3	81, 548 14, 1	92, 953 21. 9	86, 894 19, 7	90, 831 22, 1	86, 059 22. 1	98, 652 24. 0	100, 976 23, 0	103, 245 22, 5	92, 674 19. 1	97, 701 16. 9	85, 467 12. 4
Gasoline mills of dol.	5. 5 27. 3	6 1 20, 5	5. 1 23. 5	6. 7 25, 5	7.5 22.5	5, 1 25, 5	3. 6 24. 6	3, 3 27, 9	5. 1 30. 7	5. 6 29. 6	4. 4 26. 0	5. 0 29. 3	5. 0 25. 2
Imports, total #3 thous. of dol Imports for consumption*thous. of dol	215, 645 218, 370	161, 653 168, 689	189, 240 189, 688	169, 386 162, 803	186, 864 179, 586	187, 449 186, 351	192, 776 189, 589	198, 685 194, 281	202, 789 199, 787	191, 110 188, 421	190, 387 193, 622	194, 114 196, 516	192, 375 200, 090
By grand divisions and countries: #d Africathous, of dol	210,010	2, 424	2, 579	3, 235	3,714	4, 212	4, 483	4,936	5, 801	4, 236	2, 907	2,845	·
Asia and Oceania thous of dol. Japan thous of dol.		52, 380 13, 888	57, 319 16, 594	46, 230 14, 106	55, 693 14, 213	56, 977 15, 086	58, 590 14, 435	57, 435	65, 671	58, 857	60, 706	66, 901	3, 519 62, 930
Europethous, of dol		52, 915	65, 053	55, 009	56,019	53, 4 93	51, 612	12.926 55,491	13, 286 51, 637	12, 163 53, 722	11, 003 55, 193	12, 306 56, 637	17, 384 59, 749
Francethous. of dol. Germanythous. of dol.	1	4, 796 7, 326	7, 565 7, 702	5, 433 6, 738	5, 168 8, 152	5, 539 5, 729	4,321 5,650	5, 347 6, 710	4, 538 5, 870	4, 356 5, 741	4, 578 6, 080	4, 829 7, 439	5, 778 6, 332
United Kingdom thous of dol.		2,924 14,895	4,723 15,820	4, 528 14, 214	3, 553 13, 577	2, 749 15, 990	2, 586 16, 132	2,947 16,730	3, 017 14, 712	3, 286 14, 513	3, 517 14, 676	3, 274 14, 317	3, 045 15, 877
North America, northern_thous. of dolthous. of dolthous. of dol		27, 334 26, 708	29, 741 28, 573	27, 258 26, 576	27, 901 27, 320	24, 675 24, 272	23, 020 22, 926	27, 222 26, 836	26, 923 26, 710	29, 127 28, 744	30, 881 30, 347	31, 114 30, 708	37, 600 37, 083
North America, southern thous of dol- Mexicothous of dol-		11, 845 3, 014	10, 183 3, 227	8, 988 3, 048	11, 139 4, 220	23, 289 3, 860	24, 636 4, 688	24, 252 5, 094	25, 829 4, 826	22, 800 3, 829	23, 344 3, 771	19, 299 3, 759	12, 929 3, 237
South America thous, of dol. Argentina thous, of dol.		21,791 4,970	24, 813 5, 251	22, 089 4, 498	25, 121 5, 154	23, 704 4, 862	27, 247 4, 638	24, 945 5, 108	23, 925 5, 223	19,671 3,827	20, 591 3, 404	19, 721 3, 490	23, 361 4, 488
Brazilthous. of dolthous. of dol		8, 205 1, 515	9, 934 1, 344	8, 530 2, 424	9, 414 1, 969	9, 158 1, 421	11, 053 3, 787	9,466 2,748	7, 216 3, 442	5, 863 2, 867	6, 550 1, 611	6, 739 1, 735	7, 785 1, 901
By economic classes: #5 Crude materialsthous. of dol	69, 437	49, 844	55, 398	46, 045	55, 737	58, 412	58, 613	57, 749	62, 076	55, 071	54, 612	56, 022	61, 663
Foodstuffs, crudethous, of dol. Foodstuffs, manufactured thous, of dol.	31, 063 33, 149	23, 653 20, 742	29, 492 22, 256	24, 942 18, 909	27, 116 17, 712	26, 543 28, 733	28, 745 31, 547	31, 221 32, 338	28, 690 37, 035	21, 759 34, 080	22, 893 36, 065	24, 529 34, 726	28, 627 27, 630
Manufactures, semithous, of dol Manufactures, finishedthous, of dol	40, 817 43, 904	38, 422	38, 587 43, 955	36, 305 36, 606	42, 768 36, 253	39, 699 32, 964	40, 060 30, 625	36, 127 36, 847	37, 577 34, 409	38, 456 39, 056	43, 056 36, 996	42, 660 38, 579	40, 814 41, 356
Т	RANS				ND CO					30,000	33,000	50,010	11,000
TRANSPORTATION													
Express Operations Operating revenuethous. of dol		8,053	8, 029	7 004	0 500	7 745	7, 708	0 045	0 200	0.550	0 407		
Operating incomethous. of dol		142	137	7, 936 140	8, 586 141	7, 745 143	127	8, 245 126	8, 396 123	8, 579 110	8, 435 123		
Electric Street Railways	0.075	0.101	0.101	0.101	0.101	0.101	0.101		2 202				
Fares, average (268 cities)cents_ Passengers carried †thousands_	8, 075 801, 368	8. 101 685, 430	8, 101 764, 558	8. 101 742, 270	8. 101 799, 787	8. 101 797, 242	8.101 780, 142	8.100 814, 298	8, 092 790, 696	8. 092 788, 307	8. 092 758, 943	8. 092 720, 396	8. 075 704, 446
Operating revenuestthous. of dol Steam Railways		50, 323	55, 442	53, 788	58, 138	57, 874	56, 443	58, 752	57, 627	57, 426	55, 553	53, 5 53	52, 612
Freight carloading (F, R, B.):													
Index, unadjusted	82 80	70 66	73 76	67 74	62 79	63 88	65 106	62 60	66 64	71 65	$\frac{72}{61}$	75 65	76 68
Coke	80 83 50	56 44	61 43	62 39	73 37	80 38	89 37	56 42	58 42	70 46	69 48	73 47	71 50
Grain and products 1923-25=100. Livestock 1923-25=100. Merchandise, l. c. 1923-25=100.	71 57	90 54	78 63	69 50	61 39	67 39	66 31	72 35	66 38 65	69 37	77 35	117 41	88 46
Ore1923-25=100	70 150	67 90	67 79	66 3 2	62 14	60 15	60 15	63 15	27	66 107	66 130	66 139	67 141
Miscellaneous	95 72	77 62	82 64	76 66	67 71	63 70	63 70	73 66	79 69	83	83 70	84 73	85 70
Coal	74 85	61 57	67 60	67 61	74 68	78 73	97 79	63 55	77 61	70 73 70	70 75	74 83	71 79
Forest products	47 58	42 74	42 70	40 65	45 62	42 70	36 68	40 85	40 86	44 84	46 89	48 98	47
Livestock. 1923-25=100 Merchandise, l. c. l. 1923-25=100	48 67	45 65	47 64	44 64	39 66	38 64	33 62	41 62	41	39	41	49	52 52
Ore 1923-25 = 100 Miscellaneous 1923-25 = 100	93 80	55 65	56 70	46 77	58 86	62 79	62 74	64 77	63 53	64 71	66 72	67 77	73 52 67 82 77
Data revised for 1933. See p. 20 of the									77 1	80 1	79	80 1	77

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Monthly statistics through December 1931, together with explanatory footnotes and refer-	1936		19	35					19:	36			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August
TRANS	PORT	'ATIO	N AN	р со	MMU	NICA	TION	S—Co	ntinu	ıed			
TRANSPORTATION—Continued Steam Railways—Continued													
Freight carloading (A. A. R.): Total cars¶. thousands Coal. thousands Coke. thousands Forest products. thousands Grain and products thousands Livestock thousands Merchandise, I. c. l thousands Ore. thousands	3, 061 531 39 139 127 73 663	a 2, 628 a 445 a 25 124 162 a 70 a 635	2,882 544 30 126 148 87 667	3, 179 625 36 137 157 84 788	2, 319 522 33 104 109 51 586	2, 353 587 37 104 121 52 506	3, 125 906 54 134 151 53 730	2, 419 423 27 122 136 48 622	2, 545 445 28 121 123 50 647	3, 352 557 41 162 155 61 795	2,787 426 33 139 140 47 649	2,826 434 35 131 212 52 628	3, 70 60. 49 18 21
Ore thousands Miscellaneous thousands Freight-car surplus, total thousands Box thousands Coal thousands (Class I Rallways): Operating revenuest thous of dol.	226 1, 264 125 49 23	4 140 4 1, 028 229 133 59	130 1, 150 208 125 48	1, 284 252 143 65	21 892 371 155 68	23 864 231 138 47	28 1, 078 171 104 22	24 1, 017 205 104 61	35 1, 096 179 97 42	187 1, 394 185 105 41	202 1, 151 170 90 44	209 1, 125 147 77 37	82 27 1, 47 14 8 3
Operating revenues† thous, of dol. Freight† thous, of dol. Passenger† thous, of dol. Operating expenses† thous, of dol. Net railway operating income† thous, of dol.	218, 553	*305, 946 249, 926 30, 820 *218, 671 * 57, 349	341, 018 284, 614 28, 608 232, 516 75, 425	301, 331 248, 146 27, 848 218, 583 54, 234	295, 225 234 053 34, 374 225 826 46, 040	299, 099 241, 160 34, 102 231, 779 35, 765	300, 459 245, 145 31, 902 235, 906 33, 595	308, 304 251, 821 30, 516 236, 579 35, 206	313, 410 256, 322 30, 653 235, 073 41, 548	320, 966 262, 727 30, 351 240, 234 41, 842	330, 692 268, 542 34, 845 241, 812 50, 313	349, 744 283, 944 39, 187 248, 366 61, 774	350, 58 283, 60 39, 32 246, 29 64, 68
Operating results (Class I Railways): Freight carried 1 milemills. of tons Receipts per ton-milecents Passengers carried 1 milemillions		27, 715 . 983 1, 660	31, 200 . 999 1, 475	27, 468 . 958 1, 436	26, 175 . 987 1, 787	27, 858 . 960 1, 695	29, 153 .931 1, 582	27, 992 .994 1, 539	28, 145 1, 915 1, 573	29, 894 . 975 1, 578	28, 760 1, 023 1, 941	32,076 1.002 2,261	
Canals: Cape Cod thous. of short tons. New York State thous. of short tons. Panama, totalt thous of long tons. U. S. vessels thous. of long tons. St. Lawrence thous. of short tons. Sault Ste. Marie thous. of short tons. Suez. thous. of metric tons. Welland thous. of short tons.	258 2, 526 1, 054 1, 130 11, 041 1, 407	202 574 1, 994 907 983 7, 148 1, 956 1, 180	270 800 2, 229 983 992 7, 454 2, 225 1, 150	208 655 2, 050 843 865 4, 087 2, 955 1, 313	238 0 2, 188 852 44 440 2, 029	224 0 2, 149 775 0 0 2, 043	81 0 2, 155 813 0 0 1, 864	200 0 2, 634 981 0 9 2, 149	227 228 2, 430 1, 023 187 37 2, 091	270 568 2, 420 940 1, 300 8, 710 2, 215 1, 618	228 616 2, 460 989 1, 207 9, 835 1, 981 1, 444	258 738 2,450 976 997 10,951 2,150 1,322	23: 60: 2, 39: 1, 05: 1, 06: 10, 69:
Rivers: Alleghenythous. of short tons_ Mississippi (Government barges)# thous. of short tons_ Monongahelathous. of short tons_ Ohio (Pittsburgh to Wheeling)	378 127 2, 569	200 143 1, 239	226 154 1,414	267 149 1, 707	191 98 1, 664	98 1, 270	102 547	56 140 1,327	226 188 1, 928	365 260 2, 361	367 155 2, 457	405 143 2, 564	40 413 2, 62
thous. of short tons Ocean traffle:† Clearances, vessels in foreign trade thous of net tons Foreignthous. of net tons	1, 425 6, 668 4, 696	782 5, 786 3, 831	5, 580 3, 670	956 5, 162 3, 331	4, 351 2, 948	635 3, 521 3, 184	4, 305 3, 049	529 4, 639 3, 225	863 4, 872 3, 329	1, 246 6, 057 3, 901	1,319 6,134 4,121	1, 399 6, 564 4, 418	1, 46 6, 88 4, 69
United Statesthous. of net tons_ Shipbuilding. (See Trans. Equip.)	2,061	1, 955	1, 910	1, 831	1, 403	1, 337	1, 256	1,414	1, 542	2, 155	2, 013	2, 146	2, 19
Travel Airplane travel: Express carried* pounds. Miles flown* thous. of miles. Passengers carried* number. Passenger-miles flown* thous. of miles.	652, 930 5, 756 102, 239 43, 520	417, 223 5, 360 77, 370 32, 024	488, 019 5, 288 70, 924 28, 788	361, 839 4, 301 50, 534 20, 837	400, 061 4, 429 53, 507 23, 046	354, 301 4, 245 44, 061 18, 983	353, 293 3, 958 41, 330 18, 122	535, 736 4, 860 70, 926 31, 730	483, 505 4, 885 71, 449 30, 326	483, 798 5, 511 96, 368 40, 097	701, 142 5, 620 97, 453 40, 252	613, 837 6, 043 111, 072 44, 364	565, 35 6, 04 106, 14 43, 10
Average sale per occupied room • dollars_ Rooms occupiedpercent of total_	3. 09	2. 94 60	2. 99 64	3. 12 61	2. 95 56	2. 94 68	3. 01 66	2. 89 65	3. 00 63	2. 85 64	2. 97 64	2. 98 61	3. 1
Foreign travel: Arrivals, U. S. citizensnumber Departures, U. S. citizensnumber Emigrantsnnmber Immigrantsnumber Passports issuednumber National parks:		50, 177 39, 007 4, 430 3, 679 4, 814	27, 479 24, 159 3, 382 4, 288 4, 174	14, 202 19, 678 3, 708 2, 856 4, 202	13, 648 12, 781 2, 984 2, 797 4, 121	16, 674 17, 130 2, 980 2, 540 5, 098	20, 991 21, 189 1, 926 2, 252 4, 918	30, 678 26, 081 2, 108 2, 591 8, 071	24, 808 24, 149 2, 134 3, 016 15, 509	20, 010 21, 686 2, 643 3, 067 27, 725	21, 038 22, 732 2, 527 3, 008 31, 305	30, 346 36, 361 2, 780 3, 571 16, 980	57, 06 3, 00 3, 89
Visitorsnumber_ Automobilesnumber_ Pullman Co.:		268, 398 72, 731	77, 723 18, 141	41, 210 7, 828	36, 112 7, 020	69, 648 12, 967	68, 894 10, 899	98, 791 13, 328	98, 856 17, 814	163, 493 41, 684	373, 432 121, 056	672, 064 185, 337	155, 91
Passengers carriedthousands Revenues, totalthous. of dol		1, 364 4, 251	1, 278 4, 143	1, 246 3, 864	1, 409 4, 094	1, 533 5, 035	1, 359 4, 326	1, 312 4, 479	1, 353 4, 438	1, 295 4, 163	1, 430 4, 705	1, 516 5, 019	
COMMUNICATIONS Telephones:*		00.050	00.000	or 220	00 111	04 709	05 964	PR 000	80 774	00.000	80, 680	01 190	00.55
Operating revenues thous of dol. Station revenues thous of dol. Tolls, message thous of dol. Operating expenses thous of dol. Net operating income thous of dol. Telephones in service, end of mo.		82, 653 53, 923 21, 402 57, 394 16, 966	86, 328 56, 245 22, 630 59, 321 18, 529	85, 330 56, 732 21, 213 59, 741 17, 386	86, 111 56, 055 22, 314 60, 685 17, 367	86, 783 57, 167 21, 895 59, 498 17, 291	85, 364 56, 329 21, 271 57, 649 17, 746	88, 909 57, 594 23, 459 59, 582 19, 165	88, 754 57, 667 23, 298 59, 543 18, 818	89, 209 57, 864 23, 486 59, 614 19, 182	89, 680 57, 673 24, 116 59, 778 19, 268	91, 129 57, 681 25, 406 62, 136 18, 298	56, 72 24, 69 59, 96 18, 85
Telegraphs and cables: Operating revenuesthous of dol. Commercial telegraph tolls thous of dol. Operating expensesthous, of dol. Operating incomethous, of dol.		7,682	9, 830 7, 545 7, 989 1, 452	14, 568 9, 096 6, 882 7, 708 1, 002	14, 621 10, 245 7, 951 8, 475 1, 377	9, 223 7, 120 8, 050 744	14, 839 8, 978 6, 851 7, 793 760	14, 921 10, 046 7, 757 8, 288 1, 326	9, 996 7, 742 8, 156 1, 407	15, 088 9, 907 7, 787 8, 302 1, 292	15, 111 10, 551 8, 244 8, 513 1, 603	15, 549 10, 534 8, 258 8, 718 1, 399	10, 12

Monthly statistics through December 1931,	1936	1	19	35					19	36			
together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	Мау	June	July	August
	СН	EMIC	ALS .	AND .	ALLII	ED PR	ODU	CTS					
CHEMICALS Alcohol:													
Denatured: Consumption (disposed of) thous. of wine gal- Productionthous. of wine gal.	8, 478 8, 604	10, 064 10, 211	17, 947 17, 160	10, 816 10, 297	7, 950 7, 736	6, 143 6, 207	5, 954 5, 939	5, 645 5, 693	5, 942 6, 006	6, 864 7, 635	7, 302 7, 409	6, 117 6, 101	6, 949 6, 927
Stocks, end of month_thous. of wine gal_ Ethyl: Productionthous. of proof gal_	2, 756 16, 893	3, 148 19, 607	2, 351 23, 988	1,836 19,729	1, 632 17, 190	1,739 13,179	1, 718 12, 747	1, 767 14, 303	1,836 12,818	2, 607 14, 668	2, 707 14, 620	2, 666 17, 744	2, 635 17, 998
Stocks, warehoused, end of month thous. of proof gal	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 Tax paid*thous, of proof gal	15, 298 2, 359	17, 660 1, 911	29, 193 2, 445	17, 509 2, 223	12, 921 1, 903	10, 433 1, 840	9, 860 1, 649	9, 512 2, 054	10, 295 2, 441	13, 109 1, 989	12, 605 2, 119	10, 591 2, 780	12, 458 2, 529
Methanol: Exports, refined Price, refined, wholesale, N. Y.	34, 976	51, 490	102, 296	39, 230	63, 733	105, 895	40, 843	73, 349	41,915	40, 897	19, 496	18, 090	48, 400
Production:	429, 500	.38	454, 233	.38	, 38 478, 331	. 38	.38	. 38	.38	.38	.38	.38 374, 110	.38
Crude **A gallons_Synthetic gallons_Explosives:	ĺ	1,539,554 27,940	2,508,978 29,498	2,373,475 26, 876	1,654,794 25, 509	1,418,863 28,492	28, 825	1,631,832 25,514	1,692,921 27,483	1,754,998 30,394	1,863,405 31,471	1,950,825 30, 484	2,309,377 32, 567
Shipments†thous, of lb_ Sulphur and sulphuric acid: Sulphur, production (quarterly)•		352, 690	20, 100		374, 276			389,608	21, 400		384, 671	30,434	32, 007
Sulphuric acid (104 plants): Consumed in production of			191 441	105 406		105 700	117 964		P1 001	99.200		00.005	114 501
fertilizershort tons Price, wholesale, 66°, at works dol. per short tons Productionshort tons		101, 708 15, 50	131, 441	125, 496 15, 50	132, 508	125, 730 15, 50	117, 864	106, 785	81, 921 15, 50	82, 396 15. 50	95, 168 15, 50	99, 325 15, 50	114, 521 15. 50
Purchases: From fertilizer mfrsshort tons	32,304	130, 260 35, 742	149, 729 33, 396	153, 792 35, 134	172, 823 30, 185	156. 878 24, 932	152, 860 13, 352	141, 339 15, 722	119, 565 10, 721	126, 419 13, 518	122, 681 15, 437	121, 166 29, 712	30, 065
From othersshort tons Shipments:		12, 111 30, 888	17, 540 28, 031	18, 946 29, 525	22, 402 38, 363	22, 193 35, 007	15, 111 20, 921	15, 988 22, 307	12, 273 13, 258	16, 725 20, 870	26, 922 18, 129	21, 111 22, 106	23, 383 31, 221
To fertilizer mfrs	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
Consumption, Southern States thous. of short tons	145 150, 753	95 208, 797	151 161, 955	86 153, 467	124 137, 754	341 164, 458	545 149, 917	1, 402 178, 789	1, 023 117, 628	249 144, 811	84 101, 923	44 151, 082	61 126, 899
Exports, total	14, 470 121, 554	28, 507 172, 425 2, 181	34, 219 115, 797 1, 306	36, 216 104, 520 186	17. 723 114, 438 62	34, 025 112, 802	36, 326 105, 420 276	31, 552 133, 762	17, 515 91, 481 301	19, 767 116, 448	7, 400 89, 691	13, 311 123, 950	9, 131 105, 539
Imports, totalt# long tons Nitrogenoust long tons	799 72, 382 32, 651	51, 317 32, 794	71,956 35,951	155, 686 50, 970	143, 580 75, 301	1, 233 149 473 89, 538	218, 892 165, 555	139 173, 708 134, 406	189, 085 149, 968	85 140, 334 107, 828	158 75, 888 58, 866	513 64, 619 35, 320	298 64, 514 36, 250
Nitrate of sodatlong tonslonglong tonslong tonslong tonslong tonslong tonslonglonglonglonglonglonglong	1, 383 2, 494 32, 310	9, 961 1, 206 12, 074	10, 641 4, 104 21, 704	22, 256 4, 166 70, 791	38, 528 8, 075 56, 839	32, 642 4, 299 53, 097	92, 739 6, 332 43, 885	62, 115 4, 252 31, 749	100, 982 3, 368 28, 553	69, 733 7, 348 8, 677	36, 216 4, 619 6, 065	6, 773 1, 779 24, 844	5, 640 4, 480 19, 427
Superphosphate, bulk:	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
Production short tons Shipments to consumers short tons Stocks, end of month short tons	297, 090 127, 378 874, 588	226, 317 82, 059 1,013,399	281, 892 87, 313 1,102,407	288, 307 29, 178 1,199,542	320, 800 28, 438 1,217,767	298, 073 33, 163 1,190,315	259, 374 54, 687 1,137,700	257, 728 238, 498 953, 739	216, 558 219, 340 742, 105	203, 945 119, 612 702, 335	225, 485 45, 817 721, 243	243, 162 9, 510 770, 790	256, 792 21, 113 845, 381
Pine oil: NAVAL STORES Productiongallons	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. Ydol. per bbl. Receipts, net 3 portsbbl. (500 lb.). Stocks, 3 ports, end of month. bbl. (500 lb)	7. 23 95, 693 194, 883	5. 18 88, 784 310, 697	5. 50 93, 917 306, 658	5. 61 95, 860 334, 226	5, 28 75, 552 315, 021	4, 91 41, 226 271, 749	4, 68 23, 348 222, 638	4, 45 32, 002 156, 291	4. 51 58, 894 144, 782	4. 50 82, 736 144, 258	5. 12 97, 781 156, 592	5. 83 108, 648 173, 946	6. 91 101, 939 188, 065
Rosin, wood: Production	57, 789 77, 767	47, 388 86, 485	43, 719 76, 311	47, 214 72, 861	43, 894 72, 901	52, 156 80, 278	52, 693 83, 021	51, 326 83, 346	54, 209 87, 257	53, 640 93, 152	52, 418 92, 945	55, 151 79, 128	58, 572 76, 110
Turpentine, gum: Price, wholesale, N. Ydol. per gal. Receipts, net, 3 portsbbl. (50 gal.) Stocks, 3 ports, end of month.bbl. (50 gal.)	.42 21,894 114,127	.45 18,798 131,273	.48 20, 646 134, 539	. 49 20, 101 142, 625	. 47 13, 350 145, 216	3, 808 135, 959	1, 442 125, 285	. 42 4, 800 114, 789	. 40 15, 157 99, 320	. 38 23, 470 99, 562	. 40 27, 418 105, 141	29, 810 108, 550	. 43 26, 173 113, 983
Turpentine, wood: Productionbbl. (50 gal.) Stocks, end of monthbbl. (50 gal.)	8, 578 10, 228	7, 550 2, 937	6, 910 3, 023	7, 474 4, 001	7, 355 5, 531	9, 042 8, 553	8, 740 11, 582	8, 580 10, 733	8, 662 10, 610	8, 636 9, 275	8, 093 7, 492	8, 523 7, 669	8, 7 8 5 8, 019
OILS, FATS, AND BYPRODUCTS Animal fats and byproducts and fish oils (quarterly):		l									,		
Animal fats:† Consumption, factorythous. of lb. Productionthous. of lb. Stock, end of quarterthous. of lb.	245, 453 375, 493 358, 645	203, 048 275, 430 361, 160			210, 541 319, 916 364, 010			176, 605 384, 461 391, 123			208, 694 396, 857 384, 249		
Gelatin, edible: Productionthous. of lb_ Stocks, end of quarterthous. of lb_	3, 701 7, 317	2, 853 6, 841			5, 323 7, 987			5, 597 8, 590			5, 656 8, 853		
Greases:† Consumption, factorythous. of lb_ Productionthous. of lb_ Stocks, end of quarterthous. of lb_	53, 265 82, 139 64, 321	45, 324 64, 399 66, 856			52, 121 68, 942 63, 645			46,813 71,680 68,243			46, 611 75, 208 69, 354		
Lard compounds and substitutes: † Production	438, 606 40, 619	32, 575			469, 674 39, 890			333, 200 36, 797	 		349, 861 39, 156		
* New series. For earlier data see p. 20 of	the April	1935 issue	(alcohol w	ithdrawn	tax paid)	. p. 20 of t	ne April 1	933 issue (production	n of crude	a methano	ol) Latt	er series

Stocks, end of quarter ... thous of ib | 40,619 | 32,575 | ... | 38,890 | ... | 36,797 | ... | 39,156 | ... | 39,156 | ... | 80,890 | ... | 36,797 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 39,156 | ... | 3

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1936		19	35					19	36 	,		
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	Мау	June	July	August
СНІ	EMICA	ALS A	ND A	LLIE	D PR	oduc	TS—	Contin	ued				
OILS, FATS, AND BYPRODUCTS—Con.													
Animal fats and byproducts and fish oils— Continued. Fish oils (quarterly):† Consumption, factorythous. of lb Productionthous. of lb Stocks, end of quarterthous. of lb	77, 074 82, 201 155, 492	63,346 67,249 187,916			67, 328 117, 078 212, 667			65,874 45,364 205,121			67, 334 12, 006 147, 700		
Vegetable oils and products: Vexetable oils, total: Consumption, factory (quarterly)† thous. of lb. Exports	362 62, 429 484, 565	609, 071 383 92, 174 456, 913 536, 998	237 87, 810	338 79, 966	1,004,980 329 114,354 950,784 632,757	526 94, 611	181 77, 068	854, 835 648 82, 003 707, 370 743, 420	478 107, 837	557 87, 928	688, 802 245 75, 455 400, 555 628, 160	490 84, 853	405 77, 886
Crude thous, of lb. Refined thous of lb. Copra and coconut oils: Copra: Consumption, factory (quarterly)	288, 572	355, 800			477, 563			593,446			492, 852		
short tons Imports#short tons Stocks, end of quartershort tons Coconut or copra oil: Consumption, factory:	49, 164 24, 933 14, 865	48, 424 19, 535 29, 565	27, 433	32,019	66, 737 22, 873 40, 039	13, 297	24, 511	56, 394 14, 976 31, 902	16, 971	11, 908	56, 449 11, 636 16, 896	17, 416	14, 789
Crude (quarterly)†thous, of lb Refined, total (quarterly)† thous, of lb In oleomargarinethous, of lb Imports#thous, of lb	93, 648 13, 964 15, 689	130, 395 101, 105 16, 771 25, 965	16, 372 31, 055	15, 275 21, 985	135, 073 105, 252 15, 024 45, 122	17, 946 23, 507	27, 108 37, 972	99,594 13,289 22,532	12, 334 40, 336	9, 979 32, 569	84, 904 9, 733 14, 820	9, 554 33, 835	
Production (quarterly): Crudethous, of lb Refinedthous, of lb Stocks, end of quarter:	63, 004 95, 678	61, 569 91, 345 109, 836			84, 509 93, 006 127, 904			69,894 87,262 129,419			72, 049 83, 629 129, 894		
Crudethous. of lb Refinedthous. of lb Cottonseed and products: Cottonseed:t Consumption (crush)short tons Receipts at millsshort tons	77, 121 14, 241 592, 820 1,258,890	23, 560 a437, 260	741, 295 1,096,758	634, 326 693, 101	23, 992 518, 673 481, 299	458, 656 244, 044	350, 614 85, 646	17, 973 252, 065 80, 564	133, 666 31, 670	70, 992 23, 982	16, 074 42, 253 25, 831	32, 253 15, 094	102, 45 252, 83
Stock at mills, end of month short tons. Cottonseed cake and meal: Exportst	1,205,350 838,379 549 264,173	4468, 596 1, 420 4104, 230	828, 029 2, 418 336, 139	886, 804 1, 403 287, 362	849, 430 1, 382 231, 337	636, 818 189 207, 346	371, 850 2, 567 163, 342	200, 349 781 114, 649	98, 353 74 63, 599	51, 343 38 36, 009	34, 921 38 19, 954	17, 762 115 18, 551	168, 14 50 46, 77
Stocks at mills, end of menth short tons_ Cottonseed oil, crude:† Productionthous. of lb_ Stocks, end of menththous. of lb_ Cottonseed oil, refined: (westerly)4	126, 014 176, 256 92, 667	4194, 216 4130, 089 473, 918	253, 294 225, 168 110, 557	312, 279 193, 025 119, 314	355, 432 154, 286 131, 843	358, 752 135, 623 128, 618	322, 211 107, 792 126, 446	285, 958 81, 055 113, 413	202, 429 43, 137 85, 206	166, 272 24, 743 62, 602	118, 886 14, 408 36, 147	68, 905 10, 344 18, 707	45, 56 29, 78 26, 54
Consumption, factory (quarterly)† thous of lb. In oleomargarinethous of lb. Price, summer yellow, prime. N. Y. dol. per lb.	332, 216 9, 681 . 102	360, 590 6, 714 . 102		8, 549	361, 863 9, 120	8, 626	10, 700	241, 169 8, 178	8, 347 . 094	7,361	263, 502 6, 649	7,612	7,60
Productiont thous of lb. Stocks, end of month thous of lb. Flaxseed and products: Flaxseed: Imports, United States#.thous. of bu.	92, 306 228, 764	^a 74,312 ² 286,331 1,322	161, 333 289, 326	176, 261 343, 550 1, 254	139, 381 401, 284 1, 690	126, 945 453, 990 886	114, 079 489, 195 1, 414	84, 935 504, 033 1, 496	65, 190 487, 536 1, 037	41,006 460,727	41, 025 408, 965	29, 476 319, 015	22, 72 237, 22
Minneapolis and Duluth: Receipts	1, 813	4, 009 389 2, 040	3, 148 1, 299 3, 326	952 1, 266 2, 597	415 298 2, 153	229 142 1, 928	99 119 1,640	224 131 1, 246	172 95 791	270 160 535	542 181 348	255 291 285	1, 53 66 66
thous. of bu Stocks, end of quarter. thous. of bu Price No. 1, Minneapolis. dol. per bu Production, crop estimate thous. of bu	4,817 2,083 2,14	5, 998 3, 005 1, 68	1. 79	1.80	8, 264 4, 270 1, 83 /14, 123	1.87	1, 84	7, 094 2, 434 1, 76	1.72	1.69	5, 168 2, 222 1, 77	2.06	2. 1
Stocks, Argentina. end of month thous. of bu. Linseed cake and meal: Exportsthous. of lb. Shipments from Minneapolis	2, 276 5, 512 32, 581	4, 331 35, 356	3, 543 37, 430	2, 559 40, 983	1, 969 59, 293 22, 245	3, 150 39, 399	4, 331 36, 225	5, 315 42, 379	6, 299 33, 233	6, 693 27, 117	5, 906 25, 794	6, 299 20, 469	5, 90 24, 14
thous. of lb Linseed oil: Consumption, factory (quarterly)† thous. of lb Price, wholesale, N. Ydol. per lb Production (quarterly)†thous. of lb Shipments from Minnthous. of lb	3, 205 79, 705 .101 91, 098 3, 538	73, 812 . 089 116, 667 10, 235	22, 647	. 097 6, 854	75, 404 .101 156, 569 4, 069	21, 782 .101 .8, 605	15, 244 . 100 . 7, 853	21, 748 65, 574 .098 132, 137 10, 200	23, 715 . 095 . 9, 372	. 094	84, 129 . 095 100, 119 12, 932	12, 891 . 100 . 7, 273	11, 36
Stocks at factory, end of quarter thous, of lb Oleomargarine: Consumption (tax-paid withdrawals)	1	106, 332		-	146, 532	1	37,851	187,466			140, 666		-
thous, of lb Price, standard, uncolored, Chicago dol. per lb Productionthous, of lb Vegetable shortenings: Price, tierces, Chicagodol. per lb	. 138 33, 711	32, 440 .130 31, 855	32, 261	33,962	32, 831 . 145 33, 506	. 145 36, 558	37, 851 . 145 38, 835 . 118	32, 368 . 145 33, 794 . 117	32, 464 . 143 32, 302 . 117	26, 941 . 130 25, 580 . 109	22, 549 . 125 25, 834 . 107	26, 796 . 125 27, 695 . 117	30, 38

*Revised.

*Cotober 1 estimate.

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

*The vised series: Monthly data or octtonseed 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 neal 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.

Digitized for FRASER #See footnote on p. 37 of the October 1934 issue.

Data revised for 1934, p. 20, of the December 1935 issue.

Data revised data on inports of vegetable oils for 1932, see p. 17 of the June 1933 issue; for 1933, p. 20, of the October 1934 issue; and 1933 were shown on p. 19 of the March 1935 issue.

Digitized for FRASER #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.

The december 1935 issue are shown on p. 37 of the October 1934 issue; for 1934 revisions, see p. 20 of the December 1935 issue.

The december 1935 issue are shown on p. 37 of the October 1934 issue; for 1934 revisions, see p. 20 of the December 1935 issue.

Monthly statistics through December 1931,	1936	<u> </u>	19	35					193	36			
together with explanatory footnotes and references to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru-	March	April	May	June	July	August
	! <u>.</u> !	ALS A	ND A				- '	Conti	nned				
		1	112										
PAINTS Paints, varnish, lacquer, and filler products: Total sales	33, 450 22, 338 9, 564 12, 774	28, 536 19, 039 7, 985 11, 054	32, 853 22, 132 9, 519 12, 613	25, 427 17, 856 8, 986 8, 870	20, 039 14, 271 7, 561 6, 710	23, 804 16, 355 8, 188 8, 167	20, 181 14, 363 7, 162 7, 201	29, 912 20, 728 9, 282 11, 446	36, 209 25, 199 11, 021 14, 178	40, 950 28, 026 10, 746 17, 280	38, 736 26, 587 10, 795 15, 792	33, 919 23, 393 10, 287 13, 106	33, 380 22, 338 9, 095 13, 243
Unclassified (235 estab.)s. Linous. of col. Plastic, cold-water paints, and calcimines: Sales: Calcimines	11, 112 292, 071 47, 268 149, 333	9, 497 274, 829 27, 463 102, 379	10, 721 264, 306 34, 414 105, 306	7,751 212,871 31,760 77,784	5, 768 205, 543 21, 468 72, 918	7,448 280,896 31,292 89,730	5,818 199,183 27,734 76,971	9, 185 293, 756 44, 520 134, 803	11, 010 348, 953 47, 407 147, 160	12, 924 361, 356 51, 758 175, 088	12, 149 306, 656 54, 817 158, 285	10, 526 261, 462 49, 389 139, 565	297, 878 50, 267 133, 825
CELLULOSE PLASTIC PRODUCTS													
Nitro-cellulose:* Sheets, rods, and tubes: Production	1,787 1,532 1,204	1, 551 1, 435 882	1,660 1,598	1, 298 1, 420	1, 469 1, 398	1, 230 1, 252	1, 322 1, 148	1, 224 1, 239	1, 388 1, 319	1, 345 1, 288	1, 154 1, 206	1, 225 1, 198 1, 002	1, 463 1, 501 1, 162
Shipmentsthous. of lb ROOFING	1,027	884	1, 239	1, 114	859	934	546	939	1, 097	921	850	746	1, 468
Dry roofing felt: Production		20, 419 7, 376 3, 102 834 766 1, 501	24, 716 6, 962 3, 180 850 869 1, 461	16, 851 7, 577 1, 952 498 482 972	15, 780 8, 935 1, 186 270 308 607	17, 296 8, 677 1, 668 366 341 961	19, 313 7, 902 3, 139 660 565 1, 914	22, 528 7, 999 2, 451 566 681 1, 205	23, 713 7, 986 2, 744 634 887 1, 223	22, 391 8, 630 2, 103 566 740 797	21, 956 10, 479 2, 330 653 764 913	20, 209 10, 583 2, 509 637 784 1, 088	21, 833 9, 550 2, 994 783 908 1, 303
	<u> </u>	1	· · · · · · · · · · · · · · · · · · ·	G BO	*****	4 37T	G A G		l	!			<u> </u>
	1	1.1.1.1	CIRI	C PO	WER	AND	GAS						1
ELECTRIC POWER	0 200		0.045	0.000	0.100	0.040	0.500	0.004	0.000	0.005	0.104	- 0 450	- 0.000
Production, total† mills. of kwhr_ By source: Fuels† mills. of kwhr_ Water power† mills. of kwhr_	9, 703 6, 678	8, 206 5, 182	8, 847 5, 975	8, 690 5, 432	9, 139 5, 850	9, 246 5, 881	8, 599 5, 681	8, 904 5, 114	8,892 4,878	9,085 5,163	9, 124 5, 853	a 9, 672 a 6, 529	4 9, 800 4 6, 733
By type of producer: Central stations†mills. of kwhr_ Street railways, manufacturing plants.	3, 026 9, 159	3,024 7,731	2, 872 8, 361	3, 258 8, 209	3, 288 8, 588	3, 365 8, 747	2, 918 8, 118	3, 790 8, 423	4, 014 8, 417	3, 923 8, 604	3, 271 8, 594	a 3, 143 a 9, 111	a 3, 067 a 9, 240
etc			6,823 1,186 1,220 3,726	6, 927 1, 289 1, 293 3, 624	7, 029 1, 368 1, 361 3, 493	7, 278 1, 466 1, 403 3, 567	6, 999 1, 340 1, 324 3, 514	6, 913 1, 254 1, 256 3, 649	7, 069 1, 223 1, 281 3, 842	7,085 1,165 1,266 3,975	7, 264 1, 144 1, 275 4, 197	7, 519 1, 159 1, 317 4, 362	7, 723 1, 180 1, 361 4, 487
mills. of kwhr_ Railroads: Electrified steammills. of kwhr_			207 73	217 79	227 86	234 100	219	209 83	193 86	180 77	159 74	171 99	188 97
Street and interurban mills. of kwhr Revenues from ultimate consumers (Edison Elec. Inst.)thous. of dol		328	360 162, 789	368 169, 339	439 173, 459	446 179, 141	435 171, 220	394 165, 650	375 165, 703	354	346 164, 007	342 167, 672	340 169, 636
GAS Manufactured gas:*† Customers, totalthousands. Domesticthousands. House heatingthousands. Industrial and commercial. thousands. Sales to consumersmillions of cu. ft. Domesticmillions of cu. ft. House heatingmillions of cu. ft. Industrial and commercial.		9, 473 106 435 27, 492 19, 189 550	10, 033 9, 467 121 434 29, 897 20, 008 1, 571	9, 994 9, 421 128 437 30, 164 18, 543 3, 223	10, 005 9, 425 131 439 33, 480 18, 679 5, 716	9, 960 9, 333 133 485 35, 960 19, 922 6, 669	9, 972 9, 346 135 481 36, 611 20, 146 7, 053	9, 973 9, 343 129 487 34, 129 19, 219 5, 282	10, 011 9, 378 132 488 33, 018 18, 781 4, 223	10, 098 9, 465 136 485 31, 334 18, 866 2, 805	10, 080 9, 454 130 485 29, 531 18, 941 1, 032	10, 106 9, 484 125 485 27, 249 17, 279 636	10, 119 9, 499 126 484 25, 723 16, 159 491
millions of cu. ft Revenue from sales to consumers thous. of dol Domesticthous. of dol House heatingthous. of dol Industrial and commercial thous. of dol		30, 140 24, 140	8, 134 31, 753 24, 697 1, 150 5, 782	8, 206 31, 308 23, 416 1, 849 5, 912	8, 861 33, 013 23, 336 3, 291 6, 244	9, 143 34, 555 23, 800 4, 113 6, 495	9, 190 34, 653 23, 322 4, 612 6, 571	9, 422 32, 887 22, 742 3, 514 6, 490	9, 827 32, 093 22, 885 2, 585 6, 476	9, 493 31, 839 23, 820 1, 553 6, 336	9, 412 30, 699 23, 693 773 6, 127	9, 156 28, 689 22, 123 499 5, 966	8, 936 27, 223 20, 861 402 5, 848
Natural gas:*† Customers, total thousands Domestic thousands Industrial and commercial thousands Sales to consumers millions of cu. ft Domestic millions of cu. ft Industrial and commercial millions of cu. ft		5, 880 5, 468 411 75, 325 14, 135	5, 947 5, 510 435 85, 028 18, 556 65, 252	6, 018 5, 552 464 99, 714 26, 726 71, 691	6, 039 5, 563 474 113, 418 36, 325 75, 680	5, 987 5, 515 470 123, 778 43, 715 78, 980	6,004 5,532 469 136,242 50,131 84,673	6, 033 5, 559 472 113, 823 38, 942 73, 442	6, 027 5, 560 465 106, 193 31, 859 72, 770	6, 033 5, 578 453 92, 639 23, 658	6, 011 5, 581 429 85, 014 16, 854	6, 010 5, 586 422 82, 696 13, 735 68, 121	6, 037 5, 611 424 85, 330 12, 678
Revenues from sales to consumers thous. of dol. Domestic	l .		25, 805 13, 677 11, 958	32, 099 18, 316 13, 591	38, 825 23, 635 14, 981	44, 312 27, 964 16, 178	48, 116 30, 581 17, 296	39, 732 24, 667 14, 846	35, 475 21, 034 14, 219	67, 588 29, 251 16, 429 12, 635	67, 137 24, 812 12, 703 11, 980	22, 904 10, 913 11, 863	71, 402 22, 778 10, 353 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.

http://fracer.etlequiefed.com/

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1936		19	35					19	36			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	Мау	June	July	August
		FOO	DSTU	FFS	AND	това	cco						
BEVERAGES	{	İ	}			{							
Fermented malt liquors:* Consumption (tax-paid withdrawals) thous. of bbl. Productionthous. of bbl. Stocks, end of monththous. of bbl. Distilled spirits:*	5, 183	3, 931 3, 868 6, 690	3, 790 3, 735 6, 496	3, 366 3, 221 6, 204	3, 104 3, 219 6, 205	2, 679 3, 335 6, 640	2, 685 2, 932 6, 802	3, 738 4, 433 7, 333	3, 887 4, 970 8, 208	5, 041 5, 418 8, 409	5, 600 6, 061 8, 633	6, 670 6, 791 8, 525	5, 938 5, 771 8, 122
Consumption (tax-paid withdrawals) to thous of proof gal—thous of proof gal—Production, total—thous of proof gal—Whisky—thous of proof gal—Stocks, end of month—thous of proof gal—Whisky—thous of proof gal—Rectified spirits: Alcohol, ethyl, withdrawn tax paid (see p.	19, 063 352, 151	7, 020 6, 372 16, 238 13, 989 187, 729 180, 066	7, 807 7, 076 23, 002 16, 549 195, 796 188, 423	9, 045 8, 237 25, 000 18, 301 205, 382 197, 788	8, 219 7, 315 24, 412 19, 910 215, 518 207, 154	6, 019 5, 421 21, 910 20, 340 230, 425 221, 602	6, 173 5, 687 19, 804 18, 838 242, 830 233, 797	6, 203 5, 531 22, 691 21, 612 258, 221 248, 946	6, 177 5, 390 23, 251 21, 917 273, 798 264, 389	5, 666 4, 760 23, 373 22, 158 290, 739 281, 208	5, 229 4, 288 24, 274 22, 693 310, 793 300, 653	5, 823 4, 643 21, 720 19, 994 325, 990 315, 936	5, 200 4, 279 19, 763 17, 824 339, 820 328, 808
39): Consumption (tax-paid withdrawals)* thous. of proof gal	2, 783	2, 019	2, 614	2, 969	2,998	2, 304	2, 028	2, 3 35	2, 367	2,044	1,937	2, 159	1, 936
DAIRY PRODUCTS Butter:									•				
Consumption, apparent*†thous. of lb Price. N. Y., wholesale (92-score)	1 -	149, 886	148, 201	144, 921	137, 264	127, 594	122, 114	123, 524	131, 896	162, 006	132, 596	122, 804	131, 579
dol. per lb_ Production (factory)†thous. of lb_ Receipts, 5 marketsthous. of lb_ Stocks, cold storage, creamery, end of	131, 862 44, 637	. 26 141, 786 48, 294	. 28 119, 748 42, 149	96, 462 32, 898	. 34 105, 147 35, 734	. 35 108, 172 42, 257	. 37 106, 688 41, 211	. 32 120, 162 45, 829	130, 928 48, 379	178, 028 56, 537	. 30 185, 223 69, 435	. 34 152, 001 54, 676	. 36 139, 363 44 , 792
monththous. of Ib	108, 777	148, 822	120, 210	71, 948	40, 117	21, 502	8, 217	5, 346	4, 997	21, 157	73, 816	103, 259	a112, 106
Consumption, apparent† thous of lb. Imports# thous of lb. Price, no. 1 Amer. N. Y dol. per lb. Production (factory)† thous of lb. American whole milk† thous of lb. Receipts, 5 markets thous of lb.	53, 331 5, 796 . 20 55, 389 43, 307 12, 098	56, 840 3, 632 . 17 a 70, 751 a 49, 053 16, 384	63, 891 6, 015 .17 63, 580 42, 114 16, 836	52, 982 5, 880 . 18 °48, \$26 °28, 811 15, 423	46, 700 3, 022 . 19 47, 138 427, 345 11, 488	54, 879 3, 240 . 18 43, 841 29, 455 10, 416	53, 651 3, 794 .17 39, 809 27, 051 13, 339	57, 436 5, 693 . 17 45, 317 32, 409 15, 164	62, 127 4, 217 . 15 48, 816 37, 089 13, 398	70, 165 3, 152 . 15 65, 339 52, 395 14, 206	76, 150 4, 257 . 17 83, 132 67, 101 21, 191	6C, 370 5, 463 . 20 63, 922 53, 032 18, 479	53, 897 6, 452 . 21 57, 693 44, 451 15, 981
Stocks, cold storage, end of month† thous, of lb American whole milk†thous, of lb Milk:	115, 309 98, 498	114, 953 102, 661	111, 731 100, 670	104, 661 92, 912	99, 572 86, 537	90, 890 78, 197	79, 556 68, 363	73, 952 62, 261	67, 776 55, 756	70, 783 56, 946	85, 798 70, 282	97, 403 80, 735	^a 107, 542 ^a 90, 471
Condensed and evaporated: Production:	00.440	. 10 700	0.15 155	4 14 570	- 17 001	10 000	01 054	92 200	00 140	28, 864	33, 537	29, 339	19, 274
Condensed (sweetened)_thous, of lb Evaporated (unsweetened) thous, of lb	22, 448 185, 780	^a 16, 798 134, 809	4 15, 155 105, 710	4 14, 578 86, 337	4 17, 891 101, 604	19, 833	21, 254 112, 704	23, 328 144, 222	22, 140 181, 552	248, 258	268, 199	211, 299	183, 428
Exports: Condensed (sweetened)_thous. of lb	204	235	275	332	474	147	257	229	246	262	465	86	60
Evaporated (unsweetened) thous. of lb	2,904	2, 383	2, 108	2, 646	2, 585	1,810	2, 719	2, 463	1, 765	2, 138	1, 696	1, 828	2, 118
Prices, wholesale, N. Y.: Condensed (sweetened) dol. per case	4.85	4.85	4.85	4.85	4.85	4.85	4, 85	4, 85	4.85	4.85	4.85	4.85	4.85
Evaporated (unsweetened) dol. per case Stocks, manufacturers, end of month:	3.40	2 . 80	2.80	2. 90	3 , 12	3, 15	3 , 15	3. 15	3. 15	3. 15	3. 15	3, 28	3, 40
Condensed (sweetened): Bulk goodsthous. of lb Case goodsthous. of lb	12, 363 12, 109	8, 333 17, 349	5, 497 14, 678	3, 373 11, 697	2, 931 8, 829	2,845 6,044	2, 329 3, 659	2, 741 2, 963	4,588 3,741	9, 374 8, 252	14, 664 11, 275	13, 654 11, 188	412, 250 11, 116
Evaporated (unsweetened): Case goodsthous. of lb_ Fluid milk:	160, 578	343, 132	229, 065	91, 250	72, 916	66,094	45, 375	42, 597	61, 775	141,774	186, 359	99, 638	102, 021
Consumption in oleomargarine thous. of lb Production, Minn. and St. Paul	6, 357	6, 515	6, 506	6, 787	6,932	7, 396	7, 555	6, 622	6, 529	5,029	5, 521	5, 258	5, 847
Receipts:	26, 245	24,773	23, 075	22, 738	28, 022	31, 578	30, 919	35, 548	3 6, 039	41, 673	42, 051	32, 183	28, 098
Boston, incl. creamthous. of qt Greater New York*thous. of qt Powdered milk:	ì	16, 529 107, 265	17, 768 109, 639	17, 160 105, 925	16, 210 109, 377	16, 380 111, 875	15, 308 104, 459	15, 266 114, 536	15, 694 110, 640	17, 387 120, 137	16, 550 114, 657 428	18, 142 117, 126 383	17, 781 115, 060 312
Exports thous. of lb. Orders, net, new thous. of lb. Stocks, mirs. end of mothous. of lb.		282 14, 844 29, 702	252 13, 559 23, 166	234 13, 254 14, 580	12, 654 10, 121	305 10, 952 9, 212	236 10, 720 8, 485	268 12, 316 9, 435	286 14, 778 11, 225	352 13, 837 21, 252	16, 131 32, 007	29, 264	a 24, 809
FRUITS AND VEGETABLES		ł											
Apples: Production, crop estimatethous. of bu Shipments car lotfcarloads		6, 855	18, 836	7, 546	/ 167, 283 5, 378	4, 740	6, 283	5, 414	4, 563	2, 281	863	1, 373	1, 024
Stocks, cold storage, end of month thous. of bbl Citrus fruit, car-lot shipments†carloads Onions, car-lot shipments†	2, 328 7, 417 3, 363	2, 510 6, 800 3, 420	10, 276 8, 911 3, 654	11, 018 11, 153 2, 392	9, 686 14, 450 1, 518	8, 225 13, 260 2, 592	5, 976 13, 516 2, 625	3, 769 15, 016 1, 838	1, 783 14, 628 3, 645	668 13, 539 3, 858	11, 050 3, 614	9, 522 1, 018	6, 536 1, 479
Potatoes: Price, white, N. Ydol. per 100 lb Production, crop estimatethous. of bu	1. 795 •322, 263	.906	1.120	1.800	1. 790 /387, 678 11, 356	1. 656	1,700	1.820	2. 406 18, 718	2, 519 17, 114	3, 665 18, 598	2. 456 14, 425	1. 863 12, 371
Shipments, car lottcarloads_		12,362			•			1 actimat	-		ar Lastin		,, 01.

*Revised. \$Bulk evaporated milk not included since December 1931. • Oct. 1 estimate.

*New series. Beverage figures are compiled by the U. S. Treasury, Alcohol Tax Unit. Monthly data on distilled spirits available heginning 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. 1 Revised series. For revisions refer to the Indicated pages of the monthly issues, as follows: For 1934 revisions see p. 20 of the December 1935 issue.

*American whole-milk cheese, and production of condensed and evaporated milk, p. 20, January 1933. For earler data on stocks (cold-storage holdings) of total and American whole-milk cheese, p. 19, A pril 1933. For 1932 revisions on production of condensed and evaporated milk, p. 20, January 1933. For earler data on stocks (cold-storage holdings) of total and American whole-milk cheese, p. 19, A pril 1933. For 1932 revisions on butter and cheese consumption and 1933 revisions on production of butter, cheese, condensed and evaporated milk, see p. 39, November 1935. For 1932 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, p. 1945 and 1945 revisions on production of butter and cheese see p. 190 of the November 1935 issue. For 1934 revisions on production of butter and cheese see p. 190 of the November 1935 issue. For 1934 revisions on production of butter and cheese see p. 190 of the November 1935 issue. For 1934 revisions see p. 20, January 1935 issue. Data on consumption of distilled spirits (withdrawn tax paid) plus brandy tax paid direct from fruit dist

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1936		19	35					19	36			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	Мау	June	July	August

FOODSTUFFS AND TOBACCO—Continued

GRAIN AND PRODUCTS]								
Exports, principal grains, including flour and	4 944	2 440	0.777	0.001	0.401	0.744	1.000	0.150	1.040	0.500	0.700	D 007	0.440
meal†thous. of bu	4, 844 1, 006	3, 449 1, 953	2, 777 1, 138	2, 601 872	2, 481 1, 240	2, 144 823	1,683 359	2, 156 573	1,842 323	2, 530 806	2, 733 704	2, 087 523	3, 442 1, 614
Price, no. 2, Minn.: Straight*dol per bu Malting*dol, per bu Production, crop estimatethous_of_bu	1.30 1.28	. 58 . 69	.61 .65	. 56 . 62	. 59	. 67	. 66 . 71	. 66	. 68	. 64 . 67	. 64 . 70	. 87 . 92	1. 22 1. 24
Receipts, principal markets"_thous. of bu	*113, 916 9, 683	13, 780	9, 923	7,827	7282, 226 4, 809	6, 142	3, 826	7,845	5, 966	5, 565	5, 893	5, 992	16, 583
Visible supply, end of month thous of bu Corn:	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
Exports, including meal†thous, of bu Grindingsthous, of bu Prices, wholesale:	6,778	28 4,857	6, 232	42 5, 894	6,128	6,356	6,113	70 7,088	a6, 209	46, 242	219 a5, 386	∘6, 480	82 46, 898
No. 3, yellow (Kansas City) dol. per bu- No. 3, white (Chicago) dol. per bu-	1, 12 1, 27	.78 .82	.81 .85	. 62 . 64	. 61 . 55	(1) 62	.67 .62	. 63 . 58	. 63 . 64	.62 .67	. 62 . 71	. 94 1. 01	1. 15 1. 24
Preduction, crop estimatethous. of bu Receipts, principal marketsthous. of bu	°1,509,362 9, 213	7, 129	9, 544	18, 879	2,291,629 18,729	} 14,466	13, 640	18, 003	17, 497	16, 227	24, 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	8,508	11, 320	15, 194	11,926	7, 711
Visible supply, end of montb [●] thous. of bu	4, 336	3,932	2, 481	4, 884	7,685	6, 802	5,008	7, 955	8, 673	6, 511	7, 743	4, 908	4, 787
Oats: Exports, including oatmealt thous. of bu- Price. no 3, white (Chicago) del. per bu-	68 . 44	$^{142}_{.30}$	105 , 30	. 83 . 29	77 . 29	70 .30	.80 .30	. 88 . 28	62 . 28	81 , 27	425 . 28	. 59 . 37	89 . 44
Production, crop estimatethous. of bu	*783, 750 4, 007	21, 300	12, 089	6, 201	1,196 668	}	4 (20	p =ec	4.002	F 600	6 900	10.000	15.005
Receipts, principal markets thous of bu- Visible supply, end of month thous. of bu-	50, 452	41, 430	45, 863	46, 637	4, 489 42, 912	5, 652 41, 123	4, 450 40, 213	8, 768 37, 648	4, 991 35, 493	5,866 31,282	6, 200 31, 394	16, 863 39, 253	15, 205 51, 715
Rice: Exports†pockets 166 lb Imports#pockets 100 lb	1, 325 121, 670	90, 194 14, 056	148, 651 21, 932	342, 068 19, 769	90, 247 25, 040	51, 059 27, 839	29, 792 73, 986	6, 986 79, 589	4, 241 60, 932	9, 823 76, 870	713 97, 490	890 62, 339	6, 124 104, 099
Price, wholesale, bead, clean, New Orleans dol. per lb	.042	. 040	. 040	. 040	.040	. 039	. 039	. 039	.040	.012	. 043	. 043	. 043
Production, crop estimatethous. of bu Southern States (La., Tex., Ark., and Tenn.): Receipts, rough rice, at mills	45, 469		~*****		/ 38, 132								
thous, of bbl. (162 lb.) Shipments from mills (milled rice) total?	1, 375	930	2, 402	a 1,816	657	845	483	2 32	161	129	60	20	304
thous, of pockets (100 lb.) Stocks, domestic, rough and cleaned (in terms of cleaned rice) end of month	754	591	1, 224	a 884	538	1,019	1,070	979	788	529	318	287	331
thous, of pockets (100 lb.) Rye:	962	709	1,999	a 2,978	3, 136	3, 044	2, 554	1,855	1, 244	863	609	342	321
Exports, including flourthous. of bu_ Price, no. 2, Minneapolisdol. per bu_	.87	$\frac{2}{47}$. 52	.49	.49	. 53	.57	$\frac{0}{.52}$.50	. 52	. 58	.75	. 83
Production, crop estimatethous, of bu_ Receipts, principal markets* thous, of bu_ Visible supply, end of month*	1,658	2, 461	2,754	1, 991	f 58, 928 1, 169	1, 061	763	1, 324	970	2, 297	1, 422	1, 630	1, 540
Wheat:	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
Exports:† Wheat, including flourthous, of bu_ Wheat onlythous, of bu_ Prices, wholesale:	2, 415 487	1, 324 14	1, 489 14	1, 602 30	1, 132 34	1, 202 13	1, 192 28	1, 425 30	1, 423 16	1, 534 34	1, 382 26	1, 389 26	1, 657 222
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 No. 2 Hard Winter, K. Cdol. per bu	1. 19 1. 22	1. 03 1. 15	1.10 1.19	1, 05 1, 13	1, 06 1, 11	1.09 1.13	1.09 1.10	1.08 1.06	1.07 1.02	1.02 .95	. 95 . 96	1. 06 1. 11	1. 17 1. 22
Weighted average 6 markets, all grades dol. per bu Production, crop estimate, total	1. 25	1.03	1,07	.98	1.00	1.07	1.07	.98	.95	.90	. 96	1.10	I. 27
Spring wheat thous, of bu-	627, 233 108, 136				/ 623, 444 / 159, 241								
Spring wheat thous of bu- Winter wheat thous of bu- Receipts thous of bu- Shipments thous of bu-	*519, 097 10, 621	42. 289	27. 883	14, 501	7464, 203 9, 943	9. 277	5, 474	9, 788	7, 417	11, 103	14, 819	84, 222	29, 495
Receiptsthous. of buthous. of buthous. of buthous. of butooks. visible supply, world_thous. of bu		15, 595 418, 130	14, 695 443, 400	12, 403 436, 690	7, 181 484, 010	7, 964 468, 910	6, 782 427, 650	9, 289 380, 190	7, 745 335, 340	12, 970 284, 970	12, 363 244, 020	27, 210 275, 131	18, 214 293, 970
United States thous, of bu-	149, 908 81, 912	219, 903 78, 631	259, 869 82, 406	257, 424 80, 371	259, 928 74, 730	243, 631 68, 010	223, 725 58, 164	206, 823 49, 537	189, 250 41, 482	160, 107 32, 073	140, 346 25, 125	116, 409 72, 783	113, 276 84, 764
Stocks, held by mills (quarterly) thous. of bu Wheat flour:	153, 521	155, 791			139, 774			86, 097			62, 642		
Consumption (computed) thous. of bbl. Exports tthous.of bbl.	9, 186 410	8, 567 279	10, 703 314	10, 373 335	7, 923 234	9, 386 253	9,022 248	9,035 297	8,090 299	8, 009 319	7,694 289	10, 064 290	a 11, 250
Grinding of wheatthous. of bu- Prices, wholesale:	40, 052	41,686	45, 664	38, 254	33, 123	40,042	38, 987	38, 273	36, 453	35, 328	36, 637	43, 660	305 42, 087
Standard Patents, Minndol. per bbl Winter, straights, Kansas City	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
Production:	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
Flour, actual (Census)thous. of bbl Flour prorated, total (Russell's)† thous. of bbl	8, 707 9, 173	9, 055 9, 7 46	9, 897 11, 116	8, 274 9, 802	7, 175 8, 349	9, 386	8, 401 9, 070	8, 252 8, 975	7,840 8,235	7, 569 8, 149	7, 845 8, 300	9,416	9, 148
Offalthous. of lb. Operations, percent of total capacity Stocks, total, end of month (computed)	723, 830 56	744, 779 61	821, 200 59	692, 087 53	595, 761 46	728, 216 53	709, 574 56	694, 897 51	665, 223 48	650, 921 48	675, 914 48	793, 510 58	11, 652 758, 322 56
thous. of bbl Held by mills (quarterly)_thous of bbl	5, 400 4, 677	5, 400 3, 864	5, 600	4, 600	5, 592 4 , 2 22	5, 400	5, 200	4, 950 4, 068	5,100	4, 950	5, 600 4, 255	5, 500	a 5, 600

[•] Revised.
• Revised.
• Oct. 1 estimate.
• Now 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 bave 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.

Digitized for FRA Represents the visible supply east of the Rocky Mountains as reported by Dun & Bradstreet.

Data for 1933 also revised, see p. 20 of the October 1934 issue, and for 1934, revisions p. 20 of the December 1935 issue.

Federal Reserve Bank of St. Louis

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Monthly statistics through December 1931, together with explanatory footnotes and refer-	1936	l	19	35					1936				
together while explanatory footmost and residence to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August
	FOO	DSTU:	FFS A	ND 7	гова	cco-	-Conti	inued		,			•
LIVESTOCK AND MEATS													
Total meats: Consumption, apparentmills. of lb_Production (inspected slaughter) ▲	i	834	1, 015	915	914	1,009	844	942	961	957	1, 036	1, 040	1,00
mills. of lb_ Stocks, cold storage, end of month, total A	1,029	776	992	958	1,023	1, 144	847	937	960	949	1, 033	1, 066	99
mills. of lb Miscellaneous meatsmills. of lb Cattle and beef: Beef and yeal:		422 49	402 53	448 63	563 74	698 79	689 70	675 67	669 61	650 57	641 57	665 62	67
Consumption, apparentthous. of lb Exports †thous. of lb Price, wholesale:	1, 483	472, 160 1, 226	546, 738 1, 013	473, 094 1, 041	464, 311 604	493, 972 728	426, 553 787	439, 651 1, 218	485, 136 1, 032	474, 888 1, 426	501, 898 1, 110	523, 582 1, 302	528, 39 1, 79
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, 24
Stocks, cold storage, end of month thous. of lb_Cattle and calves:	82, 804	48, 226	65, 464	91, 164	106, 210	104, 447	86, 928	79, 509	65, 011	51, 134	41, 222	42, 914	a 64, 25
Movement, primary markets: Receiptsthous, of animals Slaughter, localthous, of animals Slaughter, inspected. (See Leather	2, 264 1, 339	2, 257 a 1, 242	2, 545 1, 351	2, 037 1, 340	1,809 1,143	1, 793 1, 158	1, 416 942	1, 625 1, 046	1,673 1,094	1, 522 1, 002	1, 764 1, 137	1, 881 1, 179	2, 216 1, 325
and leather products.) Shipments, totalthous, of animals Stocker and feeder, thous, of animals	928 380	978 441	1, 198 629	911 445	650 242	623 196	462 116	556 190	573 195	511 163	610 167	697 240	848 319
Price, wholesale, cattle, corn-fed, Chi- cago 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:										ļ			
Movement, primary markets: Receiptsthous of animals. Slaughter, localthous of animals. Slaughter, inspected. (See Leather and leather products.)	1, 939 1, 263	1, 220 824	1, 652 1, 182	1, 671 1, 149	2,036 1,428	2, 532 1, 774	1,817 1,188	2, 045 1, 372	1, 875 1, 322	1,759 1,276	1, 864 1, 348	1, 915 1, 347	1, 747 1, 166
Shipments, totalthous. of animals Stocker and feeder.thous. of animals Price. heavy, Chicagodol. per 100 lb Pork, including lard:	673 94 10. 25	390 22 11. 41	463 25 10. 19	526 24 9. 42	606 36 9. 51	745 38 9. 73	628 26 10. 33	666 33 10. 10	550 38 10. 55	482 32 9. 48	512 36 10. 05	562 57 10, 11	572 91 10. 82
Consumption, apparent thous. of lb. Exports, total thous. of lb. Lard thous. of lb.	12, 083 7, 856	301, 300 6, 213 1, 515	398, 480 7, 425 2, 731	386, 505 14, 872 7, 932	395, 269 12, 832 7, 853	450, 560 14, 929 10, 117	362, 070 11, 268 7, 514	443, 486 16, 403 11, 461	423, 876 14, 118 9, 489	434, 683 18, 495 10, 837	486, 492 18, 880 11, 090	467, 178 16, 811 7, 481	422, 125 12, 224 6, 045
Prices: Hams, smoked, Chicago_dol. per lb	. 246	. 279	. 260	. 267	. 273	. 263	. 243	. 235	. 239	, 238	. 240	. 252	. 256
Prime contract, N. Ydol. per lb Refined, Chicago*dol. per lb	. 118	. 169 . 17 7	. 151 . 164	. 138 . 144	. 117 . 134	. 109 . 120	.112 .118	. 111 . 118	. 113 . 120	. 104 . 113	. 103 . 113	. 110 . 119	. 122
Production, inspected slaughter, total thous. of lb Lard thous. of lb thous. of lb	396, 371	250, 570 34, 387	363, 102 47, 758	409, 862 58, 072	495, 250 74, 002	595, 065 96, 392	390, 346 66, 464	453, 787 75, 518	449, 029 77, 024	449, 173 80, 534	499, 066 87, 288	497, 956 82, 952	403, 198
Stocks, cold storage, end of mo. thous. of lb. Fresh and curedthous. of lb. Lardthous. of lb.	463, 285 361, 651 101, 634	322, 955 277, 605 45, 350	281, 365 240, 663 40, 702	291, 115 253, 209 37, 906	379, 495 326, 777 52, 718	511, 711 436, 042 75, 669	530, 143 451, 418 78, 725	526, 963 450, 149 76, 814	541, 017 457, 402 83, 615	540, 274 440, 618 99, 656	541, 904 435, 130 106, 774	558, 987 441, 961 117, 026	a531, 409 a420, 848 a110, 561
Sheep and lambs: Lamb and mutton: Consumption, apparentthous. of lb		60, 255	69, 367	54,965	54, 837	64, 298	55, 016	58, 477	52, 394	47, 205	48, 107	49, 457	50,818
Production, inspected slaughter ▲ thous, of lb.	60, 894	5 9, 9 41	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	a 2, 634
Movement, primary markets: Receipts:thous. of animals_ Slaughter, localthous. of animals_ Slaughter, inspected. (See Leather and	2, 766 1, 126	2,822 1,109	3, 055 1, 225	1,732 927	1,588 966	1, 862 1, 127	1, 632 949	1, 701 1, 023	1, 798 990	1, 944 889	1, 859 961	2, 022 1, 006	2, 287 1, 011
leather products.) Shipments, totalthous. of animals_ Stocker and feeder_thous. of animals_	1, 597 480	1, 6 60 53 3	1,860 886	822 335	620 112	732 94	690 59	666 66	800 112	1, 063 183	873 108	1, 014 152	1, 271 343
Prices, wholesale: Ewes, Chicagodol. per 100 lb Lambs. Chicagodol. per 100 lb Poultry and eggs:	8,91	3. 28 8. 95	3 . 59 9 . 00	4. 11 9. 81	4. 35 10. 80	4. 50 10, 25	4. 34 9. 97	4. 62 9. 66	4. 81 10. 75	4. 56 10. 97	(¹) 10. 38	(1) 9.06	3. 31 8. 86
Eggs: Receipts, 5 marketsthous of cases Stocks, cold storage, end of month: Case thous of cases	. 782	781	704	641	784	889	811	1, 798	2, 022	2, 088	1, 727	1, 247	981
Frozenthous. of lb		6, 353 98, 653	4, 644 88, 018	2, 738 79, 035	964 69, 546	1 5 9 59, 72 2	13 46, 367	807 45, 848	3, 039 69, 172	5, 707 94, 014	7, 058 111, 725	7, 335 115, 485	≈7, 00€ ≈108, 614
Poultry: Receipts, 5 marketsthous. of lb_ Stocks, cold storage, end of mo.	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
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	a65, 488
Cocoa:								_					}
Imports#long tons_ Price, spot, Accra, N. Ydol per lb_ Shipments, Gold Coast and Nigeria	22, 816 . 0750	12, 587 . 0517	19,388 .0510	19,005 .0501	24, 357 . 0517	30, 508 . 0535	32, 601 . 0550	28, 549 . 0536	31, 206 . 0533	9, 696 . 0558	7, 174 . 0617	15, 570 . 0641	18, 129 . 0667
snipments, Gold Coast and Nigeria long tons		10,820	23, 345	3 9, 786	54, 930	61, 247	59, 819	40, 114	17, 025	11,063	14, 331	20, 795	20, 158

Revised.

A 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.

Ne quotation.

Monthly statistics through December 1991, together with explanatory footnotes and refer-	1936		19	35				··	193	16			
ences to the sources of the data. may be found in the 1932 Annual Supplement to the Survey	Septem- her	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August
	FOO	DSTU.	FFS A	AND T	COBAC	cco-	-Conti	inued					
TROPICAL PRODUCTS-Continued								ĺ	į				
Coffee: Clearances from Brazil, total													
To United States thous of bags thous of bags Imports into United States#	1,090 603	1, 466 887	1,651 879	1, 420 779	1, 474 824	1, 563 954	1, 360 854	1, 201 692	1, 094 549	1, 150 511	998 437	1, 097 568	1, 17- 669
Price, Rio No. 7, N. Y dol. per lb Receipts at ports, Brazil thous, of bags	970 . 081 1, 238	1, 130 . 066 1, 431	1, 237 . 068 1, 651	1, 086 . 066 1, 472	1, 299 . 065 1, 539	1, 248 . 066 1, 409	1,575 .068 1,496	1, 450 . 065 1, 444	1, 138 . 063 1, 027	879 . 066 1, 009	940 . 070 947	901 . 078 1, 115	90 . 08: 1, 01
Stocks, world total, incl., interior of Brazil thous, of bags	(1)	27, 204	27, 765	28,738	29, 548	(1)	(1)	30, 650	29,606	(1)	25, 982	(1)	(1)
Visible supply, total excl. interior of Brazil thous of bags. United States. thous of bags.	7, 754 953	7, 653 863	7, 794 941	7, 669 817	7,844 988	7, 832 832	7. 846 1, 010	8, 116 1, 056	8, 128 995	8, 108 998	8, 111 1, 015	8, 030 903	7, 88 88
Sugar: Raw sugar: Cuba:													
Stocks, total, end of month	1, 009	1,076	979	912	775	755	1, 108	1, 991	2,092	1,886	1, 566	1,375	1, 20
United States: Meltings, 8 ports†long tons	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 dol. per lb Receipts:	. 036	. 035	. 036	. 035	. 031	.033	. 034	. 036	. 038	.037	. 037	. 037	. 03
From Hawaii and Puerto Rico long tons Imports†#long tons	128, 439 217, 897	116, 556 117, 163	73, 641 82, 044	69, 960 54, 844	67, 731 38, 864	90, 223 246, 005	144, 017 315, 164	197, 386 279, 852	176, 391 325, 379	171,070 274,287	158, 756 305, 937	146, 418 268, 453	111, 968 103, 264
Stocks at refineries, end of mo. tons.	. 323, 843	512, 518	370, 639	310, 543	211,023	178, 176	228, 493	240, 659	301, 105	401,669	402, 960	450, 122	390, 79
Refined sugar Exports, including mapletlong tons Price, retail, gran., N. Ydol per lb Price, wholesale, gran., N. Y.dol. per lh	5, 647 . 055 . 047	13, 369 . 056 . 051	14, 485 . 056 . 052	10, 308 . 057 . 052	4, 375 .056 .052	4, 867 . 053 . 052	1, 895 . 053 . 052	4, 391 . 053 . 048	3,710 .053 .049	3, 981 . 053 . 049	3, 545 . 054 . 049	4, 968 . 055 . 047	5, 97 . 05: . 04
Receipts: From Hawaii and Puerto Rico*	4.002	6, 381	1,534	1, 402	225	5, 506	15, 021	14, 213	17,924	15, 919	16, 445		2.10
Imports: long tons Cuba Long tons	4, 896 21, 539	7,666	8	2, 298	636	26, 987	28, 707	42,877	37, 988	41, 628	37, 503	11, 016 30, 251	2, 189 17, 61
Philippine Islands*long tons Shipments, 2 ports†long tons Stocks, end of month, 2 ports†.long tons	2, 393	46, 853 9, 754	0 40, 943 9, 951	34, 026 15, 842	693 30, 636 9, 352	0 57, 640 13, 340	2, 902 58, 820 13, 203	9, 371 65, 722 11, 080	14, 501 43, 725 19, 816	4, 602	2,661	5, 668	2, 108
Tea: thous of lb	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, 31:
Price, wholesale. Formosa, fine, N. Y. dol. per lb	. 275	. 275	. 275	. 275	. 275	. 275	. 275	. 275	. 275	. 275	. 275	. 275	. 27
MISCELLANEOUS PRODUCTS Candy sales by manufacturers_thous. of dol	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, 60
Fish: Landings, fresh fish, principal ports						:						,	
Salmon, canned, shipments cases	48, 167 6, 231	38, 445 950, 789	42, 793 462, 745	33, 368 471, 448	26, 437 359, 188	20, 120 490, 638	20, 016 436, 976	39, 029 494, 790	42, 560 273, 242	43, 355 514, 664	45, 563 325, 882	44, 351 565, 701	45, 390 1,195,500
Stocks, total, cold storage, 15th of month thous. of lb	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
Leaf: Exports†thous. of lb		52,671	60, 488	67, 793	42,060	41, 929	35, 137	13, 877	24, 235	18, 485	20, 477	20, 887	00.04
Imports, unmanufactured#thous. of lb.	¢1,152,076	4, 943	8, 470	4, 843	3, 781	8, 430	5, 726	4, 553	5, 883	4, 120	5, 815	5, 793	26, 940 5, 97
Production, crop estimatethous. of lb Stocks, total, including imported types					1,226,810	}							i I
(quarterly)mills of lb. Flue-cured, fire-cured, and air-cured		2, 200			2,373			2,421			2, 171		
mills. of lb_ Cigar typesmills. of lb_		1, 772 348			1,949 344			1, 949 375			1, 714 371		
Manufactured products: Consumption (tax-paid withdrawals): Small cigarettesmillions Large cigarsthousands	14, 342 489, 293		12, 711 524, 399	10, 801 457, 299	9, 841 312, 974	12, 725 336, 579	10, 766 356, 624	11, 193 377, 167	11, 869 411, 606	12, 025 419, 369	14, 009 452, 312	14, 801 482, 448	13, 43
Manufactured tobacco and snuff thous of th	30, 096	1	31, 916	26, 687	23, 096	29, 490	27, 919	30, 315	29, 254	28, 100	29, 474	31, 326	26, 75
Exports, cigarettesthousands. Prices, wholesale: Cigarettesdol. per 1,000.		297, 240	324, 298 5. 380	393, 886 5. 380	337, 227 5. 380	385, 525 5, 380		351, 679 5. 380	428, 572 5, 380	398, 683 5, 380	366, 128 5, 380	380, 153 5, 380	452, 73 5, 38
Cigars. dol. per 1,600	45, 906	45, 996	45.998	45, 996	45.996	1 45 OOR	45, 996	45 996	45, 996	45,998	45, 996	45, 996	45, 99
		FU	TELS	AND	BYPR	ODU	CTS						
COAL													
Anthracite: Exportsthous, of long tons. Prices:	_ 120	162	126	87	118	141	188	80	101	189	100	91	91
Retail, composite, chestnut¶ dol. per short ton.			12.83			12, 96			12, 95			19 49	
Wholesale, composite, chestnut; dol. per short ton.	İ	9, 657	9, 969	10. 065	10. 045	9, 981	10.015	10. 001	9, 707	9.283	9, 327	12.43 9.452	9, 56
Production thous. of short tons. Shipments thous. of short tons.	3,764	4, 172	4, 279 3, 681	3, 160 2, 868	4, 620 4, 116	5, 203 4, 865	6, 461	2, 730 2, 429	4, 336 4, 217	4, 577 4, 274	3, 948 3, 516	3, 666 3, 345	3, 22 2, 91

^{*}Revised.

*Revised.

*Data not available.

*Oct. 1 estimate.

*Oct. 1 estimate.

*Dec. 1 estimate.

*Dec. 1 estimate.

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*Por 1934 revision of enthractive production.

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Manual Institution About Described 1991	1936		19	935		i			19	36			
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	Septem- ber	Septem- ber	October	Novem-	Decem-	January	Febru- ary	March	April	May	June	July	August
n vice 1000 Hillard Supplement to the Sulvey			ND E		<u> </u>	TS(Contin	ued		<u></u>	<u> </u>		
COAL—Continued				İ	l		 i			i	i		
Anthracite—Continued.													
Stocks in storage: A Totalthous. 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:		į .			j				j				
Coke plantsthous. of short tons Electric power plants†	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, 75
thous. of short tons Railroadsthous. of short tons	3,845	2, 961 4, 789	3, 437 5, 449	3, 143 5, 231	3, 391 5, 708	3, 453 6, 078	3, 365 6, 307	3, 022 5, 617	2, 859 5, 364	2.955 5,192	3, 322 4, 888	a 3. 767	^a 3, 86
Vessels, bunker thous of long tons Exports thous of long tons	134 954	128 804	161 789	91 902	79 457	96 323	87 321	101 308	88 462	116 1, 103	122 914	124 1, 035	13 1, 17
Price, retail composite, 38 cities¶ dol. per short ton		001	8.41			8. 58	02.	500	8. 57	1, 10,		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	į	4 01
Prepared sizes (composite)	4. 498	4. 336										4. 227	4. 21
dol. per short tonthous, of short tons	37, 290	25, 038	4. 451 37, 768	4. 508 33, 404	4.528 35,388	4. 547 39, 330	4. 683 41, 3 75	4. 612 31, 233	4. 340 30, 318	4.302 28,541	4.303 29,300	4, 346 32, 054	4, 42 33, 24
Stocks, consumers, and retail dealers, end of monththous. 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	a 32, 07
COKE						ĺ							
Exportsthous. of long tons Price, furnace, Connellsville	67	54	54	5 8	32	43	44	24	20	34	62	67	6
dol. per short ton Production:	3.88	3. 33	3.64	3.66	3.61	3. 58	3.58	3. 58	3.58	3. 58	3. 58	3.55	3. 58
Beehivetthous. of short tons. Byproducttthous. of short tons.	164 3, 831	56 2,833	89 3,048	100 3,112	119 3,364	142 3, 309	153 3, 141	109 3, 257	88 3, 466	84 3, 753	93 3, 695	3, 718	128 3, 860
Petroleumthous. of short tons Stocks, end of month:		123	119	108	106	120	108	105	109	113	122	120	12
Byproduct plantsthous. of short tons_ Petroleum, refinery_thous. of short tons_	2, 034	8, 130 454	2, 975 427	3, 026 408	2, 780 389	2, 110 360	1, 274 334	1, 444 360	1, 586 367	1, 695 382	1,702 382	1,816	1, 98
PETROLEUM AND PRODUCTS		454	427	100	309	300	334	900	307	382	382	399	40
Crude petroleum:		00.047	05 100	60.700	0,000	05 550	01 500	0.5.004		(10 DOF			
Consumption (run to stills) thous, of bbl Imports#thous, of bbl	2,629	83, 347 2, 870	85, 132 2, 815	83, 180 2, 128	84, 992 3, 161	85, 776 2, 256	81, 523 2, 758	85, 286 2, 183	84, 545 2, 864	90, 637 2, 661	89, 003 2, 872	91, 709 2, 591	93, 44 2, 87
Price, Kansas-Oklahomadol. per bbl Production † thous. of bbl		. 940 84, 109	. 940 88, 160	. 940 8 6, 47 6	940 88, 711	1. 015 88, 820	1.040 82,120	1. 040 90, 568	1, 040 90, 479	1, 040 93, 739	1. 040 90, 185	1.040 92,078	1.04 95,09
Refinery operationspct. of capacity Stocks, end of month:		74	73	73	73	74	76	75	76	79	80	80	8
California: Heavy crude and fuel oil§													
thous. of bbl_ Light crude{thous. of bbl_		58, 518 34, 981	59, 388 35, 591	60, 075 37, 646	61, 227 38, 944	62, 802 40, 640	63, 536 40, 275	63, 341 39, 856	63, 72 9 39, 338	63, 792 38, 878	63, 717 37, 856	64, 382 36, 781	64, 82, 35, 476
East of California, total†§ thous. of bbl. Refineries†§ thous. of bbl.		278, 643	274, 568 51, 751	270, 906 50, 495	268, 781 5 49, 089	265, 195 48, 789	263, 436 47, 686	266, 092 51, 741	268. 560 53, 053	268, 650	265, 554	262, 013	258, 68
Tank farms and pipe lines †§		224, 933	222, 817	220, 411	'					53, 989	53, 628	53, 221	51, 69
Wells completed \$number.		1,286	1, 243	1,318	⁶ 219, 692 1, 149	216, 406 1, 199	215, 750 995	214, 351 1, 287	215, 507 1, 557	214, 661 1, 567	211, 926 1, 654	208, 792 a 1, 788	206, 99 1, 566
Refined products: Gas and fuel oils:													
Consumption: Electric power plantst_thous. of bbl	1, 257	1, 044	1, 166	1, 102	1, 132	1,093	1.124	975	995	1, 014	1, 156	a1,228	a 1, 31
Railroads thous of bbl. Vessels, bunker thous of bbl.	3, 248	3, 366 2, 560	3,898 2,740	3,682 2,329	3, 773 2, 400	3,827 2,590	3, 795 2, 690	3, 878 3, 005	3.810 2,643	3, 864 3, 184	3,811 3,193	2, 992	2, 89
Price, fuel oil, Oklahoma, 24–26 refineries dol. per bbl.	. 750	. 740	. 700	. 713	. 725	. 756	. 800	. 800	. 800	.800	. 785	. 763	. 750
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, 28
Gas, oil and distillate fuels*†\$ thous. of bbl		8, 885	9, 068	8, 598	9, 885	10, 587	11, 125	10, 262	9, 553	10, 169	9, 567	10, 323	10, 627
Stocks: Residual fuel oil, east of California*†\$		5,555	, 555	0,000	,,,,,,,	10, 00,	11,120	10, 202	0,000	10, 103	3, 301	10, 525	10,02
thous. of bbl Gas, oil and distillate fuels, total*§		27, 351	26, 265	25, 509	22, 827	20, 281	18, 027	17, 529	16, 996	18, 293	18, 506	19, 525	20, 379
Gasoline:		24, 272	24, 299	23, 263	19, 930	17, 418	15, 322	15, 746	17, 031	19, 910	22, 475	24, 814	27, 648
Consumption to thous, of bbl.		37, 862	41, 401	35, 956	33, 734	32, 553	27, 216	35, 871	38, 825	42, 007	44, 630	a 46, 638	46, 08
Exports thous. of bbl. Exports, value. (See Foreign trade.)	2, 216	2,678	2, 195	2,760	2,946	2, 308	1, 435	1, 404	2, 140	2, 368	1,755	2, 167	2, 029
Price, wholesale: Drums, delivered, N. Y. dol. per gal.	. 150	173	. 173	. 173	. 166	. 154	. 165	. 165	. 165	. 165	. 165	. 155	. 150
Refinery, Oklahomadcl. per gal Price, retail, service station, 50 cities	. 055	, 056	. 056	. 056	. 056	. 060	.061	. 060	. 060	.060	. 060	. 060	. 059
Production:		. 134	, 135	. 137	. 137	.142	.142	. 139	. 143	. 143	. 143		
At natural gas plants \$\frac{1}{2}\$ thous, of bbl. At refineries \$\frac{1}{2}\$ thous, of bbl.		3, 202 39, 817	3, 574 41, 956	3, 598 40, 260	3, 654 40, 667	3, 653 39, 54 4	3, 196 37, 176	3, 378 38, 764	3, 265 39, 902	3, 275 41, 951	3, 217 41, 612	3, 355 43, 500	3, 507 44, 568
Retail distribution (41 States)† mills, of gal		1, 174	1, 204	1,093	1,007	973	833	1,091	1,148	1, 239	1, 324	1, 406	1
Stocks, end of month: At natural gas plantsthous. of bbl		2, 760	2, 442	1, 945	1,645	1,743	1, 833	2, 172	2, 641	2, 946			1, 372
At refineries †thous. of bbl		27, 166	27, 280	28, 043	31, 328	36, 158	44, 612	45, 799	44, 361	42, 527	2, 973 39, 050	• 2, 921 35, 062	2, 753 33, 417

Markland district the same December 1993	1936		1	935					19:	36			
Monthly statistics through December 1931, together with explanatory footnotes and references to the sources of the data, may be found	Septem-	Septem-		Novem-	Decem-	Janu-	Febru	1	I				 .
in the 1932 Annual Supplement to the Survey	ber	ber	October	ber	her	чгу	ary	March	April	May	June	July	Augus
	FU	ELS A	ND E	YPRO	DDUC	rsc	Contin	ued					
PETROLEUM AND PRODUCTS— Continued													
Refined products-Continued.													
Kerosene: Consumption † thous. of bbl. Exports thous. of bbl.	590	3, 892 750	4, 520 370	4, 724 585	5, 081 497	5, 569 473	4, 785 455	4, 098 435	3, 914 512	4, 035 380	3, 075 664	3, 019 474	3, 21 60
Price, 150° water white, refinery, Pa. dol. per gal	. 050	.049	. 049	. 049	. 050	. 05!	. 055	. 055	. 056	. 056	. 055	. 052	. 04
Productionsthous. of bblthous. of bblthous. of bblthous. of bblthous. of bblthous. of bblthous. of bblthous. of bblthous.		4, 498 9, 238	4, 978 9, 318	4, 878 8, 879	4,624 7,915	4, 761 6, 599	4, 445 5, 784	4, 741 5, 974	4, 953 6, 496	4, 626 6, 681	4, 376 7, 296	4, 455 8, 228	4, 29 8, 69
Consumption to thous. of bbl. Price, cylinder oil, refinery, Pa.		1,697	1,820	1,576	1, 433	1, 396	1,520	1,863	2, 197	2, 028	1, 969	2, 123	1,8
dol. per galthous. of bbl Stocks, refinery, end of months	. 155	. 120 2, 357	. 120 2, 463	. 120 2, 453	2, 484	. 120 2, 309	. 126 2, 204	. 135 2, 515	. 139 2, 687	. 149 2, 768	2, 509	. 155 2, 626	2, 6
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, 7
Asphalt: Imports#thous, of short tons	. 3	7	6	12	3	1	1	1	1	4	3	1	
Production 1 thous. of short tons Stocks, refinery, end of month thous. of short tons	1	343 354	351	248 377	203	198 461	179 463	261 526	319 520	377 542	407 546	426 488	3
Coke. (See Coke.) Wax:							[
Productionthous. of lb_ Stocks, refinery, end of mo§	.	36, 400	39, 200	41,720	40, 320	44, 800	36, 120	42, 280	39, 480	40, 320	38, 920	34, 720	35, 0
thous. of lb	-	131, 560	124, 557	120, 398	114, 675	118,636	118, 312	119, 684	121,857	121, 416	117, 362	a118, 257	116, 8
		LE	ATHE	R AN	D PR	opuo	стѕ						
HIDES AND SKINS													
imports, total hides and skins†#.thous. of lb Calf and kip skinsthous. of lb	22,442 1,967	25, 056 2, 225	27, 786 2, 236	25, 373 1, 960	27, 152 2, 291	28. 264 2, 390	26, 255 2, 035	28, 963 1, 354	28, 116 1, 215	25, 216 2, 336	27, 690 1, 434	26, 050 2, 015	23, 0 1, 0
Cattle hides thous. of lb. Goatskins thous. of lb.	9,429 5,183	11, 712 6, 133	12, 670 5, 574	11,631 6,299	11, 153 6, 492	12, 768 6, 042	13, 498 5, 573	13, 063 8, 506	12, 613 7, 911	10, 296 8, 292	13, 145 5, 690	10, 869 6, 452	12, 0
Sheep and lamb skinsthous. 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	5, 0 3, 5
Livestock, inspected slaughter: Calvesthous. of animals_	553	458	531	480	481	465	405	483	525	503	517	523	5
Cattlethous, of animals. Hogsthous, of animals.	_ 2,403	886 1,453	1, 083 2, 135	956 2, 422	892 2,874	906 3,428	742 2, 319	763 2, 617	812 2, 559	786 2, 579	853 2, 759	928	1, 0
Sheepthous, of animals. Prices, wholesale:	1, 593	1, 549	1,765	1,407	1, 369	1,540	1,314	1, 374	1, 267	1, 213	1, 309	1, 352	1,3
Packers, heavy native steers, Chicago dol. per lb.	. 147	. 143	. 154	. 157	. 148	. 150	, 146	. 130	. 130	. 123	. 125	. 124	.1
Calfskins, packer's 8 to 15 lbs., Chicago dol. per lb_	. 172	. 158	. 176	. 181	. 175	. 191	. 180	. 181	. 188	. 171	. 177	. 170	.1
Exports: LEATHER thous of lb.	176	430	510	333	226	146	210	310	410	368	110	241	1
Sole leatherthous, of lb. Upper leather thous, of sq. ft. Production:	5,973	3,603	8, 563	8, 571	5, 121	5, 284	5, 044	5, 234	5, 107	5, 566	4, 180	4,846	4, 7
Calf and kip*thous. of skins_		1, 227 1, 723	1, 253 2, 062	1, 051 1, 957	1, 092 1, 924	1, 195 1, 943	1,002 1,856	960 1, 908	1, 046 1, 844	998 1, 693	1, 199 1, 657	1, 289 a 1, 834	1, 1
Calf and kip* thous. of skins. Cattle hides*† thous. of hides. 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, 9
Sheep and lamb*ffthous, of skins. Prices, wholesale:		3, 061	4, 111	3, 628	3, 153	3, 135	3, 125	2, 824	2,925	2, 897	2,849	⁴ 3, 237	3, 3
Sole, oak, scoured backs (Boston) dol. per lb.	. 35	. 35	.37	. 39	.39	.39	.37	. 36	.36	. 36	. 33	. 33	١.
Upper, composite, chrome, calf, black, "B" grade dol. per sq. ft.		. 373	.380	. 386	. 382	.382	.380	. 378	. 380	. 380	.378	.370	.3
Stocks of cattle hides and leathers (all kinds) end of month:					1								
Total*¶thous, of equiv. hides. In process and finished*		17, 851	18,008	18, 077	17, 735	17, 789	17, 786	17, 797	17, 845	17, 827	17, 941	a 17, 687	17, 4
thous, of equiv. hides. Raw • 1thous, of equiv. hides.		11, 273 6, 578	11, 402 6, 606	11, 377 6, 700	11, 188 6, 547	11, 576 6, 213		11, 655 6, 142	11, 734 6, 111	11,779 6,048	11, 874 6, 067	a 11, 676 a 6, 011	11, 4 6, 0
LEATHER MANUFACTURES]							
Gloves and mittens: Production (cut), total*dozen pairs.		255, 792	286, 857	253, 795	163 467	1147.776	1 183, 485	1 205 081	1203 128	201, 375	1203, 250	a1220,474	1242 7
Dress and semidress* dozen pairs. Work* dozen pairs		142, 230 113, 562	178, 372 108, 485	168, 487 85, 308	94, 725	182.884 64.892	1 109, 573	1 117,791	1117, 320	1 121, 661	1126, 406 176, 844	al 139,173 al 81,301	1 153, 2
Shoes:		110,002	100, 100	00,000	96, 192	01,002	10, 812	01, 230	- 00, 000	19, 114	10, 044	61,301	. 00, 0

5.50

3. 13

5, 50

4. 50

3.15

43

5, 50

4.50

3. 15

5, 50

4. 50

3, 15

104

5. 50

4.50

3.15

106

5. 50

4.50

3. 15

112

5, 50

4 50

3.15

5. 50

4.50

103

5, 50

4.50

3.15

106

5.50

4.31

3, 10

82

5.50

4.35

3, 10

factory dol. per pair.

Men's black calf oxford,
factory dol. per pair.

Women's colored blucher,*

factory.....dol. per pair...

Shoes:

Exports thous. of pairs

Prices, wholesale:

Men's black calf blucher,

dol. per pair.

Federal Reserve Bank of St. Louis

5,50

4.25

3. 10

149

5. 50

4.50

3. 15

Revised.

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 225 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 Aqust 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.

A 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 1935 issue.

A Sea 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 manufactures 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, p. 43, June

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1936		19	35					19	36			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- her	October	Novem- ber	Decem- ber	January	Febru- ary	March	A pril	May	June	July	August
	LEA	ТНЕ	R AN	D PRO	ODUC	TS-C	Contin	nued	·				-'
LEATHER MANUFACTURES—Cont.	1			: :	i			Ì					
Shoes—Continued. Production, total†	40, 697 9, 527 1, 595 16, 458 3, 336 5, 773 3, 409	33,909 8,391 1,502 13,275 2,998 4,857 2,887	35,948 9, 918 1, 721 11,813 3, 186 6, 124 3, 185	27,715 8, 161 1, 330 7,034 2, 673 5, 570 2, 947	28, 949 8, 440 1, 354 9, 794 2, 869 3, 277 3, 214	32, 420 9, 043 1, 267 13, 436 3, 292 1, 633 3, 749	32, 142 8, 313 1, 130 13, 843 3, 007 2, 140 3, 709	34, 159 8, 223 1, 264 14, 441 3, 237 2, 726 4, 268	32, 688 8, 027 1, 221 13, 042 3, 154 2, 904 4, 339	29, 807 7, 219 1, 031 11, 906 2, 476 3, 139 4, 036	29, 007 7, 558 1, 309 10, 463 2, 307 3, 695 3, 674	35, 210 8, 738 1, 556 14, 289 3, 043 4, 484 3, 100	a 40, 225 a 9, 296 a 1, 565 a 17, 569 a 3, 437 a 5, 192 a 3, 225
	·	LUMI	BER A	ND N	MANU	FACT	URES	3					
LUMBER-ALL TYPES		l	į		İ		4		•		:		
Exports (boards, planks, and scantlings)* M ft. b. m.	82,469	81,752	77, 810	83, 258	59, 265	83, 150	66, 073	90, 328	96, 053	89, 904	83, 255	95, 230	8 5, 813
National Lumber Mfgrs. Assn: 4 Production, total. mill ft. b. m. Hardwoods. mill. ft. b. m. Softwoods. mill. ft. b. m. Shipments, total. mill. ft. b. m. Hardwoods. mill. ft. b. m. Softwoods. mill. ft. b. m. Softwoods. mill. ft. b. m. Stocks, gross, end of month total:		1, 750 293 1, 457 1, 643 259 1, 384	1, 971 302 1, 669 1, 782 270 1, 512	1, 620 273 1, 347 1, 489 262 1, 227	1, 422 207 1, 215 1, 331 220 1, 111	1,490 229 1,261 1,569 238 1,153	1, 353 215 1, 138 1, 467 238 1, 229	1, 587 244 1, 343 1, 688 281 1, 407	1,865 253 1,613 1,932 267 1,665	1, 891 253 1, 638 1, 821 259 1, 562	1,896 273 1,623 1,846 257 1,589	2, 055 282 1, 773 1, 914 259 1, 655	1,990 283 1,706 1,867 267 1,600
mill. ft. b. m Hardwoodsmill. ft. b. m Softwoodsmill. ft. b. m Retail movement: Retail yards, Ninth Fed. Res. Dist. m		6, 967 1, 993 4, 974	7, 121 1, 943 5, 178	7, 235 1, 935 5, 300	7, 273 1, 915 5, 358	7, 203 1, 905 5, 298	7, 103 1, 882 5, 221	6, 998 1, 843 5, 155	6, 933 1, 836 5, 097	7, 013 1, 832 5, 181	7, 060 1, 845 5, 215	7, 200 1, 866 5, 334	7, 358 1, 883 5, 476
Stocks, end of month	12, 208	^a 9,868 ^a 70,228 2,882	14, 125 64, 942 3, 354	8, 676 63, 137 3, 061	4, 594 61, 365 2, 415	3, 677 70, 834 2, 884	2, 374 77, 713 2, 168	4, 329 81, 490 3, 752	7, 210 81, 851 4, 191	10, 227 79, 392 3, 627	13, 192 72, 456 3, 437	11, 827 77, 794 3, 840	12, 042 74, 909 4, 137
SalesM ft. b. m. Stocks, end of monthM ft. b. m.	31,349	27, 902	28, 164	27, 708	28, 637	29, 794	32, 069	32, 396	32, 143	32, 426	32, 459	31, 894	31, 445
Maple, beech, and birch:													
Orders: M ft. b. m. New M ft. b. m. Unfilled, end of month M ft. b. m. Production M ft. b. m. Shipments M ft. b. m. Stocks, end of month M ft. b. m. Oak:	7, 475 10, 984 6, 247 6, 486 15, 603	3, 917 4, 989 4, 276 4, 035 19, 638	4, 634 4, 763 5, 584 4, 891 20, 497	4, 514 4, 683 5, 109 4, 609 21, 023	5, 768 6, 444 4, 279 3, 997 21, 878	6, 980 9, 368 4, 263 3, 879 21, 209	5, 989 11, 303 4, 123 3, 936 21, 077	10, 138 16, 456 4, 462 5, 324 20, 645	4, 391 15, 012 5, 439 5, 457 20, 033	3, 493 13, 159 4, 437 5, 528 18, 717	5, 185 12, 396 4, 720 5, 818 17, 115	5, 056 18, 884 5, 259 6, 777 15, 672	6, 046 10, 061 5, 964 6, 526 15, 902
Orders: M ft. b. m. New M ft. b. m. Unfilled, end of month M ft. b. m. Production M ft. b. m. Shipments M ft. b. m. Stocks, end of month M ft. b. m.	40, 671 36, 647 32, 378 33, 432 64, 336	19, 459 13, 065 19, 467 17, 402 54, 475	24, 383 14, 347 21, 642 23, 475 52, 843	25, 125 19, 925 20, 823 19, 547 54, 119	25, 064 25, 492 24, 203 19, 497 58, 825	30, 204 35, 301 22, 783 20, 395 61, 365	40, 675 52, 892 21, 831 23, 081 60, 115	19, 381 43, 793 27, 607 28, 479 58, 683	19, 211 33, 521 30, 761 29, 483 59, 961	23, 622 28, 564 30, 273 28, 579 61, 655	30, 576 27, 523 32, 031 31, 617 62, 069	29, 463 26, 863 32, 980 30, 123 64, 926	32, 953 29, 408 30, 872 30, 408 65, 390
Softwoods Fir, Douglas:													
Exports:† Lumber	31,776	26, 952 36, 486	22, 677 14, 548	20, 227 17, 577	26, 139 21, 931	24, 199 23, 456	19, 542 19, 4 55	23, 498 12, 985	40, 462 23, 371	28, 714 14, 612	27, 331 18, 312	32, 063 23, 629	27, 670 19, 456
New d. M ft. b. m. Unfilled, end of month d. M ft. b. m. Price, wholesale: No. 1 common	(¹) 42.00	(1)	(¹) 43.00	(1) 43. 00	(1) 43. 33	(1) 45, 00	(¹) 46, 00	(¹) 46. 00	(¹) 45. 00	(¹) 45. 00	(1) 43, 50	(¹) 43. 00	(¹) 42.00
Production ∂ M ft. b. m. Shipments ∂ M ft. b. m. Pine. northern: Orders, new M ft. b. m. Production M ft. b. m. Shipments M ft. b. m.	11, 228 20, 939 11, 736	9, 800 16, 398 11, 283	11, 462 12, 392 10, 119	9, 239 1, 803 9, 322	8, 220 265 6, 535	9, 942 779 8, 219	7, 350 392 8, 215	7, 722 528 9, 463	9, 912 3, 697 10, 956	9, 616 16, 892 11, 364	11, 570 23, 213 12, 505	10, 681 26, 037 12, 389	10, 902 24, 217 10, 618
Pine, southern: Exports: Lumbers M ft. b. m. Timbers M ft. b. m.	19,955 6,587	28, 913 6, 302	24, 350 3, 516	24, 999 5, 713	27, 083 10, 492	21, 983 7, 072	18, 596 10, 261	28, 913 6, 184	22, 893 7, 506	21, 487 6, 890	22, 826 6, 358	25, 463 5, 137	19, 836 4, 224
Orders: New M ft. b. m. Unfilled, end of month M ft. b. m. Price, flooring dol. per M ft. b. m. Production M ft. b. m. Shipments M ft. b. m. Redwood, California:	153, 794 69, 976 37, 29	120, 979 61, 029 36, 80 125, 132 120, 818	143, 695 69, 962 36, 61 148, 566 145, 970	128, 825 68, 010 36, 67 134, 190 128, 570	124, 184 90, 889 35, 75 125, 928 105, 743	150, 424 77, 275 36, 61 141, 315 121, 632	125, 758 72, 930 37, 01 124, 541 125, 416	165, 856 95, 191 36, 78 148, 226 160, 755	162, 250 87, 175 37, 63 155, 187 170, 446	155, 822 80, 354 37, 40 158, 529 166, 440	141, 349 67, 772 37, 37 145, 342 136, 234	136, 070 56, 301 36, 52 143, 342 142, 184	166, 608 72, 324 36, 61 146, 986 146, 657
Orders:	34 496	25, 411 24, 819 33, 754 25, 628	29, 593 26, 290 38, 073 27, 952	27, 456 27, 446 33, 187 25, 761	28, 514 31, 097 30, 369 23, 716	29, 579 35, 818 31, 318 27, 068	34. 054 44, 489 32, 185 24, 711	32, 979 43, 049 37, 318 34, 327	41, 535 49, 143 37, 584 35, 562	31, 157 44, 213 37, 763 35, 267	29, 813 39, 251 38, 700 37, 433	30, 603 37, 172 35, 434 30, 992	32, 201 36, 608 38, 939 33, 477

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1936		19	35					1936		
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April May	June	July August

LUMBER AND MANUFACTURES—Continued

FURNITURE												1	ĺ
Household:										;		Į.	
All districts:												1	1
Plant operations*percent of normal	81.0	61.0	62.0	61.0	89. 0	60.0	58.0	58. 0	59.0	59.0	65.0	68.0	74. 0
Grand Rapids district:	1												
Orders:	1												
Canceledpercent 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
Newno. 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										1			
no, of days' sales	30	21	24	24	21	22	22	24	22	20	21	25	25
Plant operations tpercent 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
Shipmentsno. of days' production	18	12	14	13	11	12	12	13	11	11	11	15	16
Prices, wholesale:	1									1			
Beds1926=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 $61926 = 100$	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 cabinets1926=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 davenports1926=100	87. 5	76.6	76. 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.)	1									!		1	į.

METALS AND MANUFACTURES

IRON AND STEEL			! 										İ
Foreign trade, iron and steel:	007.704	044 410	000 050	005 040	200 020	041 500	010 000	004 007	801.00=	014.050	004.0**	000 500	005 043
Exports long tons. Imports long tons. Price, iron and steel, composite	235, 764 59, 993	244, 419 53, 158	238, 358 59, 569	205, 242 56, 637	239, 269 53, 678	241, 568 50, 489	213, 802 43, 358	264, 337 56, 720	301, 987 49, 277	314, 950 59, 391	294, 951 59, 910	296, 738 47, 940	295, 341 60, 697
dol. per long ton	34. 15	32. 82	32.84	33. 15	33. 91	33.34	33.48	33, 21	33. 10	32. 92	32. 79	33.49	33.88
Ore Iron ore:		Ì											
Consumption by furnaces thous, of long tons	4, 027	2,654	2, 911	3,026	3, 101	2,952	0.000	2,898	3, 485	3,882	9.709	2,000	b 3, 969
Imports#thous. of long tons Recripts:	258	165	114	158	138	154	2, 632 125	132	177	199	3, 763 170	3, 826 198	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 portsthous. of long tons Shipments from upper Lake ports	1,904	1, 349	1, 453	557	0	0	0	0	9	1, 409	1, 931	2, 148	2,005
thous of long tons Stocks, total, end of month	7,481	4, 818	4, 601	1, 557	0	0	0	0	19	5, 050	6, 608	7, 160	7, 444
At furnacesthous of long tons_	31, 978 27, 555	33, 469 28, 512	35, 115 29, 756	34, 277 28, 964	31, 342 26, 248	28, 404 23, 434	25, 809 20, 904	22, 933 18, 199	19, 370 15, 240	19, 242 15, 269	23, 107 18, 017	25, 211 21, 194	28, 158 24, 008
Lake Erie docksthous, of long tons Manganese ore, imports (manganese con-	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
tent) thous. of long tons	36	16	19	15	13	54	30	21	19	36	29	21	41
Iron, Crude and Semimanufactured		l											
Castings, malleable:*	44, 361	35, 658	45, 246	47 770	40 579	49.050	90.070	40.000	47 022	44 190	10.040	47.001	45.50
Orders, newshort tons Productionshort tons	46, 552	36, 996	43, 467	47, 778 44, 277	42, 573 45, 598	43,852 48,198	38, 278 40, 611	48, 008 45, 536	47, 933 50, 954	44, 136 45, 027	42, 848 43, 766	41, 031 44, 413	45, 179 42, 253
Percent of capacityshort tons_	57. 0 40, 194	44.7 33,442	51. 0 40, 132	53. 1 41, 434	55.0 43,942	57.1 43,386	49. 9 39, 384	55. 9 46, 823	62. 6 51, 840	55. 3 48, 854	53. 9 46, 489	53.3 46,158	52, 0 35, 554
Pig iron: Furnaces in blast, end of month:												,	
Capacity long tons per day. Number	94, 140 155	59, 250 104	67, 655 116	70.095 122	66, 825 120	63, 660 117	64, 550 120	68, 395 126	84, 915 144	86, 030 146	85, 405 145	83, 720 146	88, 075 148
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			1
Composite pig iron dol per long ton Foundry, no. 2, northern (Pitts.)	19.86	18 96	18. 99	19. 96	19.96	19.96	19. 96	19.96	19.96	19, 96	19. 00 19. 96	19. 00 19. 96	19. 00 19. 86
dol. per long ton thous, of long tons	21.39 2,730	20.39 1,776	20, 39 1, 978	21, 39 2, 066	21.39 2,106	21. 39 2, 026	21, 39 1, 824	21, 39 2, 040	21.39 2,404	21.39 2,648	21. 39 2, 586	21.39 2,594	21.39 2,712
Iron, Manufactured Products													
Cast-iron boilers and radiators: Boilers, range:† Orders:													
Newnumber 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
number of boilers Production	44, 518 96, 757	22, 306 61, 808	25 644 84, 328	25, 647 63, 500	31, 999 57, 723	25, 545 65, 409	25, 382 65, 658	26, 094 64, 227	20, 177 65, 773	25, 581 : 60, 352	27,279 $74,242$	64, 671 80, 036	50, 054 105, 208
Shipments number of boilers Stocks, end of month number of boilers	96, 688 3 9, 233	66, 051 37, 753	80, 591 41, 490	64, 338 40, 652	48, 726 49, 625	77, 344 37, 690	62, 306 41, 042	61, 937 43, 332	63, 548 45, 557	61,194	72,921	78, 442	103, 799
Boilers, round:			·				ĺ		,	44, 715	38, 161	39, 755	39, 164
Productionthous, of lb Shipmentsthous, of lb Stocks, end of monththous, of lb	4, 793 5, 819	4, 121 6, 879	6, 467 9, 485	3, 784 4, 957	3, 287 4, 018	2, 977 3, 120	3, 343 2, 437	3, 954 1, 664	3, 456 1, 683	3, 639 2, 243	3, 339 3, 195	3, 066 3, 905	3, 020 8, 634
Boilers, square:	33, 706	38, 361	35, 389	34. 377	33, 644	34, 106	35, 053	37, 733	3 5, 4 2 9	44, 882	41, 150	40, 314	29, 723
Production thous, of lb. Shipments thous, of lb.	33, 549	20, 906 31, 761	27, 425 41, 380	17, 487 20, 325	18, 941 16, 330	17, 599 13, 786	18. 454 11, 955	17, 957 8, 984	18, 176 11, 129	19,043 $13,552$	21, 625 19, 523	24, 867 29, 200	27, 265 24, 658
Stocks, end of monththous. of lb							101 050				143, 991		142, 225

New series. Data on furniture activity, all districts, prior to April 1933 not published. For imports of iron and steef, see p. 20 of the November 1932 issue; for insideable castings, p. 20 of the April 1933 issue. New series on iron and steef composite price was shown on p. 19 of the Jannary 1935, ssue for 1932, 1933, and 1934 revisions, see p. 45 of the June 1933 issue, p. 20 of the September 1934 issue, and p. 19 of the December 1935 issue respectively. Revised. Data prior to April 1933 not published on plant operations. For range boilers, see p. 20 of the July 1934 issue.

Imports from Cuba not included.

**See footnote on p. 37 of this issue. For 1933 and 1934 revisions, see p. 20 of the October 1934 issue and p. 20 of the December 1935 issue, respectively. Distribution of unfilled orders of deliveries of 30 days or less and deliveries of more than 30 days has been discontinued by the reporting source.

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1936		19	35					193	66		
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June July	August

METALS AND MANUFACTURES-Continued

IRON AND STEEL—Continued					i			i				. 1	
Iron, Manufactured Products-Con.			į		i			į				į	
Cast-iron boilers and radiators—Continued			İ		Ì							1	
Boiler fittings, east iron: Production short tons Shipments short tons.	8, 211 9, 613	5, 860 6, 330	7, 451 8, 454	6, 835 6, 620	5, 589 4, 248	5, 730 5, 194	5, 107 5, 217	5, 721 5, 325	6, 032 5, 940	5, 768 5, 923	5, 981 6, 132	6, 414 7, 690	7, 160 9, 529
Boiler fittings, malleable: Productionshort tons Shipmentsshort tons	5, 200 5, 454	3, 627 3, 392	4, 162 4, 670	4, 532 4, 357	3. 794 2, 503	3, 970 3, 393	3.982 3,475	3, 817 3, 663	4, 296 4, 201	4, 196 4, 442	4, 173 4, 202	4, 233 4, 401	4, 225 5, 697
Radiators: Production			·									1	
thous, of sq. ft, heating surface Shipments	7, 917	5, 937	7,430	5,037	4,706	4, 733	4,951	5, 046	6, 345	6, 253	5, 931	6,821	7. 487
thous, of sq. ft. heating surface. Stocks, end of month	9, 190	7, 701	10, 055	6, 616	5. 413	4, 183	3, 086	2,720	3, 549	4, 175	5, 590	8, 027	7, 785
thous, of sq. ft. heating surface Radiators, convection type:* New orders:	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
Heating elements only, without cabi- nets or grilles											_		
thous of sq. ft. heating surface; Heating elements, including cabinets and grilles	106	59	114	113	60	145	62	63	51	74	84	101	140
thous, of sq. ft. heating surface 1	448	187	231	170	130	136	121	117	202	233	349	441	415
Sanitary Ware													
Productionnumber of pieces		341, 770	362, 580	464, 176	292, 770	266, 574	300, 108	370, 732	447, 533	⁵ 487, 942			
Shipments number of pieces. Stocks, end of month number of pieces.		312, 007 400, 018	326, 585 407, 886	408, 402 387, 233	283, 996 393, 481	216, 910 488, 747	254, 473 526, 039	335, 338 553, 141	386, 783 587, 891	^b 466, 171 ^b 522, 025			
Plumbing brass. (See Nonferrous metals.) Plumbing and heating equipment, wholesale price (8 pieces)*dollars Porcelain enameled flatware:	221, 95	207. 70	207.80	208. 13	208. 18	a 209.50	212. 25	212. 31	212. 19	212. 10	212. 11	221. 80	221.80
Orders, new, totaldollars	1,119,743	522, 997	937, 394	816, 050	751, 629	773, 108 283, 239	786, 380	877, 598		1,005,791		1,027,198 292, 762	
Signs dollars Table tops dollars	235, 617 287, 987 1,192,520	213, 599 245, 107 830, 241	257, 005 258, 369 949, 349	236, 380 195, 795 817, 866	191, 827 236, 173 676, 656	197, 974 666, 820	223, 994 196, 817 727, 162	206, 115 154, 291 908, 433	265, 338 238, 447 1,076,233	265, 199 187, 662 1,002,735	284, 068 210, 834 978, 254	294, 246	257, 132 355, 827 1,087,682
Shipments, total dollars. Signs dollars Table tops dollars	316, 116 338, 500	243, 535 222, 447	218, 000 298, 499	249, 153 195, 707	196, 287 169, 096	172, 813 194, 726	169, 453 187, 073	220, 427 176, 295	315, 556 205, 747	281, 205 189, 980	284, 574 234, 884	29S, 549 310, 063	285, 935 310, 583
Porcelain plumbing fixtures: Orders:	000,000	222, 141	400, 100	130, 101	100,000	101,120	101,010	110, 200	200, 141	100,000	201, 001	010,000	010,000
New, netnumber of pieces Unfilled, end of month	(2)	2, 864	3, 095	2, 158	1, 594	2, 529	2, 288	1, 692	2, 441	2, 526	3, 793	(2)	(2)
number of pieces. Shipments number of pieces.	(2) (2)	3, 339 3, 026	3, 583 2, 713	2, 763 2, 746	1,912	2, 722 1, 597	3, 227 1, 730	2,753 2,068	3, 053 1, 896	3, 251 2, 195	3, 924 3, 034	(2) (2)	(2) (2)
Stocks, end of monthnumber of pieces_ Vitreous-china plumbing fixtures: † Orders:	(2)	6, 635	6, 685	6, 874	7, 268	7, 836	8, 595	8, 962	9, 515	9,683	9, 270	(²)	(2)
New, netnumber of pieces_ Unfilled, end of month	(2) (2)	179, 928	132, 378	132, 867	139, 596	373, 413 281, 827	204, 249	165, 624	143, 323	157, 807 158, 380	(2) (?)	(2) (2)	(2)
number of pieces. Shipmentsnumber of pieces. Stocks, end of monthnumber of pieces.	(2) (2) (2)	175, 140 241, 678 359, 308	117, 289 190, 229 424, 242	112, 621 137, 535 516, 677	128, 020 124, 197 629, 750	219, 606 645, 898	256, 377 229, 699 642, 893	194, 337 227, 664 674, 282	168, 820 168, 840 738, 580	167, 367 826, 989	(2) (2)	(2) (2) (2)	(2) (2) (2)
Steel, Crude and Semimanufactured				İ									
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: *A Orders, new totalshort tons		29, 995		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 16, 686	25. 2 5, 616	34, 553 29, 0 8, 201	27. 4 7, 071	34.0 13.919	49. 5 22, 542	43. 4 16, 650	59. 8 32, 542	69. S 45, 942	53. 6 25, 755	79. 1 52, 466	62.1 $34,443$	49.8 21,455
Production, total short tons Percent of capacity short	[-64, 2]	35, 411 29. 7	42, 597 35. 7	36, 165 30. 3	37, 793 31. 7	44, 298 37, 1	47, 954 40. 2	51, 674 43. 3	63, 087 52. 9	64, 246 53. 9	70, 323 59. 0	78, 654 66, 0	81,574 68.4
Railway specialitiesshort tons_ Ingots, steel:§	34,304	10, 568	12, 347	10, 024	10,076	13, 373	15, 830	17, 385	24,712	25, 857	30, 802	34, 855 3, 923	36, 826 4, 195
Production thous, of long tons. Percent of capacity Prices, wholesale:	4, 161 73	2,825 51	3, 143 53	3, 150 55	3,073 56	3, 046 51	2, 964 54	3, 343 59	3, 942 69	4, 046 71	3, 985 70	69	74
Composite, finished steeldol. per Ib. Steel billets, Bessemer, Pittsburgh	. 0241	. 0243	. 0243	, 0243	. 0243	.0243	.0243	. 0237	. 0236	. 0236	. 0236	. 0243	. 0243
dol per long ton. Structural-steel beams, Pittsburgh	30.40	27. 00	27. 00	28. 00	29.00	29.00	29.00	28. 20	28.00	28.00	28.00	30.00	30.00
dol per lb. Steel scrap, Chicagodol. per gross ton. U. S. Steel Corporation:	16, 15	. 0180 12 50	. 0180 12. 50	. 0180 13. 00	. 0180 13. 35	. 0180 13. 38	.0180 14.19	. 0180 14. 75	. 0180 14. 34	.0180 12.88	. 0181 12. 85	. 0190 13. 38	. 0190 15. 19
Earnings, netthous. of dol. Shipments, finished products*. long tous.	30, 193 961, 803	13, 470 614, 933	686, 741	681, 820	20, 418 661, 515	721, 414	676, 315	17, 665 783, 552	979, 907	984, 097	29, 227 886, 065	950, 551	923, 708
Steel, Manufactured Products		1			İ							İ	i i
Barrels, steel: Orders, unfilled, end of monthnumber_	456, 682	853, 986	725, 748	620, 571	341, 693	400, 308	349, 752	341, 248	299, 745	400, 184	452, 386	449, 838	427, 583
Production number Percent of capacity number	697, 783	532, 433 35. 9	790, 057 58. 9	535, 514 40. 2	478, 592 36. 0	479, 873 35, 9	476, 465 35. 6	578, 705 43. 3	650, 028 48, 5	636, 449 47. 5	626, 599 46. 8	677, 462 50, 6	515, 380 38, 4
Shipments number Stocks, end of month number	694, 331	530, 433 38, 001	791, 469	537, 947	480, 918	478, 588	471, 481	577, 240 35, 260	658, 657	643, 841	627, 065 19, 133	672, 974	518, 795 20, 206

^{*} Revised.

* Data covering non-virrous clay, recessed and attachable accessories not included.

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

† In equivalent direct radiation.

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

* Steel casting series revised January 1935 by the increase of the number of companies from 164 to 180; comparable data not completed for 1934 and earlier years. Figures for 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 6,452

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

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1936	l	1	935	1			i	1	936	1		
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July	Au
	META	LS A	ND M	(ANU)	FACT	URES	Con	tinue	d				
IRON AND STEEL—Continued											1		
Steel, Manufactured Products—Con. Boilers, steel, new orders:													
Area thous, of sq. ft Quantity number of bollers	1,056 1,232	575 829	784 787	464 587	685 595	623 634	810 705	590 594	784 687	723 721	1, 131 1, 049	1, 110 1, 090	1
Furniture, steel: Business group:													
Orders: Newthous of dol .	1,5%7	1,393	1,618	1, 507	1, 520	1, 619	1, 427	1, 667	1, 583	1, 514	1, 565	1, 511	1
Unfilled, end of month thous of dol Shipmentsthous of dol	1, 033 1, 550	980 1,361	1, 036 1, 562	945 1, 591	908 1,558	940 1,5%6	882 1, 484	964 1, 586	913 1,634	975 1, 451	1, 070 1, 470	918 1, 511	1
Shelving: A Orders:													
New thous of do! Unfilled, end of month, thous, of dol	433 394	336 210	348 212	323 206	370 196	389 243	325 198	419 235	378 229	414 262	448 294	394 358	
Shipments thous of dol Safes:	425	342	346	329	379	342	371	382	384	381	416	393	
Orders: Newthous. of dol	195	172	200	188	182	203	189	227	251	228	224	204	
Unfilled, end of month thous of dol Shipments thous of dol	178 220	281 159	277 205	285 180	255 205	169 176	173 185	190 210	197 244	318 207	216 226	208 205	
Lock washers, shipmentsthous of dol Plate, fabricated steel, new orders total	199	235	246	261	206	255	219	232	313	251	246	267	١.,
Oil storage tanks short tons	34, 302 9, 446	31, 105 3, 531	30, 530 5, 850	19, 116 2, 617	35, 584 9, 341	38, 709 3, 354	27, 830 5, 940	29, 787 3, 620	29, 900 5, 678	51, 257 9, 311	51, 999 21, 861	60, 324 9, 968	a 3
Sheets, black, blue, galvanized, and full fin- ished:	1	ļ	 						[]				
Orders: Newshort tons Unfilled, end of monthshort tons	255, 557 287, 746	196, 423 198, 424	226, 209 211, 452	289, 101 286, 799	203, 318 299, 394	174, 805 267, 673	138, 244 231, 660	251, 818 280, 493	190, 269 221, 950	191, 511 217, 831	261, 439 276, 551	192, 873	20 23
Production, totalshort tons	213, 706 70. 2	190, 701	222, 963 73. 5	224, 541 74. 1	208, 774	223, 000 73, 3	191,359 62.9	207, 820 68. 3	217, 975 71. 6	224, 056 73. 6	210, 448	263, 531 217, 651	20
Shipments short tons Stocks, end of month, total short tons	204, 285 137, 556	176, 897 142, 922	220, 536 146, 306	213, 453 149, 122	195, 077 149, 213	207, 437 152, 283	175, 702 168, 572	209, 673 141, 916	252, 441 124, 239	210, 127 138, 510	203, 853 136, 605	71. 5 213, 372 138, 884	19 14
Unsold stocks	71,367	75, 581	83, 200	81, 597	74, 516	84, 037	86, 971	70, 648	65, 783	72, 333	75, 912	72, 603	7
Productionthous 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	
MACHINERY AND APPARATUS	,,,,,,	1 -,	0, 100	0,000	0,020	0,000	.,	0,200	1,752	,,,,,,	3,301	0,210	
Air-conditioning equipment:† Orders, new_totalthous. of dol	(1)	1, 359	1, 713	1,833	1, 958	(1)	(1)	(1)	(1)	(1)	(1)	(1)	
Air-washer group thous of dol. Fan group thous of dol.	(1)	60 586	96 596	170 854	135	(1) (1) 571	(1) 690	(i) 954	(1) 948	(i) 1,059	1, 106	(1) 1, 336	
Unit heater groupthous, of dol. Electric overhead granes:	1,013	713	1, 021	809	1, 151	711	715	561	576	564	626	763	
Orders: Newthous. of dol.	479	245	194	392	386	626	349	363	572	889	281	404	
Unfilled, end of monththous. of dol. Shipmentsthous of dol.	2, 275 412	1,475 471	1, 166 503	1,082 476	1, 194 274	1,700 217	1, 676 373	1, 723 317	2, 026 277	2, 641 268	2, 242 680	2, 085 566	
Electrical equipment. (See Nonferrous metals.)													
Exports, machinery. (See Foreign Trade.) Foundry equipment:				l I		Ì							
Orders: 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	
Unfilled, end of month1922-24=100. Shipments	162.8	144. 5 124. 7	164. 7 119. 7	119 2 145. 2	90. 8 147. 6	107. 5 110. 4	130. 4 114. 5	94. 4 124. 0	123. 2 105. 1	142. 6 146. 7	130. 8 153. 0	144. 5 145. 7	
Fuel equipment: Oil burners:*‡		İ			ĺ				ł				
Orders: Newno. of burners.	34, 893		24, 088	9, 553	7, 765	7, 275	7, 139	9, 235	10, 373	12, 578	15, 788	16, 183	2
Unfilled, end of month. no. of burners Shipments no of burners.	3, 092 35, 025	27, 143	2, 108 25, 657	1, 612 10, 049	1, 648 7, 729	1, 487 7, 436	1,531 7,095	2, 034 8, 732	2, 365 10, 042	2, 739 12, 204	4, 078 14, 449	3, 041 17, 220	: ا
Stocks, end of monthpo. of burners. Pulverized fuel equipment:	16, 444	11, 631	12,047	14, 101	15, 565	13, 437	14,057	15, 090	16, 901	18, 794	19, 221	21, 542	2
Orders, new, storage system: Furnaces and kilns. no. of pulverizers.	0	0	0	0	0	2	0	1	0	0	0	0	
Water-tube boilers. no. of pulverizers Orders, new, unit system:	0	0	0	0	0	0	0 7	0	0	0	0	0	
Fire-tube boilersno. of pulverizers. Furnaces and kilns no. of pulverizers. Wester-tube boilers, no. of rulverizers.	. 0 10 12	1 6 7	1 9 24	2 3 13	0 16 33	1 13 20	5 17	1 6 16	1 2 38	$\begin{array}{c c} & 1 \\ & 3 \\ & 25 \end{array}$	6 11 31	0 2 21	
Water-tube boilers_no. of pulverizers. Stokers, mechanical, new orders: Class 1_residential	1	8, 687	8,777	4, 287	3, 078	2,065	2, 342	2, 376	2,745	3, 547	4, 381	5,488	
Class 1, residential number Class 2, apartment and small commer- cial number	805	615	683	359	281	187	2, 342	130	130	123	199	316	
Class 3, general commercial and small commercial heaters number	268	272	268	145	108	84	71	40	44	60	76	148	
Class 4, large commercial: Number	499	345	310	213	196	161	126	132	152	183	242	336	
Horsepower		55, 260	51, 031	34, 849	34, 166	27, 297	25, 120	24, 775	43, 080	36, 935	49, 376	67, 218	8
Orders: New*avg. mo. shipments 1926=100.	118. 5	80.0	102. 9	98.6	98, 3	110.8	112. 1	05. 3	125. 7	118. 9	128.8	150. 1	
Pumps: Domestic, water, shipments:		ļ											
Pitcher, hand, and windmillunits Power, horizontal typeunits	46, 688 820	30, 014 782	21, 775 915	22, 358 681	19, 493 613	39, 221 772	35, 621 659	41, 192 964	40, 004 968	41, 259 1, 229	51, 484 1, 198	59, 217 1, 320	5
Measuring and dispensing, shipments: Gasoline:	ļ												
Hand-operated units Power units	867 9, 309	662 5, 121	564 5, 4 91	583 4,785	592 4, 901	426 4, 517	569 3, 992	599 5, 226	851 8, 703	798 8, 923	574 8, 774	757 9, 3 25	
Oil, grease, and other: Hand-operatedunits	8, 468	7, 631	7, 963	8, 166	5, 993	5, 678	4, 401	9, 492	9,720	10, 332	9, 916	11,855	
Powerunits	·1 959	-	1, 178	699	823	966 -	881	1, 259	844 trv a	I, 110	964	1,097	i
! Comparable data not available. See th * New series. For earlier data see p. 20	of the Dec	ember 19	32 issue fo	r tin and	terneplat	e and p. 2	0 of the J	aly 1934 is		Revised. achine too	ols (includ	ing forgin	g e
ment). Current oil-burner series, available † Revised series. Data on air-conditioni	omy back ng equipn	to januar ien <mark>t revis</mark> e	y 1933, are ed starting	e pased or January	reports f 1933; see f	ootnote o	псегиз. пр. 4 8, А	pril 1935.	The revi	sions for I	1933 will b	e shown i	п 9.
sequent issue. 1 Oil burners revised for 1934 and 1935, to	exclude d	ata erroneo	ously repo	rted. See	p. 51 of th	ne April 19	36 issue.	Data for 1	9 33 and 1 9	34 will be s	shown in a	subseque	nt
	IF IOF VAST	s 1932, 193	o. and 193	 will be s 	snown in .	a SUDSCOU	ьці issue.						
Revised data on steel furniture shelving FRACTISE series on mechanical stokers, so Series covering shipments and unfilled	ee p. 48 of	the April	1935 issue;	domestic	pumps s	tarting Ja	nuary 193	1, see p. 49	of the A	pril 19 3 5 i	ssue.		

Monthly statistics through December 1931,	1936		19	35					193	6			
together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Nov⊬m- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August
	META	LLS A	ND M	[ANU]	FACT	URES	—Con	tinue	d				
MACHINERY AND APPARATUS—Con.				!			[!		:	!		
Pumps—Continued. Steam, power, and centrifugal:		İ								:	:		
Orders, new thous. of dol. Water-softening apparatus, shipments	931	615	658	719	832	1,039	1,044	1,068	1,066	1,029	1,049	1, 175	1, 303
water systems, shipments: ¶ units_units_	954 14, 704	583 8, 560	812 8,946	715 8, 125	666 7, 195	754 9,856	737 6, 371	980 10, 364	1,031 11,496	1, 014 13, 106	1,052 16,714	845 16, 740	1, 016 14, 410
Woodworking machinery:		,,	2	9	8	10		_	_			10	10
Canceled thous, of dol. New thous, of dol. Unfilled, end of month thous, of dol.	152 819	11 281 422	404 441	311 404	520 462	12 449 538	3 412 581	5 417 632	7 377 610	9 439 604	9 445 597	12 474 610	16 571 657
Shinments:		170	249	241	188	190	201	224	217	247	267	280	300
Quantitymachinesthous. of dol	490	302	3 73	383	419	3 61	365	358	383	444	445	439	494
NONFERROUS METALS AND PRODUCTS													
Metais Aluminum:													
Imports, bauxite# long tons. Price, scrap, cast (N. Y.) dol. per lb Babhitt metal (white-base antifriction bearing metals):	22,836 ,1198	17, 960 . 1219	16, 246 . 1251	14, 534 . 1263	24, 439 . 1263	24, 251 . 1260	18, 997 . 1257	19,938 .1263	21, 685 . 1257	28,003 .1207	41, 043 . 1188	29,113 .1165	40, 506 . 1163
Production thous. of lb_ For own usethous. of lb_	2, 654 678 1, 977	2, 002 384 1, 618	2, 294 650 1, 643	2, 113 613 1, 500	1, 954 469 1, 485	2, 510 546 1, 964	2, 013 524 1, 489	2,064 453 1,612	2, 414 549 1, 865	2, 312 420	2, 374 495	2, 540 563	2, 495 772
Sales†thous. of lb Copper:	1	20, 050	20, 275	25, 592	22, 104	12, 573	19, 313	17, 438	16,700	1, 893 19, 683	1,879 23,969	1, 976 21, 703	1, 723 24, 249
Exports. refined short tons. Imports, totals short tons. Ore and blister short tons.	12,939	22, 239 21, 087	24, 327 23, 095	20, 772 20, 118	27, 456 25, 255	14, 749 12, 935	16,723	16, 427	11,310	15, 700	14,671	17, 186	14, 277
Ore and blistershort tons Price, electrolytic (N. Y.)dol. per lh. Lead:	. 0953	. 0850	.0897	.0903	.0903	.0903	.0903	. 0903	. 0917	. 0928	. 0928	. 0935	. 0953
Ore: Receipts in U. S. oreshort tons	2,970	28, 599 2, 628	27, 847 3, 006	31, 412 7, 977	31, 648 8, 639	29, 464	28, 195	29, 341	29, 535 2, 950	30, 547	31,828	34, 137	31, 314
Shipments, Joplin districtshort tons Refined: Imports#short tons	1	1, 440	1, 774	521	1, 217	3, 183 869	6, 467	4, 550 946	718	4, 540 2, 967	3, 500 1, 027	5, 880 1, 192	3, 180 2, 997
Price, pig, desilverized (N. Y.)	1	. 0441	. 0451	. 0450	. 0450	. 0450	.0452	. 0460	. 0460	. 0460	. 0460	. 0460	. 0460
dol per lb Production	29, 788 50, 685	29, 358 37, 615 224, 992	37, 844 42, 271 225, 309	36, 229 43, 035 222, 636	37, 958 42, 333 222, 306	34, 088 34, 590 224, 013	32, 221 33, 086 225, 010	32, 184 36, 743 223, 388	36, 175 40, 457 220, 991	39, 558 33, 125 229, 409	36, 756 37, 736 230, 481	36, 863 38, 996 231, 081	31, 117 46, 388 218, 233
Consumption in manufacture of tin and ternenlate*	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 Imports, bars, blocks, etc.# long tons Price, Straits (N Y) dol. per lb.	6, 200 5, 626	5, 360 6, 773	5, 355 4, 095	4, 035 4, 700	5, 360 6, 287	6, 635 6, 646	5, 600 6, 525	5, 520 6, 104	6, 235 4, 994	5, 235 5, 493	7, 795 8, 134	7, 120 6, 674	5, 385 6, 069
Stocks, end of month:	1	.4907	. 5121	. 5188	13,782	. 4724	. 4792	. 4799	. 4694	. 4630	. 4222	. 4297	. 4257
World, visible supplylong tons	13, 587 2, 860	11, 939 2, 849	13, 425 1, 389	15, 049 1, 472	2,312	13, 338 2, 985	15, 607 3, 523	16, 074 3, 968	13, 328 2, 713	15, 967 2, 941	14, 260 3, 054	13, 795 2, 151	15, 295 3, 095
Ore, Joplin district:	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
Shipments short tons Stocks, end of month short tons Price, slab, prime, western (St. Louis)	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
dol per lb Production, total (primary)†short tons Retorts in operation, end of monumber	. 0485	36, 221 34, 870	. 0483 36, 716 34, 777	. 0485 37, 469 36, 650	. 0485 40, 550 38, 329	. 0485 41, 917 38, 205	. 0486 36, 228 38, 004	. 0490 42, 483 37, 922	. 0490 43, 252 41, 400	. 0490 44, 905	. 0488	. 0478 45, 553	. 0480 43, 614
Shipments total† short tous Domestict short tous	51, 847 51, 847	42, 351 42, 351	47, 063 47, 063	48, 172 48, 172	42, 058 42, 058	46, 468 46, 458	39, 918 39, 918	38, 159 38, 159	42, 311 42, 311	41, 048 43, 977 43, 977	40,700 41,654 41,654	41, 308 41, 891 41, 891	41, 308 46, 085 46, 085
Stocks, refinery, end of month short tons			95, 969	85, 266	83, 758	79, 207	75, 517	79, 841	80, 782	81,710	85, 003	88,665	86, 191
Electrical Equipment	0.000	1 400		0.055	1.000	9.050	0.000	2.000	2 040	!			
Furnaces, electric, new orderskilowatts_ Electrical goods, new orders¶ (quarterly) thous of dol	3, 203 189, 516	1, 609 143, 132	1,903	2, 055	1,369	2, 258	3, 903	2, 992 153, 452	3, 246	3, 637	3, 631	2, 262	4, 391
Laminated phenolic products, shipments	1,116,177		1,061,285	878, 041	813, 455	826, 393	844, 374	924, 238	1,004,258	1,145,695	i	1.141.135	1.074.952
Mica, manufactured: Orders, unfilled, end of month			179	109	121				143	F			İ
Shipments thous, of dol Motors (direct current):		119 172	201	187	147	135 178	113	157 188	210	132 202	146 187	123 229	170 196
Billings (shipinents) dollars Orders, new dollars		374, 026 454, 450	348, 942 445, 613	490, 201 405, 167	571, 756 625, 708	432, 481 454, 601	533, 595 612, 483	424, 944 585, 348	518, 357 594, 719	524, 953 613, 371	553, 660 608, 317	523, 850 598, 845	606, 547 682, 362
Panel boards and cabinets, shipments thous, of dol	İ	2 85	338	293	306					 		,	002,002
Porcelain, electrical, shipments: Special	94, 304	79, 377	101, 108	83, 238	70, 698	S1,004	78, 914	77, 690	92, 637 35, 228	84, 436	94, 437	103, 457	99, 769
Standard dollars Power cal·les, shipments thous, of ft Power switching equipment, new orders:	43, 103	34, 737 332	41, 249 455	35, 458 293	26, 851 233	53,858 3 23	29, 923 419	27, 694 446	35, 228 408	48, 089 533	44, 664 536		35, 909 4 664
Indoor dollars dollars dollars	222, 832	46, 781 102, 719	43, 435 127, 347	46, 328 135, 293	84, 691 115, 247	41, 637 91, 522	63, 163 156, 313	57, 981 166, 011	68, 080 214, 250	77, 795 162, 163	72, 425 143, 868	°118, 256 293, 674	85, 758 165, 245
Reflectors, industrial, sales units Refrigerators, household, sales number.		71, 093 53, 622	83, 002 43, 708	87, 811 46, 930	81, 807 75, 904	97, 360 119, 764	70, 693 179, 056	89, 044 272, 139	111, 617 304, 089	88, 971 329, 140	97, 032 237, 371	59, 624 205, 098	80, 233 106, 975
Vacuum cleaners, shipments: Floor cleaners number Hand-type cleaners number	104, 941	78, 343 27, 478	93, 627 29, 047	85, 816 29, 261	86, 763 26, 570	74, 733 24, 999	86, 084 23, 769	114, 001 35, 878	104, 559 29, 588	105, 275 32, 175	80, 649 22, 295	71, 628	84, 108
rand-type cleaners	. 39, 118	- 41, 118	20, U±1	20, 201	- 40, 070	. 44,549	- 40,709	. 99,010	, ⊿ 0,088	04,170	22, 290	18,765	22,101

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1936		19	35					19	36			
ences to the sources of the data may be found	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August

METALS AND MANUFACTURES—Continued

NONFERROUS METALS AND PRODUCTS—Continued	! !		1	:	ł	+			:				
Electrical Equipment—Continued			İ	İ	i	İ	İ						
Vulcanized fiber: Consumption	517	1, 423 420 0 480	1, 782 509 7 430	2, 112 440 0 467	1,718 387 0 543	1,781 455 2 796	1, 635 417 0 810	1, 830 492 2 1, 048	2, 129 470 1 1, 073	2, 248 471 5 830	2, 116 489 0 881	2, 179 525 0 931	2, 210 485 0 854
Miscellaneous Products			!										
Brass and bronze (ingots): Shipments and deliveriesnet tons- Brass, plumbing: Shipments*1number of pieces. Brass sheets, wholesale price, mill	1,561,410		1		5, 894 916, 783		l	5,897 1,210,393	i			6, 339 •1,502,900	
Copper, wire cloth:	. 155	. 142	. 145	. 146	. 146	. 146	.146	. 146	.148	. 151	.151	. 152	. 154
Orders: New thous. of sq. ft Unfilled, end of month thous. of sq. ft Production thous. of sq. ft Shipments thous. of sq. ft Stocks, end of month thous. of sq. ft	455 528 433 442 740	439 560 375 359 788	386 483 442 440 741	424 527 384 396 725	386 505 379 395 695	418 528 447 398 689	370 495 406 416 689	413 516 424 411 709	369 412 450 439 702	416 441 387 386 706	408 500 413 379 740	384 478 413 416 718	423 469 408 406 698

PAPER AND PRINTING

WOOD PULPS	İ		1						İ			
Consumption and shipmentsshort tons.	362, 504	401, 864	394, 485	388, 244	415.790	393, 987	°405, 454	443, 272	437, 970	a435, 358	426, 449	445, 641
Groundwood short tone		98, 365	98, 100	96, 445	107, 413	97, 411	102, 102	110, 806	112, 758	a111, 905	105, 467	105, 126
Sulphate short tons		127, 598	124, 418	120, 807	139, 951	130, 084	a136, 479	136, 761	148, 433	a147, 321	144, 639	155, 175
Sulphite, total short tons		136, 623	134, 291	135, 317	129, 249	129, 517	127, 281	154, 300	138, 504	138, 111	4139, 815	144, 557
Bleached short tons		78, 624	79,011	78, 217	77, 100	77, 174	77, 726	98, 791	84, 910	86, 494	87, 940	91, 583
Unblooched short tons	49, 092	57, 999	55, 280	57, 100	52, 149	52, 343	49, 555	55, 509	53, 594	51, 617	a 51, 875	52, 974
Sulphate short tons Sulphite, total short tons Bleached short tons Unbleached short tons Soda short tons 33,		30, 483	30, 256	29, 399	32, 143	30, 639	32,873	34, 784	31, 669	31, 497	30, 355	33, 072
Damaged, off-quality & mise'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
Production, all gradesshort tons	355, 416	389, 331	388, 785	386, 523	419,946	398, 340	417, 948	441, 901	450, 261	435, 885	a416, 296	439, 104
Cronndwood short tone	75, 357	89,067	94, 007	99, 402	106, 794	100, 575	110.057	120, 054	120, 427	4110, 339	97, 253	95, 114
Sulphateshort tons		126, 332	125, 609	121, 148	139, 329	131, 642	136, 076	137, 792	148, 047	148, 148	144, 959	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	a137, 240	147, 587
Sulphate short tons Sulphite, total short tons Bleached short tons Unbleached short tons Soda short tons	MO 400	78, 227	75, 977	75, 236	79, 704	78. 105	80, 749	90, 474	90, 265	87. 123	85, 984	91, 793
Unblanched short tons	49, 185	56, 966	56, 317	55, 739	54, 586	50, 895	52, 394	51, 985	52, 624	52, 468	a51, 256	55, 794
Sodashort tons 34,		30, 022	29, 171	28, 821	32, 381	30, 989	31,794	35, 104	32, 282	31, 643	30, 687	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
Stocks short tons	109, 616	97, 683	91, 984	90, 263	89, 343	93, 696	106, 190	104, 819		a117, 637	a107, 485	100, 947
Groundwood short tons	45, 594	36, 896	32, 803	35, 760	30, 360	33, 524	41, 479	50, 727	58, 396	4 56, 830	48, 616	38, 604
Sulphete short tons Sulphite, total short tons Bleached short tons Unbleached short tons		4, 470	5, 661	6.002	5, 285	6, 843	6, 440	7, 471	7, 085	7, 912	8, 232	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	a46, 529	49, 559
Bleached short tons	36, 350	35, 953	32, 919	29,938	32, 639	33, 570	36, 593	28, 276	33, 631	34, 260	32, 304	32, 514
Unbleachedshort tons	16, 313	15, 280	16, 317	14. 956	17,096	15, 648	18, 487	14, 963	13, 993	14, 884	414, 225	17, 045
Sodashort tons 4.	5, 047	4, 586	3,502	2,924	3, 206	3,556	2, 477	2, 797	3, 409	3, 556	3, 889	4, 199
Damaged, off-quality & misc'l_short tons	576	498	782	683	757	555	714	585	595	235	219	201
Imports:		1					, ,,,	000	000	200	210	201
Chemical, total #short tons 208,	33 165, 848	228, 504	199, 812	243, 858	213, 837	160, 649	143,576	122,060	166,048	235, 129	207, 444	222, 320
Groundwood#short tons 28.		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	J	1				, , ,	,	1	,	11,020	20, 020	10,000
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	. 193	1, 93
PAPER§	**									1.00	. 100	
Total paper:†	ı	1	1		1	ļ.		Ì				
Paper, including newsprint and paper-	ı	1	}	l	ĺ	i	Ì	ĺ	l			
board:						l	-		•			
Productionshort tons	756, 573	914, 297	783, 341	717,604	819.300	753,581	776,471	867, 931	798, 060	a797, 826	a846, 434	833, 398
Paper, excluding newsprint and paper	1	1	!			1				1		, , ,
board:						ĺ	İ					l
Orders, newshort tons	415, 046	493, 851	398, 139	369,837	451, 268	401,523	453,983		415, 828	406, 228		428, 592
Productionshort tons Shipmentsshort tons	395, 715	488, 727	410,096	398, 141	469, 036	410, 225	414,714	496.498	432, 814	429, 324		439, 669
Shipmentstshort tons	394, 392	484,855	411, 434	383, 172	472,010	400, 525	413,778	485,666	424, 281	a415, 506	480, 156	424, 127

Monthly statistics through December 1931,	1936		19	35					198	36			
together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Janu- ary	Febru- ary	March	April	May	June	July	August
	Р	APER	AND	PRIN	TINC	-Со	ntinu	ed					
PAPER—Continued												İ	
Book paper:* Coated paper:													İ
Orders, new short tons Orders, unfilled short tons	18, 895 7, 407	18, 903 8, 808	19, 912 7, 924	19, 264 7, 225	17, 352 10, 043	22, 352 10, 351	22, 541 11, 364	31, 096 17, 314	18, 610 11, 336	17, 097 9, 106	16, 502 8, 218	16, 876 6, 657	18, 531 6, 780
Percent of potential capacity	19, 239 77. 7	18, 640 64, 3	$ \begin{array}{c} 21,197 \\ 65 0 \end{array} $	20, 066 58. 1	18, 831 63. 7	23, 106 63, 4	21, 844 66, 8	24, 697 76. 0	23, 525 79. 0	21, 409 71. 0	19, 260 68. 0	19, 225 66 3	20, 100 69.
Shipmentsshort tons_ Stocks, end of monthshort tons_	18, 983 12, 157	17, 654 16, 595	21, 728 16, 064	20, 746 16, 580	19, 145 14, 961	23, 640 16, 243	22, 752 15, 050	25, 998 12, 528	23, 734 11, 992	21, 308 12, 093	18, 497 12, 245	18, 885 12, 878	20, 38 13, 28
Uncoated paper:		83, 400	88, 329	87, 252	82, 558	98, 108	93, 960	128, 902	85. 548	72, 890	77, 313	52, 107	85,00
Orders, new short tons orders, unfilled short tons.	34, 208	35, 464	32, 771	35, 065 89, 262	37, 748	40, 212	43, 739	65, 508	49, 939	37, 369	35, 013	33, 658	33, 83
Production short tons. Percent of potential capacity	83 2	87, 911 70. 1	95, 894 72. 4	66 4	91 075 71.5	101, 223 71. 8	96, 968 73-9	101, 669 80. 0	107, 533 85. 4	97, 369 77, 5	86,676 71.6	89, 210 73, 4	93, 98 76.
Shipments short tons Stocks, end of month short tons.	94, 141	88. 127 73, 098	92, 415 74, 820	91, 197 74, 399	84, 964 79, 518	99, 769 81, 821	96, 293 81, 713	107, 116 73, 349	105, 689 76, 033	90, 507 82, 280	83, 718 83, 644	86, 040 87, 036	92, 61 88, 97
Fine paper:* Orders now 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, 51
Orders unfilled short tons]	9, 269 28, 494	8,666 39,075	8, 245 31, 281	8, 857 31, 633	10, 560 41, 979	12, 813 38, 155	16, 121 33, 676	16, 169 47, 990	13, 194 35, 561	12, 274 35, 077	10, 941 3 9, 258	9, 68 33, 62
Production short tons. Shipments short tons. Stocks, end of month short tons.		28, 599 56, 903	38, 959 56, 504	30.709	28, 355 60, 206	43, 467	34, 803	35, 435	45, 119	3 3, 559	33, 033	39,951	31,83
w ranning naner.	1			56, 867		59, 143	62, 400	61, 141	61, 545	62, 510	65, 784	62, 957	65, 52
Orders, new short tons. Orders, unfilled short tons. Production short tons.		141, 541 70, 686	184, 471 79, 566	134, 343 73, 774	125, 290 71, 348	149, 305 59, 041	125, 557 58, 545	133, 755 61 447	177, 510 77, 344	151, 013 73, 312	140, 385 72, 439	4167, 815 4 74, 750	141, 436 77, 600
Production short tons. Shipments short tons.		135, 278 132, 926	176, 973 175, 974	138, 523 140, 060	131, 544 127, 051	160, 822 163, 312	130, 719 126, 821	132, 887 128, 056	165, 537 161, 543	140, 120 144, 232	144, 615 143, 367	4163, 588 4167, 586	147, 143 140, 740
Stocks, end of monthshort tons Newsprint:		107, 856	107, 655	105, 468	108, 178	106, 644	110, 421	114,066	118, 269	114, 092		a109, 180	112, 32
Canada:	278, 368	208, 912	240, 421	244, 037	277, 838	184, 884	184, 079	256, 564	192, 894	258, 288	283, 589	234, 050	055 55
Exports short tons 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	257, 57, 270, 05;
Shipments from millsshort tons Stocks, at mills, end of month		225, 403	266, 679	285, 179	265, 233	181, 403	206, 010	239, 253	267, 296	286, 445	203, 684	271, 794	278, 219
United States: short tons	65, 989	a 73, 743	73, 579	50, 993	30, 138	76, 658	92 082	96, 254	85, 629	66, 240	73, 199	75, 430	65, 79
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, 28
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
basedol. per short tonshort tons	41.00 72,216	40.00 71.262	40.00 79,974	40.00 78,955	40.00 75,869	41.00 79,336	41.00 72,249	41.00 76,500	41.00 76,504	41.00 75,719	41.00 79,820	41, 00 73, 361	41. 00 a 74, 338
Shipments from millsshort 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	a 72, 64
Stocks, end of month: At millsshort 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, 46
At publishersshort tons In transit to publishersshort tons	230, 001 43, 070	221, 114 38, 703	222, 362 34, 754	$223,377 \\ 41,727$	240, 838 53, 302	237, 955 35, 178	221, 165 39, 387	203, 814 40, 851	188, 453 48, 567	191, 463 44, 860	193, 464 40, 573	201, 099 46, 971	219, 72 42, 78
Paperboard: § Consumption, waste papert_short tons	281, 046	244, 963	288, 668	246, 318	196, 429	229, 064	226, 216	237, 601	245, 566	241, 895	241, 656	249, 402	268, 77
Orders: Short tons	353, 197	307, 103	351, 887	272, 477	234, 753	283, 890	268, 843	290, 854	298, 180	280, 899	290, 098	304, 747	332, 55
Unfilled, end of monthshort tons_ Productionshort tons_	135, 732	105, 088 289, 596	107, 074 345, 596	88.971 294, 290	81, 894 243, 594	94, 210 270, 928	91, 917 271, 107	96, 202 285, 257	99, 796 294, 929	92, 784 289, 527	96, 402 288, 682	101, 557 299, 033	117, 44 319, 39
Percent of capacity Stocks of waste paper, end of mouth:	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.
At millstshort tons In transit and unshipped purchases	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, 88
In transit and unsnipped purchases short tons	(1)	38, 420	40, 780	35, 044	35, 269	39, 737	39, 983	38, 167	44, 306	(1)	(1)	(1)	(i)
PAPER PRODUCTS													
Abrasive paper and cloth, shipments:													
Domesticreams	79, 469	66, 455 8, 743	73, 057 9, 082	66, 453 9, 428	55, 740 15, 231	65, 784 7, 712	59, 936 4, 575	67, 405 9, 769	77, 561 10, 241	90,064 7,864	76, 084 9, 479	69, 709 7, 306	76, 19 10, 17
Paperboard shipping boxes: Shipments, totalmills. of sq. ft	1	2, 176	2,412	1,991	1,781	1,964	1,846	2,019	2, 095	2, 268	2, 188	2, 249	2, 69
Corrugated* mills. of sq. ft. Solid fiber* mills. of sq. ft.		1,931 245	2, 165 247	1,796 195	1,604 176	1, 768 195	1,653 194	1,804 215	1,873 222	2, 035 233	1, 945 242	1,994 255	2, 38
PRINTING													
Blank forms, new ordersthous. of sets		88, 721	100, 160	94, 574	92, 113	95, 196	84, 853	95, 189	101, 805	96, 677	100, 725	107, 537	104, 34
Book publication, total number of editions. New booksnumber of editions.		787 611	868 681	897 700	836 688	536 430	842 676	953 801	854 718	990 795	729 602	723 575	89
New editions number of editions. Operations (productive capacity), 1923 = 100.		176 83	187 85	197 86	148 84	106 82	166 83	152 82	136 84	195 86	127 81	148 80	15
Sales books: Orders, newt(thous, of books)		14, 643	17, 503	15, 785	15, 500	14, 966	13, 033	15, 778	15, 031	15, 581	17, 485	18, 384	16, 68
Orders, new ((thods. or books)	10, 920	14, 1143	14,000	10,100	10,000	14, 800	10, 000	10,110	10,001	10,001	11, 100	10,004	10,00

^{*} Revised.

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

† 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 nanufacturers. 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 hook, 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 refer-	1936		19	935					19	36			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July	August
	\mathbf{R}	UBBE	R AN	D RU	BBEI	R PRO	DUC'	rs					
CRUDE AND SCRAP RUBBER				:									
Crude: Consumption, totallong tons For tires and tubest†long tons Imports, total, including latex†† long tons Price, wholesale, smoked sheets, N. Y.	45, 403 50, 033	34, 000 ⁶ 21, 250 35, 707	38, 192 5 23, 627 36, 378	38, 500 5 22, 818 26, 073	38. 648 523, 198 39, 812	43, 655 b 27, 437 33, 921	33, 071 ^b 20, 464 34, 339	38, 433 5 21, 372 34, 874	46, 707 ^b 28, 666 45, 830	45, 434 b 29, 518 37, 050	47, 372 5 30, 916 38, 273	45, 721 5 31, 088 26, 450	45, 257 b 29, 017 41, 788
Shipments, world long tons Stocks, world, end of month! long tons Afloat, total! long tons To United States! long tons London and Liverpool long tons British Malaya long tons Reclaimed rubber:	70,000 485,500 96,000 62,240 103,962 60,287 225,239	. 116 74,000 661,509 100,000 43,413 174,894 67,361 319,254	. 127 75, 000 655, 000 100, 000 49, 913 168, 570 71, 868 312, 112	.131 63, 000 623, 300 89, 000 46, 588 166, 896 66, 794 294, 610	132 62, 000 611, 987 82, 000 39, 094 164, 200 61, 692 303, 000	144 62 000 600, 479 84, 000 43, 870 162, 107 66, 618 287, 754	. 154 63, 000 599, 355 85, 000 46, 532 157, 028 72, 530 284, 797	. 159 68, 000 574, 594 90, 000 58, 935 147, 712 61, 045 275, 837	.159 60, 000 558, 583 83, 000 47, 678 140, 404 66, 290 268, 889	. 156 68, 013 533, 411 89, 000 48, 860 130, 599 59, 866 253, 955	.159 65, 627 511, 931 90, 000 47, 228 122, 285 62, 426 237, 220	165 82, 073 510, 872 106, 000 60, 343 113, 386 63, 838 227, 649	. 168 72, 606 492, 439 4 99, 006 63, 597 108, 215 63, 139 4222, 086
Consumptionlong tons_ Productionlong tons_ Stocks, end of monthlong tons_ Scrap rubber;	8, 936 12, 959 15, 105	7, 011 6, 871 11, 321	7, 923 11, 926 11, 784	7, 494 11, 482 12, 028	6, 817 12, 307 13, 537	8, 031 11, 665 14, 326	5, 893 10, 188 15, 547	7, 014 10, 712 16, 039	8, 266 11, 382 16, 193	8, 317 11, 512 15, 889	9, 238 11, 935 14, 925	9, 453 12, 330 13, 767	8, 794 12, 856 14, 741
Consumption by reclaimerslong tons TIRES AND TUBES;		23, 498			29,772			28,994					
Pneumatic casings: Productionthousands. Shipments, totalthousands. Domesticthousands. Stocks, end of monththousands.		^b 3, 067 ^b 2, 676 ^b 2, 621 ^b 6, 713	5 3, 281 5 3, 317 5 3, 258 5 6, 715	b 3, 238 b 3, 232 b 3, 170 b 6, 682	b 3, 282 b 3, 365 b 3, 311 b 6, 639	5 3, 709 5 3, 139 5 3, 079 5 7, 224	^b 2, 898 ^b 2, 601 ^b 2, 545 ^b 7, 504	b 2, 947 b 3, 123 b 3, 065 b 7, 360	b 3, 932 b 3, 971 b 3, 917 b 7, 318	b 4, 027 b 4, 724 b 4, 659 b 6, 623	b 4, 544 b 4, 692 b 4, 626 b 6, 345	b 4, 427 b 4, 653 b 4, 599 b 6, 275	b 4, 662 b 4, 631 b 3, 978 b 6, 313
8olid and cushion tires: Production	1	b 24 b 20 b 19 b 37	b 27 b 25 b 25 b 38	b 23 b 19 b 19 b 41	b 22 b 23 b 23 b 41	b 25 b 23 b 22 b 40	6 15 6 17 6 17 6 37	b 16 b 21 b 21 b 32	6 33 6 32 6 32 6 32	b 30 b 30 b 30 b 31	* 37 * 36 * 35 * 33	b 39 b 34 b 34 b 37	^b 34 ^b 28 ^b 28 ^b 42
Inner tubes: Production		b 3, 341 b 2, 775 b 2, 735 b 6, 127	b 3, 592 b 3, 262 b 3, 215 b 6, 523	b 3, 193 b 3, 035 b 2, 988 b 6, 611	^b 3, 279 ^b 3, 268 ^b 3, 229 ^b 6, 667	b 3, 719 b 3, 376 b 3, 330 b 6, 984	b 2,880 b 2,791 b 2,748 b 7,046	b 3, 068 b 3, 074 b 3, 027 b 7, 040	\$ 3,908 \$ 3,844 \$ 3,792 \$ 7,118	6 3, 903 6 3, 984 6 3, 931 6 7, 063	6 4, 078 6 4, 458 6 4, 408 6 6, 565	b 4, 194 b 4, 664 b 4, 490 a 6, 257	b 4, 081 b 4, 160 b 4, 125 b 6, 173
Fabricsthous, of lb		^b 12, 606	b 14, 148	^b 13, 523	⁵ 13, 632	ь 15, 988	b 12, 059	b13, 417	^b 16, 571	b 17, 099	^b 18, 494	^b 18, 251	^b 17, 152
MISCELLANEOUS PRODUCTS Rubber bands, shipmentsthous. of lb	226	269	334	363	3 63	264	206	236	266	217	209	238	186
Rubber-proofed fabrics, production, total Auto fabrics	505 591	5,396 396 2,984 431	5, 571 449 2, 866 492	3, 269 395 1, 291 450	2,760 313 604 450	2,864 219 603 371	2, 950 191 786 322	3.467 199 $1,289$ 422	4, 134 265 1, 442 485	3, 666 244 1, 446 523	3,782 256 1,442 488	4, 001 334 1, 473 483	4, 514 370 1, 842 614
Rubber and canvas footwear: Production, total	6,003 1,150 4,853 8,063 1,481 6,582 8,039 1,465 6,574 14,567 3,286 11,281	4, 427 873 3, 554 5, 510 889 4, 622 5, 489 881 4, 608 14, 559 4, 137 10, 422	5, 874 1, 297 4, 577 5, 733 673 5, 059 5, 705 654 5, 051 14, 700 4, 761 9, 939	5, 172 1, 301 3, 871 5, 657 491 5, 165 5, 626 467 5, 159 14, 200 5, 571 8, 630	5, 993 1, 661 4, 332 6, 276 830 5, 446 6, 252 815 5, 437 14, 967 6, 743 8, 224	5, 925 2, 174 3, 751 6, 144 2, 061 4, 083 6, 109 2, 042 4, 067 14, 886 6, 839 8, 047	5, 231 2, 498 2, 732 4, 819 1, 929 2, 890 4, 788 1, 915 2, 873 14, 957 7, 305 7, 652	5, 905 2, 937 2, 969 5, 041 3, 019 2, 022 5, 011 2, 997 2, 014 15, 804 7, 207 8, 597	5, 876 2, 888 2, 988 4, 970 3, 519 1, 451 4, 928 3, 480 1, 447 16, 609 6, 565 10, 134	5, 227 2, 058 3, 170 4, 429 3, 333 1, 096 4, 399 3, 309 1, 090 17, 497 5, 289 12, 208	5, 659 2, 018 3, 641 4, 334 2, 791 1, 543 4, 290 2, 751 1, 539 18, 822 4, 519 14, 303	4, 571 1, 244 3, 327 5, 431 2, 034 3, 397 5, 407 2, 018 3, 390 17, 962 3, 729 14, 233	5, 588 1, 377 4, 212 6, 877 1, 443 5, 435 6, 851 1, 420 5, 431 16, 626 3, 615 13, 010
Production thous of pairs Shipments, total* thous of pairs Export thous of pairs Repair trade thous of pairs Shoe manufacturers thous of pairs Stocks end of month thous of pairs Rubber soles:	(i) (i) (i) (i) (i)	16, 406 17, 067 187 5, 187 11, 694 36, 051	18, 517 18, 814 296 5, 029 13, 489 36, 291	16, 024 16, 886 428 4, 173 12, 285 30, 710	16, 649 17, 094 348 2, 829 13, 917 30, 374	(1) (2) (3) (4)		(1) (1) (1) (1) (1)	(1) (1) (1) (1) (1)	000000	(1) (1) (1) (1) (1)	(1) (1) (1) (1) (1) (1)	(1) (1) (1) (1) (1)
Production thous of pairs Shipments, total* thous of pairs Export thous of pairs Repair trade thous of pairs Repair trade thous of pairs Shoe manufacturers thous of pairs Stocks, end of month thous of pairs	(1) (1) (1) (1) (1) (1)	3, 021 3, 160 3 660 2, 497 3, 844	4, 022 4, 141 1 625 3, 515 3, 731	3, 399 3, 528 11 492 3, 025 3, 121	3, 698 3, 544 1 401 3, 142 3, 164	(1) (1) (2) (3) (4) (1)	(i) (l) (l) (l) (l) (l)	(1) (1) (1) (1) (1)	(1) (1) (1) (1) (1)	(1) (1) (1) (1) (1) (1)	(1) (1) (1) (1) (1) (1)	(1) (1) (2) (3)	(1) (1) (2) (3) (4)
Mechanical rubber goods, shipments:▲ Total	(i) (i) (i) (i)	3, 980 1, 018 1, 248 1, 715	5, 015 1, 155 1, 438 2, 422	4, 755 989 1, 319 2, 447	5, 200 1, 027 1, 408 2, 765	(1) (1) (1) (1)	(1) (1) (1) (1)	(1) (1) (1) (1)	(1) (1) (1) (1)	(1) (1) (2)	(1) (1) (1) (1)	(1) (1) (1) (1) (2)	(1) (1) (1)

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

STONE, CLAY, AND GLASS PRODUCTS

BRICK Common brick: Price, wholesale, red, N. Y.													
dol. per thous		9, 50 91, 127	9, 50 117, 031	9.50 95,673	9. 50 73, 586	9.50 56,471	9.50 44,736	9. 50 109, 641	9. 50 154, 473	10.50 171,418	10.50 172,892	10.50 4170, 135	10. 59 170, 115
Stocks•thous. of brick Face brick (average per plant): Orders, unfilled, end of mo.		394, 988	423, 651	424, 737	426, 550	417, 482	405, 866	363, 932	322, 719	335, 768	368, 638	4398, 870	409, 028
thous of brick	(1) (1)	291 351	294 348	354 322	562 309	747 179	833 172	(1) (1) (1)	(1) (1)	(1) (1)	(1) (1) (1)	(1) (1)	(1) (1)
Production (machine) thous of brick— Shipments—thous of brick— Stocks, end of month;—thous of brick—	(1) (1)	277 2, 168	311 2, 223	235 2,334	147 2, 485	95 2, 385	66 2, 477	(1) (1)	(1) (1)	(i) (i) (1)	(1)	(1) (1)	(1) (1)
Sand-lime brick: Orders, unfilled, end of mo.		7 00	900		1 005				. ==0	- 000	0.04	0.100	
thous, of brick. Production		720 2, 396 44	390 2,115 129	1, 399 83	1, 225 1, 274 33	1,690 486 36	7, 965 1, 032 29	7,928 2,220 186	1, 753 1, 449 143	1,380 2,278 137	2, 945 3, 690 264	2, 100 3, 427 197	1, 540 3, 921 201
thous, of brick. Shipments by railthous, of brick. Shipments by truckthous, of brick. Stocks, end of monththous, of brick. Stocks and of monththous, of brick.		1, 894 2, 202	1, 927 2, 164	1, 280 2, 185	896 2, 451	714 2, 046	1, 085 2, 285	2, 129 1, 600	1, 688 1, 103	2, 163 1, 084	3, 235 1, 340	2,896 1,812	3, 377 1, 939
Vitrified paying brick: Shipments*thous. of brick Stocks*thous. of brick		5. 115	5, 454 79, 753	6, 178	4, 715	3,892	2, 052	4,856	7,858	8,972	11, 476	10, 920	8, 724
•		81, 344	79,753	79, 468	81, 191	79, 730	79, 677	79, 408	76, 073	75, 447	71,800	°68, 380	70, 683
Price, wholesale, compositedol. per bbl	1. 667	1. 667	1, 667	1. 667	1.667	1. 667	1, 667	1.667	1.667	1. 667	1. 667	1. 667	1, 667
Production thous. of bbl.	12, 292 57. 1	7, 173 32. 6	7, 510 33, 1	7, 093 32. 2	5, 803 25. 6	3, 630 16. 1	3, 454 16. 4	5, 263 23. 4	8, 519 39. 2	10, 985 48. 9	11. 273 52. 3	11, 446 51. 3	12, 535 56, 2
Percent of capacity	12, 564 18, 648	7, 799 21, 783	8, 794 20, 501	5, 976 21, 613	4, 514 22, 908	3, 889 22, 686	3, 156 22, 971	7, 138 21, 126	9, 089 20, 571	11, 121 20, 431	12, 417 19, 281	11, 766 18, 975	12,560 418,920
Stocks, clinker, end of month thous. of hbl GLASSWARE, ETC.	4, 748	6, 368	5, 891	5, 607	5, 226	5, 214	5, 590	5, 625	5, 328	5, 071	4,912	5, 079	4, 931
Glass containers:#													
Production thous, of gross	3, 994 72. 6	3, 102 58. 7	3, 616 60. 8	3, 271 59. 4	3, 059 55. 5	3, 114 52. 1	3, 047 55. 4	3, 339 58. 4	3, 604 63. 0	3, 810 69. 3	3, 898 68. 1	3, 844 67. 2	4, 403 77. 0
Percent of capacity Shipments thous of gross Stocks end of month thous of gross	4, 345 7, 015	3, 700 7, 576	3, 569 7, 575	2, 938 7, 836	2, 537 8, 328	2, 916 8, 437	3, 031 8, 410	3, 434 8, 270	3, 604 8 , 224	3, 996 7, 942	3, 999 7, 792	4, 179 7, 488	4, 346 7, 422
Illuminating glassware: Orders: New and contractnumber of turus	2, 899	2, 446	2, 485	2,416	1,817	2, 261	1,853	2, 110	2, 381	2, 193	2, 355	2, 356	2, 594
Unfilled, end of month number of turns Productionnumber of turns	2, 783	2,306	2,680	2.730	2, 477	2,749	1,883	1, 904	2, 109	2, 189	2, 274	2, 474 2, 138	2, 620
Shipments:	2, 591 2, 684	2, 013 2, 088	2,705 2,584	2, 672	2, 292	2, 159 1, 965	2, 148 1, 978	1, 866	2, 039 2, 127	2,085	2, 171 2, 250	2, 138 1, 996	2, 154 2, 374
Totalnumber of turns_ Percent of full operation	104. 6 3, 056	81. 4 3, 358	100. 7 3, 450	2, 339 91. 1 3, 618	80. 6 3, 735	76. 6 3, 753	77. 1 4, 045	74. 5 3, 887	\$2, 127 \$2, 9 3, 916	81.3 3,954	87. 6 4, 009	77. 7 4, 135	92. 5
Stocks, end of monthnumber of turns 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	18, 710
GYPSUM.										:	1		
Crude (quarterly):		170 613			124, 302			8.008			163 479	İ	
Imports short tons. Production short tons. Shipments (uncalcined) short tons.		566, 719 161, 786			498, 765 140, 363			355, 8 75 93, 3 38			727, 729 221, 330		
Calcined (quarterly): Productionshort tons Calcined products (quarterly):		1	1		1	1		310, 448		; ;	559, 247	! !	
					66, 969			57 818		1	115 944		
Roard, plaster (and latb) thous, of sq. ft Board, wallthous of sq. ft Cement, Keenesshort tons. Plasters, neat, wood fiber, sanded, gaug-		62, 250 5, 642			62, 886 5, 716			60, 361 5, 768			96, 022 9, 676		
Plasters, neat, wood fiber, sanded, gaug- ing, finish, etcshort tons For pottery, terra cotta, plate glass, mix		293, 984				İ		i			368, 638		
for pottery, terra cotta, plate glass, mixing plants, etcshort tons Tile, partitionthous, of sq. ft	 	35, 892 2, 420			34, 814 2, 420			38, 834 2, 716					
TERRA COTTA		-, 120			2, 120			2,710			9,000		
Orders, new:	1 100		1.00=	1.00=	1 500	1.000	1 10*	1 050	1 01-	1 900	1 500		
Quantity short tons. Value thous, of dol.	1, 120 134	713 91	1, 027 124	1, 267 149	1,509 179	1, 906 211	1, 105 138	1, 050 146	1, 945 215	1, 390 159	1,706 202	975 116	1, 55: 19-
TILE										:	4		i
Hollow building tile:* Shipmentsshort tons_ Stocksshort tons_	!	45, 575	55, 663	45, 069	31, 361	28, 480	21,952	48, 330	68, 536	78,774	89, 415	490, 521	95, 30
Stocksshort tons		341,509	329, 489	335, 104	337, 465	330, 262	327, 112	318, 059	310, 262	312, 141	311, 830	4306, 99×	304, 558

Revised.

* New series Earlier data not published on illuminating glassware prior to July 1932 except production and percent of capacity); for earlier data see p. 29 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 gypsym see p. 29 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, 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 for the year of 1933 amounted to 33,048,747, compared with 23,693,582 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, 33,763,861; 1930, 31,995,933; 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-	1936		19	35					19	36			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Septem ber	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July	August
			TEXT	TILE :	PROD	UCTS	}						
CLOTHING Hosiery:*	İ												
Production thous. of dozen pairs. Shipments thous. of dozen pairs.		9, 577 10, 816	11, 574 12, 164	10, 293 10, 231	8, 918 8, 648	10, 099 8, 487	9, 252 8, 662	9, 832 10, 420	10, 201 10, 176	9, 270 9, 379	9, 479 8, 847	9, 983 9, 322	10, 111 11, 150
Stocks, end of month thous. of dozen pairs		17, 930	17, 299	17, 319	17, 547	19, 261	19, 951	19, 464	19, 589	19, 581	20, 314	20, 975	19, 930
COTTON		ĺ											
Consumption tthous. of bales_ Exports:	630	451	553	512	500	590	516	551	577	531	5 55	607	574
Quantity, exclusive of linters thous, of bales.	570	487	712	1, 135	886	543	406	405	353	3 52	298	156	182
Ginnings (total crop to end of month) thous. of bales. Imports#thous. of bales.	5, 031 9	4, 232 6	7,744	9, 357	8 9, 755 13	d 10, 248	18	10, 42 0 16	13	20	12	41 20	1, 374
Prices:		. 106	. 109	. 115	. 114	. 111	,110	. 109	. 112	.112	. 114	. 126	. 122
To producerdol. per lb. Wholesale, middling, N. Ydol. per lb. Production, crop estimatethous. of bales	11,609	. 108	. 112	. 120	, 121 /10, 638	, 119	, 116	. 114	.117	.117	. 120	. 132	11, 123
Receipts into sight thous. of bales. Stocks, end of month: Domestic, total mills and warehouses	2,827	2, 261	3, 145	2, 315	1,332	819	691	496	437	381	310	201	808
thous, of balesthous, of bales	7, 655 849	7,866 723	9, 560 1, 078	9, 978 1, 349	9,820 1,431	9, 281 1, 436	8, 653 1, 405	7, 907 1, 337	7, 179 1, 190	6, 329 1, 090	5, 514 989	4, 834 ×97	5, 089 752
Warehouses thous. of bales. World visible supply, total thous. of bales.	6,806	7, 143 5, 205	8, 482 7, 060	8, 629 7, 697	8, 389 7, 768	7,845 7,590	7, 248 7, 385	6, 570 6, 825	5, 990 6, 540	5, 239 6, 025	4, 524 5, 423	3, 938 4, 899	752 4, 337 4, 748
American cottonthous. of bales COTTON MANUFACTURES	4, 578	3, 968	5, 807	6, 383	6, 363	5,918	5, 591	4, 992	4, 574	4, 121	3, 579	3, 991	2 986
Cotton yarn:													
Prices, wholesale: 22/1s, cones (Boston)dol. per lb	. 303	. 300	.312	323	. 321	. 299	. 290	. 278	. 274	. 271	. 271	. 295	. 301
40/1s, southern spinning*dol. per lb Cotton goods: Cotton cloth:	. 101	. 405	. 408	. 415	. 415	. 415	.415	. 393	. 385	.385	. 373	. 385	. 388
Exports thous of sq. yd. Imports thous of sq. yd.	14, 387 7, 098	14, 128 4, 315	15, 529 5, 876	16, 935 5, 174	12, 466 4, 910	15, 489 9, 489	15, 392 8, 799	21, 745 12, 316	19, 685 9, 836	18, 840 8, 680	16, 843 14, 624	18, 527 4, 795	24, 412 5, 802
Prices, wholesale: Print cloth, 64 x 60dol. per yd.	1	. 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, plainthous. 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 Dyed, black thous, of yd	100, 042 6, 420	87, 921 6, 151	102, 066 6, 499	96, 507 5, 399	84, 239 3, 969	87, 685 4, 554	90, 390 4, 118	101, 739 4, 140	103, 305 4, 087	98, 345 4, 364	90, 398 4, 675	91, 620 6, 357	100, 061 7, 690
Printedthous. of yd_ Stocks:		86, 948	97, 972	97, 331	104, 720	100, 528	91,860	95, 274	91,074	89,518	90, 338	91, 273	91, 157
Bleached and dyedthous. of yd. Printedthous. of yd. Spindle activity:†	171, 340 86, 798	195, 421 88, 292	199, 328 93, 795	205, 719 95, 790	203, 494 107, 382	197, 107 105, 464	198, 508 103, 179	183, 292 99, 684	187, 333 93, 275	191, 956 103, 419	188, 124 105, 782	135, 548 94, 557	154, 264 88, 815
Active spindlesthousands. Active spindle hours, total	23, 514	22, 682	23 , 128	23, 194	23, 399	23, 323	23, 348	23, 182	23, 119	22, 833	23, 021	23, 252	22, 431
millions of hours Average per spindle in placehours.	8, 088 289 125, 8	6, 182 207	7, 437 251 4 103, 7	6, 898 233 101, 1	6, 804 233 103. 8	7, 709 266	6, 735 233 105, 2	7, 254 251 4 107, 9	7, 313 255	6, 896 242	7, 320 259	7, 855 279	7, 573 270
Operationspercent of capacity. RAYON AND SILK	120.0	a 93. 8	3 105. 7	101.1	103. 8	111.9	100.2	- 107. 9	a 110. 7	105. 2	111.0	119, 8	115.8
Rayon: Deliveries:*													
Unadjusted	. 387	583 419	494 462	464 522	473 557	477 487	517 454	422 399	433 416	428 446	498 623	614 808	633 586
3-mo, moving average of adjusted index 1923-25=100_ thous of lb.	2,072	. 465 241	468 145	514 509	522 312	499 392	447 611	423 346	420 551	495 683	626 699	672 1, 242	594 2, 441
Price, wholesale, 150 denier, "A" grade (N. Y.)dol. per lb	1	1	. 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	2 27	227	
Silk: Deliveries (consumption) bales. Imports, raw # thous. of lb.	45, 709 6, 900	45, 156 6, 708	48, 167 8, 218	37, 012 6, 061	35, 559 6, 365	38, 995 6, 275	32, 053 5, 518	36, 000 3, 480	34, 564 4, 647	32, 087 4, 066	31, 437 4, 143	36, 658 4, 753	42, 016 6, 315
Prices, wholesale: Raw, Japanese, 13-15, N. Ydol. per lb Silk goods, compositedol. per yd.	1.698	1	2. 084 1. 00	2. 092 1. 00	1. 958 1. 00	1. 950 (1)	1. 784 (¹)	1, 733 (1)	1. 682 (¹)	1,600	1. 597	1, 714 (1)	1.791
Stocks, end of month: World visible supply*bales_	148, 253	180, 180	182, 077	185, 748	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		51, 458	54, 941	56, 511	64, 680	53, 689	46,098	40,066	35, 409		

^{*}Revised. *As of Dec. 13. *As of Oct. 1. *As of Jan. 16. *I Final estimate. 1 Discontinued by reporting source.

*New series. Hosiery compiled by the National Association of Hosiery Manufacturers and estimated to represent 95 percent of the industry. For complete series see p. 19 of the September 1935 issue. Data on cotton cloth finishing are from the National Association of Finishers of Textile Fabrics and cover practically all the industry, comparable figures are not available prior to December 1933; the production statistics are prorated from data for 4-week periods; stocks are reported at end of each 4-week period. Data on cotton yarn, southern spinning from January 1933-April 1934 will be shown in a subsequent issue. Rayon deliveries from January 1923-April 1935 were shown on p. 19 of the June 1935 issue; these data are compiled by Rayon Organos. New series on world visible supply of silk. For monthly data from January 1922-June 1936, 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. 57 of the October 1936 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, pp. 57 of the September 1933 issue, for 1933 revisions see p. 20 of the February 1934 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 November 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 193

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1936		19	35					193	86			
	Septem-	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July	August

TEXTILE PRODUCTS—Continued

	ī	-	1	í		,							
WOOL		1											
Consumption:			l							!			
Total, grease equivalent basis;													ł
thous. of lb	⁵ 60, 763	▶ 80 , 2 93	* 78, 727	• 72, 993	b 73, 367	b 73, 908	b 64, 193	^b 53, 460	^b 55, 387	^b 46, 593	^b 54, 533	b 68, 718	b 63, 449
Apparel class, scoured basis - thous. of lb	b 21, 477	⁵ 28, 994	29, 565	b 27, 528	^b 27. 730	28, 223	b 24, 488	b 20, 369	^b 20, 588	17, 294	b 20, 075	b 21, 697	b 23, 00
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:	0.5	110	1 ,,,	105	100								
Combs, worsted percent of capacity	95	113	124	125	108	107	117	88	74	72	93	93	106
Looms:	61					1							l
Carpet and rugpercent of capacity_		a 51	54	53	45	46	52	50	50	48	48	47	50
Narrowpercent of capacity	41	a 32 a 77	42 84	44 89	43 90	48	44	38	36	34	36	36	43
Widepercent of capacity_	66	011	84	89	1 90	90	90	80	76	76	74	69	73
Spinning spindles:	88	a 94	106	104	93	95	00	0.5	00		0.7		0=
Woolen percent of capacity	65	¢68	81	83	73	62	96 68	85	82 60	87	87	90	97
Worsted percent of capacity.	65	- 08	91	00	10	02	08	59	60	57	57	59	68
Prices, wholesale: Raw, territory, fine, scoureddol. per lb	. 89	.78	. 81	. 84	.84	. 87	. 92	00	. 88	07	000		
Raw, Ohio and Penn., fleeces.dol. per lb.	.38	. 33	a 36	.39	.39	. 39	. 42	. 93	37	. 87	. 90	.89	. 89
Suiting, unfinished worsted, 13 oz. (at mill)	. 30	. 33	5.30	, 39		. 39	. 42	.42	.31	.37	. 38	. 39	. 36
dol. per vd	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	1.004	1.003	1.024	1.700	1. 703	1. 700	1. 755	1. /92	1.702	1.702	1.782	1. 745	1. 034
(actory)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 warn 2/32s crossbred stock Bos-	2.011	1.02.	1.010	1. 002	1.001	1,001	1. 101	1.111	1, 114	1.114	1. 114	1. 114	1. 113
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, 33	1.30	1.28	1.30	1, 29	1. 28
Receipts at Boston, totalthous. of lb	16, 156	23, 832	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
Foreignthous. 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:*	, .,	-,	٥, . ـ ـ ـ	0, -02	.,	i '		,	1 1, 121	0.000	0,00.	2, 100	1,002
Total thous of lb.	125, 940	a156, 694			a116, 299			105, 096		i	a147, 057		i
Domesticthous of lb	99, 601	4137 522	1	1	4 86 383	l. .	1	60, 473			a110, 898		
Foreign thous of lb.	26, 339	18, 872		!	a 90 016		1	44 693			4 36, 159		
Combing thous of ib.	81, 967	111, 770			a 71,531			60, 429			a 98, 310		
Clothingthous. of lb	43, 973	a 44, 924			a 44, 768			44, 667			a 48, 747		
6		l '		i			1				,		
MISCELLANEOUS PRODUCTS	ļ	ł		!			1						ŀ
Buttons, fresh-water pearl:		•	,	i			İ						İ
Productionpct. 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 monththous. 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	4 3, 575
Pyroxylin-coated textiles (artificial leather):		5, 512			-,	2, 100	0,.02	1,010	1,000	0,00.	0, 100	0, 110	0,010
Orders, unfilled, end of month					1		į	i	ļ		1		1
thous, 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 spreadthous. 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	1, 972
***·**	1	ľ	1	1	1	,	, , , , , ,	1	,	,	1 -, 555	l -, *	,,,,,

TRANSPORTATION EQUIPMENT

AIRPLANES													; ; ;
Production, totaltnumber.		141	159	124	109	124	136	205	227	295	376		
Commercial (licensed)number_		83	112	59	61	56	72	97	106	199			
Military (deliveries)number_		9 1	17	39	37	50	39	84	93	70	71		
For exportnumber_		49	30	2 6	11	18	25	24	28	26	71		
AUTOMOBILES							: 						
Exports:								1				1	
Canada:	1												
Automobiles, assembled, total_number.	3, 514	4,777	3, 931	5, 576	5, 515	6,607	4, 573	7,603	3,726	5, 222	4, 424	4, 545	3, 414
Passenger carsnumber	2, 153	3, 643	2,629	4,087	3,639	5, 143	3, 537	1,607	3, 108	3,945	3, 438	3, 367	2, 335
United States:		!							1	1			
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: ⊗	100 150			00 101	0= *00	00.000	0=						
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 carsthous. of dol_	76, 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 carsthous. of dol Unclassifiedthous. of dol	44, 768	30, 716 820	31, 122 887	28, 708	31,906	31,868 498	31, 432	48, 044	55, 705	58, 695	59, 606	54, 980	48, 368
Wholesale (manufacturers to dealers)	828	820	887	951	997	498	505	807	980	1, 051	1, 028	910	861
thous, of dol	55, 341	39, 700	75 007	122 215	140 799	110 070	112 020	154 147	100 401	100 000	174 077	162, 404	107 000
thous, of doi	1 55, 341	a 39,700 !	10, 907	1104,010	1 149, 728	115,572	113.830	1 104. 147	1 189, 481	1 180, 665	174.277	102, 404	127, 032

thous. of dol... 55, 341 | 39, 700 | 75, 907 | 132, 315 | 149, 728 | 118, 820 | 154, 147 | 189, 481 | 180, 665 | 174, 277 | 162, 404 | 127, 032 |

*Revised.

*Preliminary.

*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.

*New series.

*Weeks. 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.

*A 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."

1 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 113. Includes clothing and carpet wools. See note on appared class wool on p. 20 of the July 1935 issue.

**Special probability of the monthly wool consumption report, from which can be computed the present data, using

Monthly statistics through December 1831, together with explanatory footnotes and refer-	1936		19	35					19:	36			
	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July	August

TRANSPORTATION EQUIPMENT—Continued

AUTOMOBILES—Continued													
Fire-extinguishing equipment:													
Shipments: Motor-vehicle apparatusnumber_	59	49	59	65	53	38	42	52	53	48	56	67	69
Hand-typenumber_ Production:	31, 105	28, 362	31,556	27, 587	25, 516	32, 120	23, 932	31, 203	32, 753	32, 542	35, 110	38, 560	36, 573
Automobiles:	4 055			40.404		40.000		40.004	0.4 0.54				
Canada, totalnumber_ Passenger carsnumber_	4, 655 2, 481	5, 188 3, 402	8, 273 6, 803	13, 491 10, 916	13, 789 10, 666	13, 302 11, 261	13, 268 10, 853	18, 021 14, 488	24, 951 20, 247	20, 006 16, 389	16, 400 13, 126	10, 475 8, 192	4, 660 3, 051
Passenger cars number United States, total† number Passenger cars† number Trucks† number Automobile rims thous of rims	135, 130 90, 597	87, 540 56, 097	272, 043 213, 310	395, 059 336, 914	404, 528 343, 022	364, 004 298, 274	287, 606 224, 816	420, 971 343, 523	502, 775 417, 133	460, 565 385, 507	452, 955 375, 894	440, 999 372, 402	271, 291 209, 754
Trucks †number	44, 533	31, 443 1, 052	58, 733	58, 145	61, 506	65, 730	62, 790 1, 261	77, 448	85, 642	75, 058	77, 061	68, 597	61, 537
Registrations:	1	1	1,654	1, 804	1,912	1, 877	1	1,841	2, 258	1, 960	1,876	1,716	935
New passenger cars tnumber New commercial cars tnumber	208, 896 54, 611	157,098 41,390	148, 389 43, 243	220, 262 37, 616	237 194 38,000	215, 782 43, 760	176, 668 40, 301	301, 272 51, 817	397, 190 57, 000	392, 750 62, 183	369, 423 56, 000	357, 490 63, 695	262, 912 59, 222
Bales: General Motors Corporation:						·		,				,	,
To consumers number To dealers, total ¶ number	85, 201 19, 288	66, 547 39, 152	68, 566 127, 054	136, 859 182, 754	122, 198 185, 698	102, 034 158, 572	96, 134 144, 874	181, 782 196, 721	200, 117 229, 467	194, 628 222, 603	189, 756 217, 931	163, 459 204, 693	133, 804 121, 943
U. S. dealersnumber	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 wholesalersJan. 1925=100 Replacement partsJan. 1925=100	98 153	129 135	150 141	147 139	160 107	170 114	160 116	120 109	130 125	110 130	112 151	88 148	75 147
Service equipmentJan. 1925=100_	105	91	98	80	73	85	84	97	104	113	115	109	106
RAILWAY EQUIPMENT													
Equipment condition: Freight cars owned:	1												
Capacity mills of lb Number, total thousands	171, 700 1, 763	178, 70 3 1, 851	178, 125 1, 842	176, 727 1, 827	175, 772 1, 817	173, 507 1, 791	172, 939 1, 784	172, 620	172, 460 1, 778	172, 341 1, 776	172, 152 1, 772	172, 033 1, 769	a 171, 934 1, 767
Bad order, totalnumber	241,573	284, 427	273, 125	269, 984	266, 876	256, 511	254, 598	1,780 249,246	253, 125	260, 013	254, 447	258, 198	256, 903
Percent of total in bad order Locomotives, railway:	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
Owned: Tractive powermills. of lb	2, 179	2, 215	2, 212	2, 211	2, 206	2, 199	2, 197	2, 194	2, 193	2, 189	2, 186	2, 185	2, 182
Number A waiting classified repairs number	44, 455	45,686 10,335	45,610 10,187	45.565 10,127	45, 375 9, 914	45, 179 9, 825	45, 088 9, 556	45, 009 9, 642	44, 966 9, 610	44, 835 9, 389	44, 742 9, 119	44, 682 8, 906	44, 564 8, 736
Percent of totalnumber_	18.8	22. 6 86	22.3	22, 2	21. 8 54	21.8	21. 2	21.4	21. 4	21.0	20.4	19.9	19.6
Retirednumber_	215	221	119	108	241	81 284	138	53 132	103	65 196	91 184	60 124	53 171
Passenger cars: On railroads (end of quarter)_number_		41, 405			40, 509			40, 199			39, 915		
Equipment manufacturing: Freight cars:	i								l	1			
Orders, new cars. Orders, unfilled, total cars.	3, 100 18, 434	110 7, 440	810 6, 432	25 4, 489	10, 030 12, 715	1,050 11,315	7, 236 12, 629	627 13, 478	3,650 15,683	9, 677 22, 964	4, 320 25, 311	4, 469 24, 373	3, 225 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. Shipments, total cars.	6, 647 4, 964	1, 665 29	1, 981 1, 281	1, 691 1, 755	7, 491 1, 912	6, 871 746	8, 577 430	8, 007 189	8, 648 2, 168	8, 318 2, 514	9, 404 2, 172	9, 281 1, 930	7,606 3,854
Domestic cars Locomotives, industrial electric (quar-	4, 963	27	1, 281	1, 754	1,912	746	430	186	2,066	2, 299	2, 056	1,924	3, 804
terly); Shipments, totalnumber_	79	51	 		72			58			a 104		
Mining usenumber_ Locomotives, railway:	79	50			63			58			a 103		
Orders, newnumber_	24	7	0	0	2	14	46	13	15	10	24	9	3
Orders, unfilled, end of month: Equipment manufacturers (Census),													
total number Domestic, total number	123 107	38 36	37 34	37 34	26 24	37 36	84 78	95 90	101 95	106 100	119 116	125 117	117 107
Electricnumber_ Steamnumber_	44 63	24 12	24 10	23 11	23 1	33	33 45	33 57	33 62	33 67	40 76	42 75	41 66
Railroad shops (A. A. R.)number_ Shipments:	6	3	2	5	5	5	7	12	12	9	8	8	8
Domestic, totalnumber.	14	3 2	2 0	1	11	0	1	0	4	5	11	12	18
Electricnumber_ Steamnumber_	3 11	1	2	0	10	0	0	0	3	0 5	9	3 9	16
Exports, total†numbernumber	0	9 5	14	12 8	8	0	1 0	4 0	1 0	3 0	6 0	8 0	3 2
Steamnumber_ Passenger cars:	2	4	4	4	2	0	1	4	1	3	6	8	1
Orders, new, placed by railroads	. 0	0	2	0	0	0	37	0	50	0	20	34	0
Orders, unfilled (end of quarter)		9	-	"	26		"	65				34	"
Shipments, total number Domestic number.	1	Ó	0	0	0	0	0	4	5 5	5 5	139 12 12	0	2 2
ELECTRIC TRUCKS AND TRACTORS											12		
Shipments, industrial, totalnumber	112	80	117	115	100	84	75	89	112	91	88	113	125
Domesticnumber_ Exportsnumber_	101	72	114	103	74	78	71	86	99	86	84	110	115
• Revised.	11	• •	, 3	1 12	, 20	, 0	1 4	3	1 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, sogether with explanatory footnotes and refer-	1936		19	935					19	936			
ences to the sources of the data, may be found n the 1932 Annual Supplement to the Survey	Septem- ber	Septem- ber	October	Novem- ber	Decem- ber	Januar y	Febru- ary	March	A pril	May	June	July	August
,	ΓRAN	SPOR	TATI	ON E	QUIP	MENT	-Coi	itinue	d				-
SHIPBUILDING				i	1					:			
United States: Merchant vessels: Under construction thous of gross tons Completed during month,		76	77	82	119	119	133	137	154	154	154	213	221
total gross tons		15, 860 8, 464	9, 266 1, 707	4, 617 2, 660	36, 651 8, 017	17, 576 10, 242	18, 429 17, 297	20, 898 13, 386	21, 321 8, 024	24, 442 15, 442	22, 040 12, 885	15, 949 11, 407	14, 118 3, 992
Numberships_ Tonnagethous. of gross tons_ Under construction:		119 263			124 359			148 394			230 467		1
Numbershipsthous, of gross tons		268 1, 198			393 1, 543			537 1, 820			588 1, 951		
		C.	ANAD	IAN	STAT	STIC	s•	<u> </u>		•			
Business indexes:* Physical volume of business1926=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, total1926=100 Construction †¶1926=100	117. 6 55. 4	102. 5 49 3	109. 5 50. 7	113. 5 37. 0	108. 8 23. 6	107. 0 95. 3	104. 9 52. 6	104. 1 52. 0	109. 2 26. 8	110. 6 32. 7	111.6 44.7	111.1	115. 2 115. 2 45. 8
Electric power⊗	208. 4 115. 4	^a 195, 9 100, 0	a 202. 6 105. 4	^a 201. 8 118. 5	200. 9 112. 5	4 199. 0 96. 1	^a 193. 9 96. 2	4 207. 8 98. 7	4 220, 3 105, 0	^a 207. 7 110. 3	^a 213, 1 111, 5	213. 2 108. 9	209. 8 113. 0
Forestry 1926 = 100	128. 5 167. 8	103. 7 144. 7	114. 5 169. 6	114. 8 146. 3	118. 9 160. 8	106. 7 144. 4	111.3 186.2	114. 4 158. 2	124. 0 187. 2	119. 0 170. 9	122. 9 152. 5	123. 1 147. 2	123, 9 174, 3
Distribution	108. 8 79. 3	100. 1 69. 6	100. 7 71. 0	100. 2 66. 8	99. 3 66. 5	100. 3 72. 1	104. 8 78. 4	101, 3 75, 4	107. 7 82. 8	107. 1 74. 1	106. 6 76. 2	107. 1 78. 0	107. 6 81. 2
Exports (volume) \$\frac{1926 = 100}{1mports (volume) \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qqqqq \qqqqqqqqqqqqqqqqqqqqqqqqqqqqq	118.9 87.0	110.5 77.6	94.3 85.4	86. 5 93. 7	78. 0 70. 2	100. 3 76. 3	103 6 78. 9	92. 7 71. 4	123. 9 82. 7	113.8 91.7	104. 8 90. 9	111. 1 85. 2	122, 9 76, 7
Trade employment $1926=100$	129. 1	123. 6 114. 2	122.8	124.1	128. 8 34. 0	124.0	127.3	124. 2	125. 1	128. 5	127.8	128.0	127. 2
Agricultural marketing 1926=100 Grain marketings 1926=100	162. 6 175. 8	119.5	86. 6 86. 1	43. 3 36. 4	27. 4	39. 8 29. 5	62. 7 53. 9	89. 5 88. 3	115. 8 116. 8	110. 0 110. 6	73. 9 70. 3	103. 9 105. 2	216. 9 246. 1
Livestock marketings1926=100 Commodity prices:	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
Cost of living index σ	81.9 76.4	79. 6 • 72. 4	4 80. 3 73. 1	80. 6 72. 7	4 80. 5 72. 6	* 80. 5 72. 9	a 80. 3 72. 5	a 80. 4 72. 4	^a 79. 7 72. 2	^a 80. 0 71. 8	4 80, 1 72, 3	* 80. 4 74. 4	* 81. 0 76. 2
Employment, total (first of month). 1926 = 100 Construction and maintenance. 1926 = 100	107. 1 109. 0	102. 7 110. 9	106. 1 117. 4	107. 7 119. 9	104. 6 95. 9	99. 1 74. 8	98. 4 74. 4	98. 9 78. 2	97. 4 71. 8	99. 5 79. 4	102. 0 87. 0	104.6	105. 6 102. 9
Manufacturing	105. 9	100.8	103.3	103. 5	101. 4	96. 8	98. 5	99. 5	101.1	102.7	103.4	97.4 104.7	104.9
Mining 1926 = 100 - Service 1926 = 100 - 192	140. 2 137. 5	128.6 127.8	129. 5 120. 5	132. 5 117. 1	131, 1 116, 3	129. 9 118. 0	129. 4 116. 4	129. 1 117. 5	128. 2 118. 5	127. 4 120. 4	132. 1 123. 0	134. 1 131. 7	137. 9 135. 8
Trade	126.3	121. 8 85. 8	123. 8 86. 4	124. 6 84. 5	131. 0 84. 0	135. 9 77. 9	121. 6 78. 2	123. 1 78. 9	121. 0 73. 5	123. 3 82. 8	127. 1 85. 4	127, 3 87, 1	126. 3 88. 7
Finance:	00.4	33. 0	00. 1	91.0	04.0	11.5	13.2	10. 9	73. 3	02.0	03.4	01.1	00.4
Bank debitsmills. 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 Commercial failures number		88. 3 98	85. 4 115	80. 8 107	82. 7 112	85. 5 104	80. 6 131	77. 3 103	78. 5 100	76. 6 91	73.3	72.0	71. 2
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 yieldspercent Common stock prices, total 1926=100	3. 35	4, 23 93, 6	4. 09 96. 1	3.87 105.8	3. 96 107. 4	4. 10 112. 9	3.86 120.7	3. 70 117. 4	3.76	. 3. 67	3. 51	3. 45	3.41
Foreign trade:	119.5			ļ					115.9	112.8	113.8	114.3	114.7
Exports thous. of dol. Imports thous. of dol.	89, 582 52, 983	78, 846 44, 689	91, 323 52, 7 51	95, 685 55, 958	79, 245 38, 569	6 4, 744 40, 590	62, 798 41, 597	74, 582 52, 681	57, 964 42, 217	84, 515 59, 121	79, 942 57, 598	84, 968 53, 821	93, 530 50, 258
Exports, volume: Wheat thous. of bu- Wheat flour thous. of bbl-	20, 720	17, 273 396	28, 919 501	26, 575 525	17, 044 444	7, 557 314	14, 241 340	13, 146 477	6, 752 281	27, 317 449	25, 764 430	25, 913 415	21, 157 388
Railway statistics: Carloadingsthous. of cars		221	251	214	174	173	180	192	193	190	201	203	222
Financial results: Operating revenuesthous, 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 expensesthous. of dol Operating incomethous. of dol		23, 436 5, 380	23, 598 7, 730	20,854 5,290	21, 333 4, 289	21, 440 4 205	21, 187 339	22, 465 1, 914	22, 320 2, 586	23,789 1,953	24, 049 832	25,335	
Operating results: Freight carried ! mile mills of tons	ļ	2, 712	2, 937	2, 240	1, 934	1, 763	1,814	2, 056	2,081	1,990	1, 775		
Passengers carried 1 mile_mills of pass		137	108	101	140	117	117	126	125	128	148	195	,
Commodity statistics: Production:							'						į.
Electrical energy, central stations mills. of kwhr	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 ironthous. of long tons Steel ingots and castings	52	54	46	65	71	61	56	54	54	59	56	35	39
thous. of long tons Wheat flourthous. of bbl	86	91 1,535	95 1,825	94 1,604	99 957	100 982	93 1,019	101 1 172	107	95 1, 196	82 1 149	69	80
W Heat Hourthous. of Doi		1,030	1, 623	1,004	937	982	1,019	1, 172	1,009	1, 190	1, 149	1,301	1,363

^{*} Revised.

* Statistics in this section, with few exceptions, are from the Dominion Bureau of Statistics, Ottawe.

† 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.

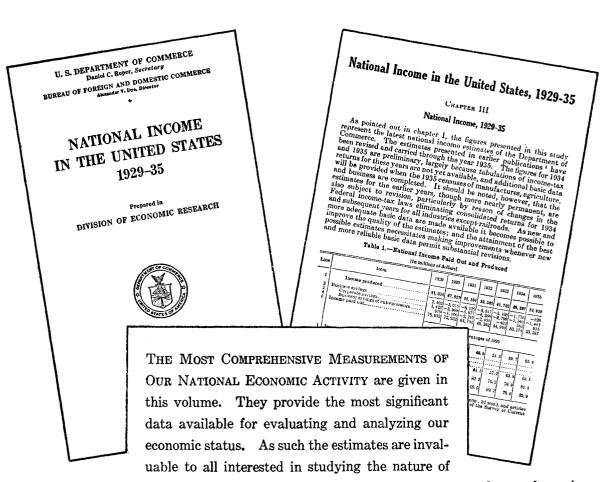
Data for 1935 revised. For revisions see p. 60 of the May 1936 issue.

† 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 showu above will appear in a subsequent issue.

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the depression and its incidence upon the different types of income payments and upon the various industrial segments. . . . Official estimates covering a 7-year period are included in this report. Income paid out is classified by types of payment and both income produced and income paid out are shown for approximately 40 industries. The first two chapters are devoted entirely to a discussion of the concepts, scope, methods, and limitations of the figures. The Appendix includes a detailed account of the sources of data and methods of preparing each estimate. . . Preliminary and summary estimates for recent years have appeared in articles published in the Survey of Current Business, a monthly publication of the Department of Commerce. Estimates for 1936 and later years, pending the preparation of another volume, will appear in subsequent issues of the Survey of Current Business.

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