OCTOBER 1933

SURVEY of CURRENT BUSIN



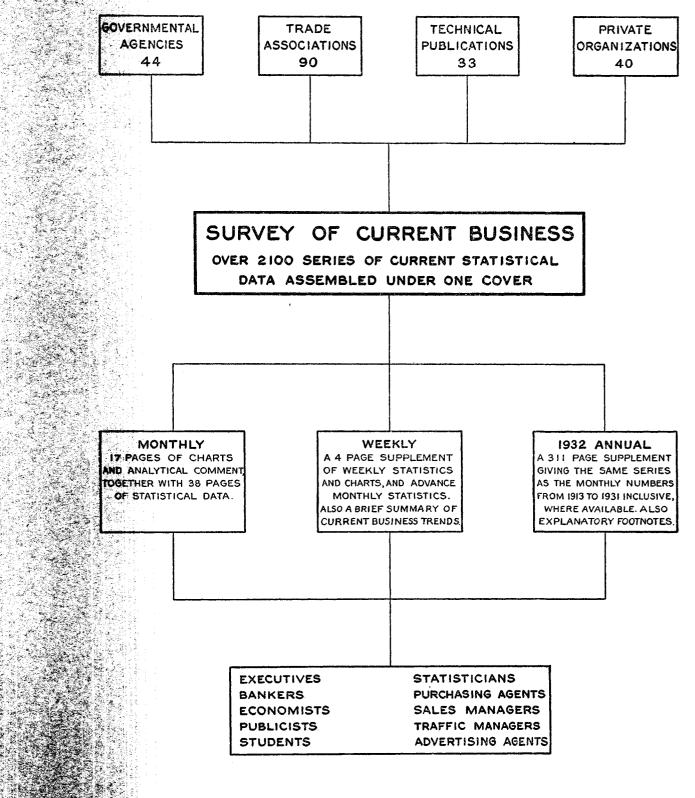
UNITED STATES DEPARTMENT OF COMMERCE BUREAU OF FOREIGN AND DOMESTIC COMMERCE WASHINGTON

VOLUME 13

NUMBER 10

CLEARING HOUSE OF BUSINESS STATISTICS

Major facts gathered from many sources and presented regularly in the Survey of Current Business afford a comprehensive digest of business movements, an essential background for evaluating current trends and formulating business policies. Over 200 organizations contribute the basic statistics presented regularly in this publication.



OCTOBER 1933

WEEKLY DATA THROUGH SEPTEMBER 23, 1933 MONTHLY DATA THROUGH AUGUST

SURVEY OF CURRENT BUSINESS

PUBLISHED BY

UNITED STATES DEPARTMENT OF COMMERCE BUREAU OF FOREIGN AND DOMESTIC COMMERCE WASHINGTON



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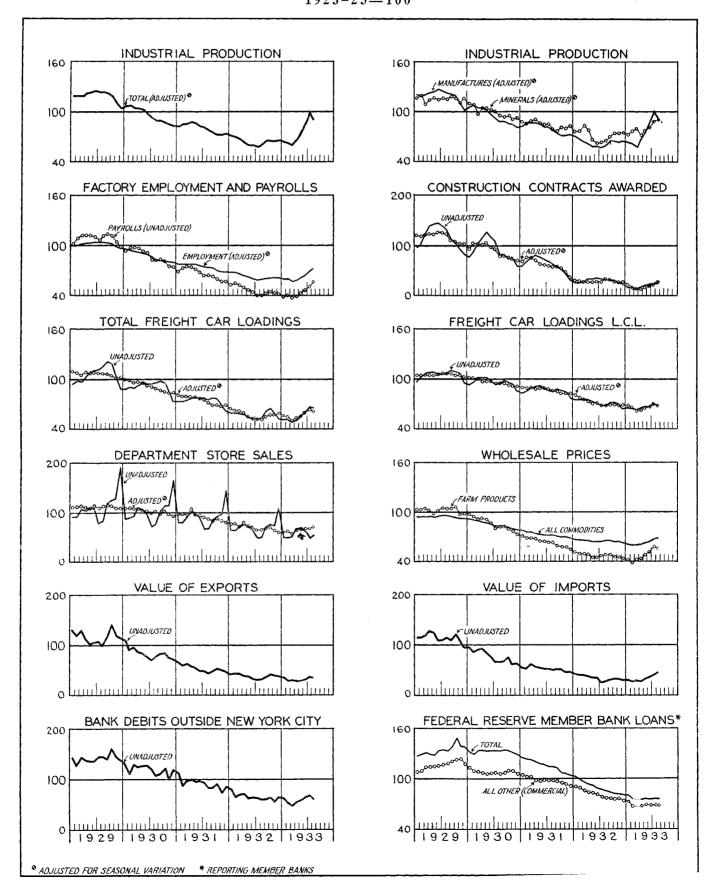
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Business Indicators



Business Situation Summarized

PRODUCTIVE activity, although tending downward during August and the first 3 weeks of September, has continued relatively high. August industrial production was more than 50 percent greater than a year ago. Distribution of goods by the railroads declined slightly in August, but retail sales increased by more than the usual seasonal amount, partly as a result of price increases.

Industrial production which increased in July to equal the 1923-25 average, fell off 8 percent in August. The recession was due to the drop in manufacturing as mineral extraction increased. All major manufacturing industries for which data are currently available reported declines, with the exception of the lumber industry, where production was unchanged, and the tobacco industry, which showed a gain of 5 percent. Increases in output in the coal industry were below seasonal expectations. All the major industries were operating at a substantially higher rate than a year ago.

Retail trade increased by more than the normal seasonal amount in August, the adjusted index of department-store sales advancing 10 percent. Sales through chain stores also showed improvement. With the increase in sales and declining production, the wide disparity between production and consumption has been reduced to some extent. Purchasing power continued to expand in August. The Department of Labor estimated the number returned to work during the month at 750,000, and there was a further substantial increase in pay rolls. These gains were made notwithstanding the falling off in production, and reflect the efforts of the National Recovery Administration to increase employment and purchasing power by means of the individual and blanket codes.

Freight-car loadings declined last month, contrary to the usual seasonal trend, and the adjusted index dropped 6 percent. During the first half of September loadings failed to record the usual seasonal rise. Foreign trade returns for August show a further gain in imports and a drop of 12 percent in exports.

Construction contracts awarded in August increased, due mainly to awards under the public works program. Private construction work remains extremely slow, and total awards were 21 percent less than in 1932.

Prices continued to advance through the first 3 weeks of September, but the recent movement has been of a more selective character. Retail prices cose rapidly in August, accompanied by a rise in the cost of living. Wholesale prices averaged higher, although the gain since the last week in July has not been pronounced. Farm prices have declined since July.

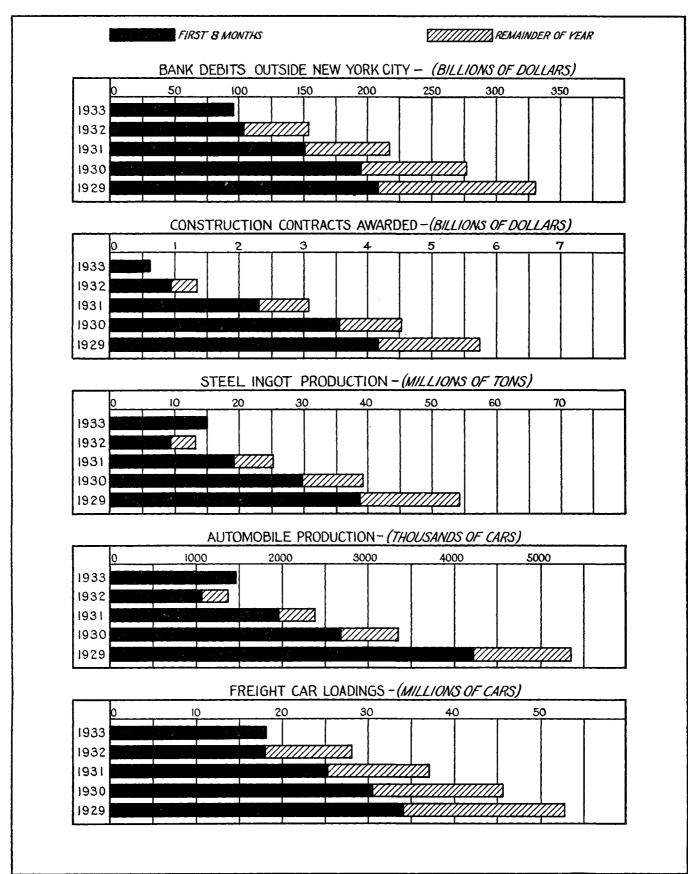
Further steps to expand credit have been taken including an increase in the open-market operations of the reserve banks which has resulted in an unprecedented growth of excess reserves, but the actual increase in credit accommodations by the member banks has been slight. The flow of funds through the capital market has not been resumed, and new issues continue at insignificant totals. The dollar has recently fallen to a discount of approximately 35 percent.

		Ind	ustrial	produ	ction		ployi	ry em- ment ay rolls		ight-ca	r loadi	ngs	Depar store val	sales.	Fore trade, adju:	value,	e New	cts, all ted ¹	ex, 784
	Un	adjust	ted 1	A	djusted	1 2	ploy- 1 2	rolls,	То	tal	Mere dise,						outside City	contracts, , adjusted ¹	e ind dities
Year and month	Total	Manufactures	Minerals	Total	Manufactures	Minerals	Number of employ- ees, adjusted ²	Amount of payrolls, unadjusted	Unadjusted ¹	Adjusted ²	Unadjusted ¹	Adjusted ²	Unadjusted ¹	Adjusted ²	Exports	Imports	Bank debits o York (Construction c types, value, a	Wholesale price index, commodifies
								Month	ly avera	nge, 1923	3-25=100)							Monthly average, 1926=100
1930: August 1931: August 1932:	90 78	88 77	$\begin{array}{c}101\\82\end{array}$	90 89	89 78	96 79	84.4 74.1	81, 7 64, 3	96 76	105 81	95 86	95 86	77 68	102 89	85 47	70 54	106.2 83.8	81 59	84.3 72.1
August September October November December	$59 \\ 68 \\ 68 \\ 65 \\ 60 \\ 60 \\ 100 $	58 66 63 58	66 73 80 78 72	60 66 65 65	59 65 65 64 64	65 70 74 75 76	$58.8 \\ 60.3 \\ 61.1 \\ 61.2 \\ 60.6$	$\begin{array}{r} 40.1\\ 42.1\\ 43.5\\ 41.8\\ 40.9\end{array}$	$53 \\ 61 \\ 65 \\ 58 \\ 52$	51 54 57 57 58	68 72 72 70 64	68 69 69 68 69	49 71 75 73 106	65 68 69 63 60	31 33 32 33 32	29 32 32 32 32 30	$59.6 \\ 59.6 \\ 62.6 \\ 55.4 \\ 65.0$	30 30 29 27 28	65. 2 65. 3 64. 4 63. 9 62. 6
January February March. April. June July. August. Monthly average, Jan- uary through Au-	I 60 I	63 58 68 80 93 97 90	71 76 74 65 76 82 89 95	65 63 60 67 78 92 100 92	64 61 56 66 78 93 101 92	73 79 81 72 78 84 90 92	59. 4 59. 4 56. 6 57. 7 60. 6 64. 8 70. 1 73. 3	39. 2 40. 0 36. 9 38. 6 42. 0 46. 2 49. 9 55. 7	51 51 48 51 56 60 66 65	56 54 50 53 56 60 65 61	65 64 63 65 68 67 70 69	69 66 62 63 66 67 70 69	49 49 50 68 67 64 49 59	60 60 57 67 67 68 70 77	31 29 28 29 32 36 43 38	29 26 25 32 40 48 50	61. 1 52. 7 48. 7 53. 8 58. 3 65. 7 70. 4 62. 7	22 19 14 14 16 18 21 23	61. 0 59. 8 60. 2 60. 4 62. 7 65. 0 68. 9 69. 5
gust: 1931 1932 1933	85 64 77	85 63 76	84 69 79				76. 9 63. 2 62. 7	69.8 46.9 43.6	76 55 56		88 73 66		85 63 57		58 37 33	56 35 35	96. 7 67. 5 59. 2	69 28 18	74. 4 65. 4 63. 5

MONTHLY BUSINESS INDEXES

1 A diusted for number of working days.

² Adjusted for seasonal variation.



Commodity Prices

E XCEPT in the case of retail prices which recorded a rapid upward swing, the forward movement in commodity prices slackened during August and the first half of September. Fairchild's index of retail prices increased 8.4 percent between August 1 and September 1, the widest increase in prices for any one month in over a decade. The cost of living index, compiled by the National Industrial Conference Board, advanced 2.3 percent in August, and was 7.6 percent above the low of the year. From July 15 to August 29 there was a rise of only slightly more than 2 percent in food retail prices. Wholesale prices, after declining in the final week of July have increased very moderately since. Farm prices have declined since July.

Wholesale prices in August averaged nine tenths of 1 percent above July, compared with an increase of 6 percent in the preceding month. The weekly index has advanced only slightly since the third week of July when it touched 69.7 percent of the 1926 average. The combined index for the latest week reported at 70.5 percent was up 18 percent from the low of the year and 7.8 percent above a year ago. Considerable divergence developed in August between the movements of the various groups and economic classes. Raw materials dropped 1.9 percent, while semimanufactured articles increased 3.8 percent and finished products 1.7 percent. By groups, farm products declined 4.2 percent, due in large measure to the 12 percent decline in the grains, and foods dropped 1.1 percent. The widest increase was in the textile group which went up 9.7 percent, with cotton goods up 17 percent and knit goods 26 percent. Hides and leather products advanced 6.3 percent, including an 8.8 percent rise in boots and shoes. The other groups, excepting the chemical group which was fractionally lower, increased from three tenths of 1 percent to 3.7 percent.

The upward trend of farm prices was halted in August and the index dropped 5.3 percent to 72 percent of the prewar average which was, however, more than 40 percent above the year's low point. More recently the movement has been irregular with the September 15 index dropping to 70 percent of the prewar figure.

Fairchild's retail price index as of September 1 was 19 percent above the May 1 figure which was the lowest of the year. It was also 12 percent higher than a year ago. The increases in the group indexes over the low of the year were as follows: Piece goods, 23 percent; women's apparel, 19 percent; men's apparel, 14 percent; infant's wear, 12 percent, and home furnishings, 16 percent. Food retail prices increased in 46 of the 51 reporting cities from July 15 to August 15, but in the latter half of August increases were reported in only 28.

						Wł	nolesal	e (Dcp	artme	ntof	Labor))						strial	com- Agri-	Ret	ail
	s s	Econo	omicel	lasses						Gr	oups					_		l Indu rd)	20 Jo	of	articles
Year and month	Combined index, 784 com modity 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	Metals and metal products	Textile products	Miscellaneous	Cost of living(National Industrial Conference Board)	Farm, combined index, modities (Department culture)	Foods (Department Labor)	Department store art (Fairchild)
						<u>+</u>	Mor	athly a	verage	1926=1	00							Mo. average 1923= 100	Mo. average 1909 to 1914 = 100	Mo. average 1913= 100	Dec. 1930 (Jan. 1, 1931) = 100
1930: August 1931: August 1932:	84.3 72.1	86. 2 76. 4	81. 8 64. 1	78. 7 68. 3	84. 9 63. 5	80. 4 44. 8	87. 6 74. 6	93. 1 76. 0	83. 6 74. 2	87.7 77.6	87. 9 76. 9	77. 9 66. 5	99. 0 88. 7	92, 9 84, 9	89. 6 83. 9	78. 0 65. 5	76. 1 68. 3	94. 7 85. 9	108 75	144 120	88.9
August September October November December	$\begin{array}{c} 65.\ 2\\ 65.\ 3\\ 64.\ 4\\ 63.\ 9\\ 62.\ 6\end{array}$	70. 7 70. 4 69. 6 69. 3 68. 4	55.7 56.2 54.6 54.2 52.1	57.9 60.7 60.7 58.9 57.7	$\begin{array}{c} 49.1 \\ 49.1 \\ 46.9 \\ 46.7 \\ 44.1 \end{array}$	$\begin{array}{c} 38.\ 2\\ 37.\ 4\\ 34.\ 4\\ 33.\ 2\\ 31.\ 7\end{array}$	$\begin{array}{c} 61.8\\ 61.8\\ 60.5\\ 60.6\\ 58.3 \end{array}$	61. 9 60. 9 56. 4 53. 7 49. 4	70. 1 70. 4 70. 2 69. 8 69. 0	69.6 70.5 70.7 70.7 70.8	73.3 72.9 72.7 72.4 72.3	72.1 70.8 71.1 71.4 69.3	69.7 72.2 72.8 71.4 69.6	73.6 73.7 73.7 73.7 73.6	80. 1 80. 1 80. 3 79. 6 79. 4	52.7 55.6 55.0 53.9 53.0	$\begin{array}{c} 64.\ 6\\ 64.\ 7\\ 64.\ 1\\ 63.\ 7\\ 63.\ 4\end{array}$	76. 8 76. 6 76. 1 75. 6 75. 1	59 59 56 54 52	101 100 100 99 99	73.6 73.6 73.3 72.6 71.8
1933: January February April June July August Monthly average,	59.8 60.2	66. 7 65. 7 65. 7 65. 7 67. 2 69. 0 72. 2 73. 4	50. 2 48. 4 50. 0 53. 7 56. 2 61. 8 60. 6	56. 9 56. 3 56. 9 57. 3 61. 3 65. 3 69. 1 71. 7	42. 6 40. 9 42. 8 44. 5 50. 2 53. 2 60. 1 57. 6	32. 9 32. 7 36. 0 44. 8 52. 8 57. 4 73. 4 64, 6	55. 8 53. 7 54. 6 56. 1 59. 4 61. 2 65. 5 64. 8	49. 5 50. 2 50. 5 50. 3 52. 3 52. 4 50. 8 51. 0	67. 3 66. 0 65. 8 65. 3 66. 5 68. 9 72. 2 74. 1	70. 1 69. 8 70. 3 70. 2 71. 4 74. 7 79. 5 81. 3	71. 6 71. 3 71. 2 71. 4 73. 2 73. 7 73. 2 73. 1	66. 0 63. 6 62. 9 61. 5 60. 4 61. 5 65. 3 65. 3 65. 5	68. 9 68. 0 68. 1 69. 4 76. 9 82. 4 86. 3 91. 7	72.9 72.3 72.2 71.5 71.7 73.4 74.8 77.6	78. 2 77. 4 77. 2 76. 9 77. 7 79. 3 80. 6 81. 2	51. 9 51. 2 51. 3 51. 8 55. 9 61. 5 68. 0 74. 6	61. 2 59. 2 58. 9 57. 8 58. 9 60. 8 64. 0 65. 4	73. 7 72. 1 71. 8 71. 5 72. 1 72. 8 75. 2 76. 9	51 49 50 53 62 64 76 72	95 91 90 94 97 105 107	71. 1 69. 9 69. 7 69. 4 70. 4 72. 3 76. 1 82. 5
January through August: 1931. 1932. 1933 .	74. 4 65. 4 63. 4	78. 1 71. 0 68. 2	67. 6 55. 5 53. 8	71. 0 59. 3 61. 9	68. 1 49. 0 49. 0	56. 4 42. 0 49. 3	76. 0 61. 4 58, 9	78. 6 59. 9 50. 9	76. 0 70. 6 68. 3	80. 7 71. 9 73. 4	81. 0 74. 2 72. 3	67. 1 70. 1 63. 3	88. 1 73. 9 76. 5	87. 0 75. 7 73. 3	85.4 80.4 78.6	68.3 55.6 58.3	70. 7 64. 7 60. 8	87. 8 78. 6 73. 3	86 58 60	124 103 96	93. 6 77. 3 72. 7

INDEXES OF COMMODITY PRICES

Domestic Trade

WHOLESALE and retail trade increased in both volume and value during August. The forward movement, normal at this season of the year, was stimulated by anticipation of a rising price level and by substantial gains in employment and pay rolls. Complete data for August on industrial production and retail sales confirmed the earlier indications that the gap between them was at last being narrowed. The drive to increase consumer purchases, which was inaugurated during September by the N.R.A., is expected to have a marked influence on domestic trade. It was noted in mid-September, however, that consumers were experiencing some difficulty in becoming accustomed to the price changes which have occurred since the low point in the spring. Scattered reports indicate the brisk trade in retail lines in the first week of September was followed by a setback near the middle of the month.

Department store sales picked up sharply in August and were considerably above the corresponding month of 1932. The Federal Reserve Board's index, adjusted for seasonal variations, advanced from 70 to 77 percent of the 1923 to 1925 average. This gain of 10 percent brought the index to the highest point reached since April 1932. However, part of this gain in the value of sales is attributable to the increase of about 8 percent in retail prices in August. Compared with August of 1932, dollar sales were 20 percent greater but were 13 percent below the level of 1931. Department store stocks were enlarged during August and the adjusted value index which has moved up continuously since April was 6.7 percent greater than in July. Variety chain-store sales advanced sharply and the index was 12 percent above a year ago.

Following the usual seasonal tendency sales of mailorder houses, including sales through their retail stores, advanced in August. The gain of 20 percent in the total value brought that figure to 19 percent above a year ago and to a point only 6 percent below August 1931. Considering the decline in prices from 1932 to 1933 mail-order sales for the year to date compare favorably with the total for the same months of last year.

Freight-car shipments in less than carload lots were slightly smaller than in July but slightly above those in August of 1932. Weekly figures for September indicate, however, that l.c.l. shipments are again increasing. In the week ending September 16, l.c.l. loadings were 172,371 cars, nearly 3 percent less than a year ago.

Commercial failures which have declined each month since the first of the year were slightly more numerous in August. The amount of liabilities involved increased 56 percent but the average for the first 8 months of the year was 57 percent below the corresponding period of 1932.

Newspaper advertising increased about 10 percent while magazine advertising fell off 7 percent. Linage in both instances was higher than in August 1932. The magazine linage series has been revised and data for the entire period covered may be found on page 20.

		-		Re	tail Trade				Whol tra		Freigt Ioading chandi	s, mer-	Comn failt		Adver lin:	tising age
	1	Departm	ent sto	res	Chain	-store s	ales	Mail			1					
Year and month	Sa	les	Stoc	eks ³	Com- bined	Variety	stores	order and	Em- ploy-	Pay	Unad- just-	Ad- just-		Liabil-	Maga-	News-
	Unad- just- ed 1	Ad- just- ed ²	Unad- just- ed	Ad- just- ed ²	index (19 com- panies)	Unad- just- ed	Ad- just- ed	store sales, 2 houses	ment	rolls	ed	ed 2	ures	ities	zine	paper
	Month	ly averaş	ge, 1923–2	5=100	Avg. same mo. 1929- 31=100	Month age 192 1		Thou- sands of dolls.	Monthl age 192	y aver- 9==100	Month age 192 10	3-25 =	Num- ber	Thou- sands of dolls.	Thou- sands of lines	Mil- lions of lines
1930: August 1931: August 1932:	77 68	102 89	87 77	91 80		147 143	164 160	50, 682 43, 004	95.0 86.5	93. 6 82. 1	95 86	95 86	1, 913 1, 944	49, 181 53, 025	2, 057 1, 713	70 66
August September October November December	49 71 75 73 106	65 68 69 63 60	59 63 67 69 56	61 60 61 61 60	80 83 82 80 79	$118 \\ 123 \\ 142 \\ 130 \\ 226$	$127 \\ 135 \\ 133 \\ 129 \\ 117$	33, 777 39, 156 45, 423 41, 281 51, 556	76.4 77.1 77.8 77.6 77.0	$\begin{array}{c} 63.\ 2\\ 63.\ 1\\ 63.\ 9\\ 63.\ 3\\ 62.\ 6\end{array}$	68 72 72 70 64	68 69 69 68 69	2, 796 2, 182 2, 273 2, 073 2, 469	77, 031 56, 128 52, 870 53, 621 64, 189	$\begin{array}{c} 1,173\\ 1,310\\ 1,607\\ 1,754\\ 1,641 \end{array}$	49 62 71 64 61
January February March	1 50	60 60 57 67 67 68 70 77	52 54 55 55 56 56 56 62	58 57 54 53 55 57 60 64	80 76 75 78 78 82 86 84	100 103 110 129 126 125 123 129	135 138 121 140 130 137 142 139	26, 958 26, 176 27, 554 35, 365 37, 778 38, 986 33, 566 40, 327	75. 3 74. 1 73. 1 73. 3 74. 0 75. 7 76. 9 79. 7	61. 7 58. 6 57. 1 56. 0 57. 4 57. 3 59. 1 60. 8	65 64 63 65 68 67 70 69	69 66 63 63 66 67 70 69	2,919 2,378 1,948 1,921 1,909 1,648 1,421 1,472	79, 101 65, 576 48, 500 51, 098 47, 972 35, 345 27, 481 42, 776	1, 116 1, 490 1, 630 1, 729 1, 732 1, 544 1, 272 1, 184	52 47 50 60 62 61 49 54
uary through: 1931. 1932. 1933 .	85 63 57		81 67 56		86 80	143 126 118	 	45, 452 35, 340 33, 339	87.5 78.7 75.3	85.6 68.8 58.5	88 73 66		2, 379 2, 853 1, 952	60, 565 87, 688 49, 731	2, 468 1, 856 1, 462	79 64 54

DOMESTIC TRADE STATISTICS

¹ Corrected to average daily sales.

² Adjusted for seasonal variation.

⁸ End of month figures.

Employment

EMPLOYMENT and pay rolls continued their upward trend in August despite declining productive activity during the month. This marked the fifth consecutive month of improvement in these indexes. According to the Federal Reserve Board statistics, factory employment rose 6.5 percent and factory pay rolls 11.6 percent for the period. It was estimated that 750,000 returned to work during the month.

The employment gains between July and August were more widespread than in any of the preceding months with increases appearing in 81 of the 89 manufacturing industries surveyed by the Bureau of Labor Statistics. Higher pay rolls were reported for 83 of these same 89 industries. Thirty-two industries reported employment gains of 10 percent or over while 6 industries showed increases of more than 20 percent for the month. In spite of the uninterrupted employment and pay-roll advances for the past 5 months, the August indexes revealed that in only 14 of 89 industries was employment higher than in 1926 and in only 4 industries were August pay rolls higher than the 1926 average. On the other hand, employment in 30 industries and pay rolls in 69 industries were less than two thirds of the 1926 level.

All of the 14 major groups of manufacturing activity showed increased employment for the month with the highest proportionate rise, 11 percent, being reported in the iron and steel group. The nonferrous metals and machinery groups also revealed employment increases of 10 percent or over. With the single exception of the tobacco industry, where the decline was slight, both employment and pay rolls were higher in all groups during August than in the same month of the preceding year.

Among the nonmanufacturing groups, employment gains from July to August were recorded for 15 of the 16 industries-a decrease of 0.6 percent occurring in the telephone and telegraph industry. The usual seasonal activity in canning and preserving accounted for a 47 percent employment increase and a 48 percent pay-roll advance in that industry. The bituminous and anthracite coal-mining industries reported employment gains of 8.6 percent and 8.8 percent, respectively, along with increases in hourly earnings and in average hours worked per week. In August, employment in bituminous coal mining was 15 percent and pay rolls 64 percent higher than in the same month a year ago. Better retail trade activity in August resulted in a 4.7 percent increase in employment and a 7.9 percent rise in pay rolls in this field.

The American Federation of Labor reports a slight improvement in employment of trade-union members in September.

Under the stimulus of the N.R.A. codes of fair competition, average hourly earnings moved upward from July to August after remaining around the depression low for the preceding 3 months. The most pronounced wage increases occurred in the cotton-goods industry, which was the first group to adopt a code. Average hours worked per week dropped from 42.6 to 38.8 in manufacturing industries during the month.

STATISTICS OF EMPLOYMENT, PAY ROLLS, AND WAGES

		y emplo sy rolls,			1	Nonmar	nufactu	ring em	ployme	nt and 1	oay rolls					Wages	5
	Emplo	yment	Pay rolls	Anthi min		Bitum coal m		Power, and	light, vater	Telep and tel	hone egraph	Retail	trade	Trade- union mem-	Fact	ory ²	
Year and month	Unad- justed	Ad- justed ¹	Unad- justed	Em- ploy- ment	Pay rolls	Em- ploy- ment	Pay rolls	Em- ploy- ment	Pay rolls	Em- pioy- ment	Pay rolls	Em- ploy- ment	Pay rolls	bers em- ployed	Aver- age weekly earn- ings	Aver- age hourly earn- ings	Com- mon labor
		nthly ave 923-25=10					Mo	nthly ave	erage, 192	29=100				Percent of total members	Do	llars	Cents per hour
1930: August 1931: August 1932:	85. 1 74. 2	84.4 74.1	81,7 64,3	80. 2 67. 3	78, 8 56, 4	89. 2 77. 0	71. 1 50. 6	106.4 95.9	106.6 96.2	98. 8 85. 9	$102.5 \\ 92.3$	85.6 81.8	87.6 80.3	78 74	25. 27 22, 49	0. 593 , 568	39 36
August September October November December	58.661.562.060.959.6	58.860.361.161.260.6	40. 1 42. 1 43. 5 41. 8 40. 9	49. 2 55. 8 63. 9 62. 7 62. 3	41, 4 47, 0 66, 7 51, 0 56, 2	59. 462. 467. 069. 470. 0	26.4 30.2 37.8 38.0 37.7	81.581.079.979.178.4	76.774.774.473.273.2	78.177.476.275.574.8	$79.\ 1\\75.\ 9\\75.\ 7\\74.\ 3\\73.\ 5$	72. 6 77. 8 81. 3 81. 7 95. 2	$\begin{array}{c} 60.\ 7\\ 64.\ 6\\ 67.\ 1\\ 66.\ 9\\ 73.\ 6\end{array}$		$15.35 \\ 16.23 \\ 16.86 \\ 16.84 \\ 16.37$.487 .479 .474 .468 .467	32 32 32 32 32 32
1933: January February April May Juley July August January through	58, 1 59, 2 56, 7 57, 8 60, 0 64, 1 68, 9 73, 4	59. 4 59. 4 56. 6 57. 7 60. 6 64. 8 70. 1 73. 3	39. 2 40. 0 36. 9 38. 6 42. 0 46. 2 49. 9 55. 7	52. 5 58. 7 54. 6 51. 6 43. 2 39. 5 43. 8 47. 7	43, 2 56, 8 48, 8 37, 4 30, 0 34, 3 38, 2 46, 6	69. 8 69. 3 67. 6 63. 7 61. 2 61. 3 63. 2 68. 6	36, 1 37, 2 30, 7 26, 6 26, 9 29, 2 33, 6 43, 3	77. 7 77. 4 76. 9 76. 9 76. 9 77. 3 77. 5 78. 1	73. 0 71. 6 71. 9 69. 4 69. 9 69. 9 70. 0 70. 0 70. 9	74. 6 73. 9 73. 2 72. 3 70. 1 69. 2 68. 5 68. 1	71. 7 71. 9 71. 6 67. 8 68. 5 66. 6 66. 7 66. 1	76. 9 73. 4 71. 4 78. 6 77. 0 78. 3 74. 6 78. 1	62. 7 58. 4 55. 1 60. 4 59. 5 60. 5 58. 1 62. 7	65 66 67 67 69 69 69	16. 21 16. 13 14. 56 15. 39 16. 71 18. 49 19. 15 19. 25	. 468 . 464 . 460 . 453 . 453 . 452 . 455 . 497	32 32 33 33 33 34 35
August: 1931. 1932. 1933	76, 2 62, 5 62, 3		69. 8 46. 9 43. 6	79. 5 63. 1 49. 0	73, 8 52, 9 41, 9	84. 3 67. 5 65. 6	59. 2 35. 4 33. 9	97. 3 84. 7 77. 3	98.6 82.8 70. 8	87. 9 80. 7 71, 2	94, 8 84, 2 68, 9	87.5 79.4 76.0	86, 4 70, 1 59, 7	74 68 67	23. 41 17. 36 16. 99	. 571 . 510 . 464	36 33 33

¹ Adjusted for seasonal variation.

² National Industrial Conference Board.

Finance-Credit and Banking

NEW credit expansion program, of which one of A the principal features was an increase in the weekly rate of open-market purchases of United States Government securities by the Federal Reserve banks constituted a significant factor in the general credit situation during August and September. Beginning the third week of the former month these purchases were raised to approximately \$35,000,000, as compared to a previous weekly rate of about \$10,000,000. The inauguration of this program happened to coincide with public statements by the National Recovery Administration to the effect that the recovery program was jeopardized by "the difficulty of some industrial concerns in obtaining adequate credit from banks." Supplementing this program-or constituting a part of it-the Reconstruction Finance Corporation announced early in September that it was prepared to make available as much as \$1,000,000,000 for loans of not more than 6 months' maturity. to be made to banks at 3 percent and reloaned by them at not more than 5 percent. The latter step had been preceded by requests that banks take advantage of the provisions in the Emergency Banking Act of March 9, 1933, whereunder they could sell 6-percent preferred stock to the Corporation as a means of providing themselves with loanable funds.

One of the apparent results thus far of the new openmarket program of the Federal Reserve banks has been a marked increase in member-bank reserve funds. During August the member-bank reserve account increased \$115,000,000, and since that time the high rate of growth has continued. As a result, excess reserves have reached the unprecedented total of approximately \$700,000,000. There has been, however, at least one other factor which contributed to the steadily mounting total, namely, the decline in member-bank deposits, which automatically reduced the legal-reserve requirements.

The expansion of open-market Government security holdings by the Federal Reserve banks was distinctly the major factor in recent changes in outstanding Federal Reserve credit. Member-bank borrowing declined \$14,000,000 during August and approximately \$20,-000,000 during the first half of September.

Indicative of the slackened pace of business activity during August, bank debits outside New York City showed a decline, the first reversal in the upward trend which set in last March. Similarly, debits in New York City, which reflect to a marked degree the activity in the speculative markets, also showed a substantial drop. Money in circulation continued downward and was possibly indicative of a further return flow of money from hoards, in view of the fact that August figures usually reflect the beginning of a seasonal increase.

After declining in July for the first time during the depression, Postal Savings increased by a small amount in August. Deposits in New York State savings banks dropped and were about 4 percent less than a year ago.

New life insurance written in August exceeded the total for the corresponding month of the preceding year for the first time since October 1932.

	Bank	lebits	Reporti banks closes	, Wed	mber nesday ndof	Con	dition of	Federai mo	Reserve nth	banks, er	ad of	Totai bank-	Net gold im-		De-	Postal
			mont		ing of	Reserve	bank cre	dit outs	tanding		Mem-	er's ac- cept- ances	ports in- cluding	Money	posits, New	Savings, bal-
Year and month	New York City	Out- side New York City	Loans on securi- ties	All other loans	In- vest- ments	Total	Bills dis- count- ed	Bills bought in the open market	United States Govern- ment securi- ties	Total deposits	ber bank reserve ac- count	out- stand- ing, end of month	gold re- leased from	circu- lation	York State savings banks	ance to credit of de- positors
							Mill	ions of do	llars							Thou- sands of dollars
1930: August 1931: August 1932:	25, 052 17, 501	$20,941 \\ 16,526$	8, 357 6, 500	8, 473 7, 89 8	6, 338 7, 665	1,025 1,255	$215 \\ 255$	168 215	602 728	2, 423 2, 632	2, 378 2, 373	1, 339 1, 090		4, 476 4, 947	4, 591 5, 173	186, 519 422, 699
August September October November December	13, 458 14, 163 12, 944 9, 815 13, 967	$11,757 \\ 11,767 \\ 12,354 \\ 10,935 \\ 12,820$	$\begin{array}{c} 4,512\\ 4,521\\ 4,311\\ 4,288\\ 4,315\end{array}$	6, 284 6, 185 6, 130 6, 125 5, 982	7, 743 8, 201 8, 585 8, 589 8, 507	2, 331 2, 233 2, 227 2, 202 2, 145	433 332 328 309 235	34 33 34 35 33	1,852 1,854 1,851 1,851 1,855	2, 241 2, 312 2, 446 2, 484 2, 561	2, 146 2, 225 2, 383 2, 411 2, 509	681 683 699 720 710	106. 6 100. 2 66. 4 70. 3 171. 9	5, 720 5, 685 5, 643 5, 643 5, 699	$5, 243 \\ 5, 282 \\ 5, 271 \\ 5, 265 \\ 5, 314$	847, 421 858, 720 870, 823 884, 297 900, 796
January February March April June July August	12, 413 12, 036 12, 454 12, 012 13, 977 16, 743 17, 354 13, 076	12, 053 10, 401 9, 608 10, 612 11, 509 12, 969 13, 878 12, 375	4, 259 4, 234	5, 907 5, 393 / 5, 408 / 5, 486 / 5, 486 / 5, 487 / 5, 488 / 5, 488	8, 559 8, 196 7 8, 570 7 8, 632 7 8, 927 7 8, 708 7 8, 776	2, 077 2, 794 2, 572 2, 459 2, 218 2, 220 2, 209 2, 297	274 582 426 435 302 164 167 153	31 336 305 171 20 48 9 7	1, 763 1, 866 1, 838 1, 837 1, 890 1, 998 2, 028 2, 129	2, 554 2, 236 2, 133 2, 380 2, 394 2, 494 2, 544 2, 544 2, 675	2, 446 2, 141 1, 949 2, 132 2, 167 2, 292 2, 294 2, 409	707 704 671 697 669 687 738 694	$\begin{array}{c} 37.0 \\ -169.4 \\ -113.3 \\ 23.7 \\ 1.0 \\ .3 \\ .6 \\9 \end{array}$	5, 631 5, 892 6, 998 6, 137 5, 876 5, 742 5, 675 5, 616	5, 113 5, 130 5, 085	942, 519 1, 006, 185 1, 112, 715 1, 158, 416 1, 178, 788 1, 187, 183 1, 176, 795 1, 177, 626

CREDIT AND BANKING STATISTICS

¹ Net exports indicated by (-).

/ Estimated on basis of new report covering 90 cities; old report covered 101 cities.

Finance-Security and Money Markets

SECURITY markets during August and the first half of September were influenced by various unrelated, and at times contradictory, influences with the result that no clear trends were in evidence at any time. With a rather sharp drop in the dollar after the middle of September, stock prices moved forward again more or less in sympathy with exchange quotations. This sympathetic movement has, however, been less marked during September than during earlier months and after the middle of the month was at times not in evidence as stocks declined periodically in the face of sharp breaks in the gold value of the dollar.

Business indexes showed moderate declines during the period under review and, coupled with uncertain elements in the general credit situation and speculative appraisals of the future of the dollar, combined to subject security markets to confusion. The proposed 4-cent transfer tax by New York City added to the lack of enthusiasm after the middle of the month.

The vicissitudes of the bond market represented in the aggregate somewhat reactionary influences, although certain issues registered distinct gains. Among the latter particular note should be made of the foreign issues of certain gold-standard countries. French, Swiss, and Dutch East Indies bonds steadily tended upward owing to the continued observance of the gold clause in these issues. In general, high-grade domestic issues have held up well.

New capital issues continued on a very low level. Uncertainties in the general business situation and the monetary outlook are no doubt partly responsible. Possibly in some cases uncertainties arising from the new securities act are contributing factors, although this is difficult to evaluate owing to the fact that inactivity has featured the flotation of some issues which are exempt from the provisions of the act.

Another factor of interest in recent financial markets is the extraordinarily low level of money rates. The tremendous accumulation of excess reserves by member banks has led to a reduction in short-term rates which in come cases—for example, in renewal call rates—represents a new record. Dealers in brokers' bills reduced open-market discount rates one eighth of 1 percent to the low level of January of this year. The reduction extended to all classes of short-term commercial loans and first became definitely noticeable toward the end of August with the inauguration of the Federal Reserve banks' new open-market policy on Government security purchases.

The money and security markets have been periodically influenced since the middle of August by various conflicting reports relative to the flight from the dollar. Estimates as to the volume and nature of capital expatriations have moved across the market and have added to an already confused situation. The absence of adequate data on international movements, which can be properly characterized as "flights from the dollar", tend to discredit extreme estimates, whether high or low, but naturally introduce elements of uncertainty into the markets.

		Stocks		Boı	nđs	Сарі	tal issues	8		nd and it pay- nts	Aver- age	m	oen-ma oney ra New Yo	tes,	Brok	ers' loa	ans
Year and month	Prices (aver- age week- ly)	Sales report- ed	mon	Prices (do- mes- tic bonds)	Yields (60 is- sues)	Total	New capital issues	Long- term real- estate bonds	Total	Interest pay- ments	divi- dend per share	Call mon- ey- re- newal (aver- age)		Com mer- cial paper (range)	Re- ported by the New York Stock Ex- change ¹	Ra- tio to mar- ket value	Made by re- port- ing mem- ber banks N.Y.C. ³
	1926 = 100	Thou- sands of shares	Per- cent	Dollars	Per- cent		Thous	sands of c	lollars		Dollars		Percent	;	Mil- lions of dollars	Per- cent	Mil- lions of dollars
1930: August 1931: August 1932:	147.6 95.5	39, 870 24, 890	4. 42 5. 74	98. 58 93. 75	4. 43 4. 49	291, 114 126, 836	204, 989 120, 329	1, 938 2, 100	505, 000 480, 958	227, 000 245, 158	2.86 2.26	$\begin{array}{c} 2.\ 21 \\ 1.\ 50 \end{array}$	21/2-23/4 11/4-11/2	$\frac{3}{2}$	3, 559 1, 354	$5.31 \\ 3.04$	3, 110 1, 366
August September October November December	53. 3 58. 2 49. 9 47. 5 47. 4	82, 649 67, 424 29, 188 23, 038 23, 208	5.65 4.91 5.73 5.84 5.68	83. 70 83. 93 82. 04 81. 36 81. 65	5, 57 5, 35 5, 50 5, 68 5, 75	$169, 482 \\138, 607 \\124, 062 \\76, 400 \\157, 920$	$\begin{array}{r} 61,645\\ 89,971\\ 100,020\\ 44,801\\ 122,713\end{array}$	0 700 0 220 200	367, 100 437, 440 621, 654 438, 032 546, 439	247, 500 312, 440 454, 354 307, 532 426, 239	$1.25 \\ 1.24 \\ 1.24 \\ 1.22 \\ 1.21$	2.00 2.00 1.35 1.00 1.00	$1\frac{1}{4}-1\frac{1}{2}$ $1\frac{1}{4}-1\frac{1}{2}$ $\frac{1}{2}-1\frac{1}{4}$ $\frac{1}{2}$ $\frac{1}{2}$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	325 338	$\begin{array}{c} 1.\ 19\\ 1.\ 42\\ 1.\ 39\\ 1.\ 52\\ 1.\ 52 \end{array}$	345 425 362 35 3 394
1933: January February March April May June July Aurust	47.5 62.9 74.9 80.4	18, 720 19, 320 20, 089 52, 901 104, 229 125, 627 120, 300 42, 466	5. 42 6. 10 6. 30 5. 58 3. 99 3. 27 3. 02 3 25	83. 32 79. 09 78. 58 80. 07 84. 73 86. 84 88. 03 87. 91	5.59 5.73 6.25 6.38 5.78 5.37 5.15 5.12	109, 963 56, 513 19, 094 45, 388 59, 643 222, 644 161, 990 52, 901	64, 610 19, 636 16, 265 24, 928 43, 802 110, 148 117, 083 45, 600	0 900 0 0 0 0 0	863, 492 387, 200 430, 351 561, 279 428, 449 571, 529 763, 219 349 620	592, 892 241, 800 290, 351 424, 429 274, 565 437, 179 557, 319 247, 820	1.20 1.16 1.11 1.09 1.06 1.05 1.05 1.05	1.00 1.00 3.32 1.37 1.00 1.00 1.00	$ \begin{array}{r} 1 & -1\frac{1}{2} \\ 1 & -1\frac{1}{4} \\ \frac{3}{4} - 1 \\ \frac{3}{4} - 1\frac{1}{2} \end{array} $	$\begin{array}{ccc} 2 & -21_4 \\ 11_2 - 2 \\ 11_2 - 13_4 \end{array}$	322 529 780 916	1, 56 1, 83 1, 56 1, 20 1, 63 2, 15 2, 80 2, 50	454 418 512 635 764 876 881
July August	80.4 75.1	120, 300 42, 466	3. 02 3, 25	88.03 87.91	5, 15 5, 12	161, 990 52, 901	117, 083 45, 600		763, 219 349, 620	557, 319 247, 820	1.05 1.05	1.00 .98	34-132 1-14			2.80 2.50	876 881

SECURITY AND MONEY MARKET STATISTICS

12167 - 33 - -2

¹ Wednesday closest to end of month.

Foreign Trade

TNITED STATES exports during August were valued at \$131,500,000 and imports at \$155.-000,000. Both exports and imports usually show a seasonal increase of about 5 percent from July to August, but this year the value of exports declined 9 percent, while the value of imports increased 8 percent. Expanding domestic activity has been partly responsible for the greater import demand, but rising dollar prices and the possibility of still higher dollar prices for foreign merchandise has exerted an important influence on this trade. The gold exchange value of the dollar averaged about 28 percent below par in August.

The \$12,000,000 increase in the import value resulted from larger quantity purchases as well as higher prices of a wide range of commodities. Only 1 of the 11 group classifications—vegetable food products and beverages---declined in value during August, and even in this group a large number of the important commodities showed increases. The drop of \$3,400,000 in value resulted from an 8,000,000-dollar decline in the value of sugar imports from the Philippine Islands.

Compared with July, imports of hides and skins were \$1,100,000 greater and leather manufacturers-primarily gloves-were nearly \$700,000 larger. Coffee imports advanced \$2,600,000, cotton manufacturers \$1,100,000, burlaps \$1,300,000, unmanufactured wool \$1,100,000, paper base stocks \$500,000, petroleum and products \$500,000, tin \$1,400,000, fertilizers \$500,000. art works \$700,000, and crude rubber \$1,200,000.

The decline of \$13,000,000 in value of export trade from July to August was largely a readjustment of

the unusual trade movement in July. Smaller exports of unmanufactured cotton and petroleum, both of which increased sharply from June to July, contrary to the usual seasonal movement, were largely responsible for the lower total value in August. The value of refined mineral oils exported fell off \$5,500,000, and of unmanufactured cotton, \$8,600,000. Despite the drop of over 20 percent in unmanufactured cotton exports the quantity shipped was higher than in any other August on record. For the year to date the value of raw cotton exports has accounted for 22 percent of the total value of all exports. Cotton cloth exports declined sharply; only 18,000,000 vards were exported in August, compared with 29,000,000 in July, while the value fell off from \$2,500,000 to \$1,700,000.

A considerable number of important commodities, on the other hand, showed further increases. The value of exports of machinery equipment and appliances increased for the fourth consecutive month. Exports of automobiles and advanced manufactures of iron and steel were larger in value than in any month for over a year. The value of exports of iron- and steel-mill products was greater than in any month since the latter part of 1931. Exports of fruits and nuts increased \$1,400,000, partly owing to seasonal influences.

As a result of the low value in the early part of the year, exports for the year to date were valued at \$945,000,000, 10 percent less than in the corresponding period of 1932, and imports at \$890,000,000, or 3 percent less.

	Ind	exes				Exports	of Unit	ed State	s merch:	andise				Gen	eral imp	orts	
			Ex- ports,		Crude ria	mate- Is	Food	stuffs		Finish	ed man tures	nufae-					
Year and month	Total ex- ports, ad- justed ¹	Total im- ports, ad- justed ¹	in- clud- ing reex- ports	Totai	Totai	Raw cot- ton	Total	Fruits and prep- ara- tions	Semi- man- ufac- tures	Total	Ma- chin- ery	Auto- mo- biles, parts, and acces- sories	Total	Crude ma- terials	Food- stuffs	Semi- man- ufac- tures	Fin- ished man- ufac- tures
		ly aver- -25=100		<u> </u>	· ·	<u></u>		·	Millio	ons of dol	ars	······································	·		·	<u> </u>	
1930: August 1931: August 1932:	85 47	70 54	$297.8 \\ 164.8$	293.9 161.5	53. 2 25. 5	27.6 9.9	52. 5 28. 1	7.7 8.0	40, 8 23, 9	$147.5 \\ 84.1$	$34.0 \\ 20.2$	$\begin{array}{c} 17.1\\10.8\end{array}$	218.4 166.7	72.6 47.7	43. 8 45. 4	44. 2 28. 3	57. 45.
August September October November December	33 32	29 32 32 32 32 30	$108. \ 6 \\ 132. \ 0 \\ 153. \ 1 \\ 138. \ 8 \\ 131. \ 6$	$106.3 \\ 129.4 \\ 151.0 \\ 136.4 \\ 129.0$	$\begin{array}{c} 29.\ 7\\ 47.\ 4\\ 60.\ 5\\ 55.\ 3\\ 52.\ 2\end{array}$	$ \begin{array}{r} 18, 1\\ 32, 1\\ 40, 0\\ 38, 5\\ 39, 0 \end{array} $	17.3 20.4 25.2 19.9 16.0	5.49.612.27.94.8	12.915.916.914.615.7	$\begin{array}{r} 46.3\\ 45.9\\ 48.4\\ 46.6\\ 45.0\end{array}$	9.0 9.1 11.6 10.2 9.7	5.1 4.9 5.0 4.4 5.1	91.1 98.4 105.5 104.5 97.1	22. 2 27. 3 27. 2 27. 8 28. 7	$\begin{array}{c} 29.\ 2\\ 31.\ 3\\ 33.\ 5\\ 32.\ 0\\ 28.\ 2\end{array}$	$ \begin{array}{c} 15.1\\ 14.6\\ 16.7\\ 16.6\\ 16.7 \end{array} $	24. 25. 28. 28. 23.
1933: January February April May June July August Cumulative, January	29 28 29	29 26 25 32 40 48 50	120. 6 101. 5 108. 0 105. 2 114. 2 119. 8 144. 2 131. 5	118.6 99.4 106.3 103.1 111.9 117.5 141.7 129.3	42. 3 31. 8 29. 4 28. 6 35. 0 40. 3 51. 5 42. 0	29. 7 20. 6 18. 1 16. 9 26. 1 29. 3 36. 8 28. 2	16. 2 12. 8 13. 4 11. 3 13. 0 13. 4 15. 4 16. 9	4.6 3.8 3.9 2.9 3.8 2.9 4.3 5.6	15.8 13.2 16.5 15.3 17.6 18.2 21.4 20.5	44. 3 41. 5 47. 0 47. 9 46. 2 45. 7 53. 4 50. 0	9.2 8.5 9.4 8.8 9.1 9.3 10.1 10.9	6.5 6.3 6.9 7.4 7.4 7.0 7.5 8.1	96. 0 83. 8 94. 9 88. 4 106. 9 122. 3 143. 0 155. 0	27. 2 21. 1 23. 6 21. 1 24. 9 34. 3 46. 4 50. 7	30. 7 30. 0 33. 6 32. 8 40. 0 36. 9 38. 8 35. 4	16. 2 13. 6 14. 8 13. 5 18. 3 27. 8 31. 0 35. 2	21. 19. 22. 20. 23. 23. 26. 33.
through August: 1931	² 58 ² 37 ² 33	² 56 ² 35 ² 35	1,055.4	1, 628. 1 1, 030. 2 927. 8	322, 3 298, 2 300, 9	171. 4 195. 6 205. 7	244.6 160.1 112.4	64.7 42.2 31. 8	233.6 133.7 138.5	827.5 438.3 376.0	238.9 91.0 75.3	117.2 56.9 57.1	1, 448. 3 917. 3 890. 3	439.3 247.3 249.3	385.6 282.0 278.2	259.9 152.3 179.4	363. 235. 192.

EXPORTS AND IMPORTS

Monthly average

Real Estate and Construction

THE 28 percent gain in value of construction con-tracts awarded in August, which amounted to \$106,000,000, was brought about by an increase in public works and utility undertakings. Whereas these contracts totaled only \$19,000,000 in the previous month, in August they aggregated \$51,000,000, three fourths of which represented contracts for highways and water-supply systems. A year ago all awards totaled \$134,000,000; of this amount, \$64,000,000 represented public works and utility projects. All contracts awarded for the first 8 months of the year were valued at \$621,000,000, as compared to \$930,000,-000 in the similar period of 1932. According to estimates of the F. W. Dodge Corporation, the full year's construction contract total for 37 eastern States will range between \$1,000,000,000 and \$1,100,000,000. During the year 1932 a total of \$1,350,000,000 was reported.

Although the Federal Reserve Board's adjusted index of construction contracts awarded increased slightly in August to the highest point for the year, the figure indicated building activity was not more than 23 percent of average operations reported from 1923 to 1925. A year ago it was 30 percent and in August 1931 59 percent of the 1923–25 average. For no month so far this year has the index come within 10 percent of the lowest figure reported during 1932. No long-term real-estate bonds have been publicly issued since February, and the volume of private construction continues at a low ebb.

While residential building slackened slightly from the previous month, the valuation of these contracts in August remained a little higher than in August a year ago, the fourth successive month in which an increase over a year ago has been reported. In August 1931, however, the total was nearly three times as large. The Middle Atlantic States, including New York City, accounted for more than one third the entire contract valuation in August.

The value of Federal-aid highways approved for construction during August was at the lowest point since figures were made available in 1924. A year ago the total was six times as much. System highways under construction in the month also reached the lowest level on record.

Building material shipments declined during the month. After five successive increases, cement shipments dropped 31 percent from July and were not much more than half the total reported a year ago. Maple-flooring shipments also decreased.

According to the Engineering News-Record's index, construction costs (including the prices of structuralsteel shapes, cement, lumber, and the rates paid common labor) rose 6 percent in July and August. On September 1 building prices were 11 percent higher than they were a year ago.

		Cons	truction	contra	cts awai	ded				ling ma ipment			ral-aid Iways	Con- struc-	Real estate	Long-
Year and month	F.R.B. index ad- justed 1	All ty constr	pes of uction	Resid buil	ential ding	Pub- lie utili- ties	Pub- lic works	Explo- sives, new orders	Maple floor- ing	Oak floor- ing	Ce- ment	Ap- proved for con- struc- tion	Under con- struc- tion	tion costs, Eng. News- Rec- ord ²	mar- ket ac- tivity, deeds record- ed	term real estate bonds issued
	Monthly average 1923-25= 100	Num- ber of proj- ects	Mil- lions of dollars	Mil- lions of square feet	Mil- lions of dollars			Thou- sands of pounds	feet,	ands of board sure	Thou- sands of barrels		sands of llars	Month- ly av- erage 1913= 100	Month- ly av- erage 1926= 100	Thou- sands of dollars
1930: August 1931: August	81 59	11, 621 9, 242	347 233	16.8 14.1	$82.7 \\ 60.2$	49.3 12.4	78.3 60.9	32, 687 25, 437	4, 416 3, 397	21, 509 21, 464	20, 299 15, 172	57, 992 41, 880	302, 444 378, 476	201. 0 171. 4	69.6 59.8	1, 938 2, 100
1932: August September October November December	30 30 29 27 28	7, 185 7, 152 6, 483 5, 266 4, 205	134 128 107 105 81	5, 5 6, 6 6, 0 5, 5 3, 4	20. 8 22. 8 21. 9 19. 2 13. 0	7.4 4.5 8.3 4.1 6.5	56.764.250.250.1 36.9	17, 607 20, 867 22, 122 19, 074 17, 998	2, 816 2, 402 2, 031 1, 902 1, 590	11, 626 11, 739 10, 657 5, 918 4, 327	10, 968 9, 729 8, 743 4, 782 2, 835	56, 154 58, 319 56, 058 51, 976 45, 085	242, 175 260, 943 255, 315 250, 724 250, 978	156. 8 158. 0 159. 2 158. 2 158. 5	54. 253. 4 $60. 450. 152. 9$	0 700 0 220 200
1933: January	14	3,800 3,884 6,303 7,254 9,409 9,186 8,229 8,193	83 53 60 57 77 103 83 106	3. 2 3. 1 4. 8 5. 8 8. 4 8. 3 7. 4 6. 4	12.0 11.8 16.0 19.1 26.5 27.8 23.6 21.9	8.0 4.7 2.5 2.4 5.6 5.0 4.1 19.4	34.7 12.5 15.1 11.2 13.4 19.4 14.8 32.0	17, 129 15, 437 15, 435 15, 006 14, 975 17, 886	1, 496 1, 318 1, 246 2, 097 2, 715 4, 384 4, 326 3, 386	4, 433 6, 074 7, 573 9, 479 14, 549 17, 723 13, 676 12, 793	2, 502 2, 278 3, 510 4, 949 6, 709 7, 979 8, 697 5, 994	40, 180 33, 050 25, 738 13, 127 8, 371 8, 996 9, 208 6, 209	252, 372 260, 185 265, 678 269, 489 260, 736 242, 107 222, 452 191, 040	158. 4 159. 3 158. 4 160. 2 164. 4 163. 4 165. 5 167. 0	50. 4 57. 2 41. 7 41. 1	0 900 0 0 0 0 0 0
through August: 1931 1932 1933	69 28 18	9, 929 6, 628 7, 032	289 116 78	17.8 6.5 5.9	76. 9 25. 4 19. 8	27.4 6.5 6.5	85.5 39.2 19.1		3, 179 2, 275 2, 621	24, 063 11, 433 10, 788	11, 142 6, 811 5, 327	85, 562 57, 205 18, 110	316, 838 217, 425 245, 507	187.4 156.2 162.1		4, 146 319 113

BUILDING MATERIALS, CONSTRUCTION, AND REAL ESTATE

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

Transportation

FREIGHT traffic in August declined contrary to the usual seasonal trend and the adjusted index dropped 6 percent. In the first 3 weeks of September the adjusted index also moved lower. Comparisons with the months preceding July and with the corresponding period of 1932 are still favorable, and the financial position of the carriers continues to show marked improvement.

With the exception of July, the adjusted index of car loadings was the highest since March 1932. The decline in August was occasioned by the reduction in grain and miscellaneous freight shipments, together with a slight recession in l.c.l. and forest-products loadings. The index of miscellaneous freight was the lowest since May. All classes, excepting livestock and ore, showed decreases after adjustment for seasonal factors. The adjusted index of l.c.l. loadings dropped 1.4 percent, and was only slightly higher than in August 1932. Coal loadings continued to expand, but the August increase fell short of the normal seasonal rise.

Compared with a year ago, August carloadings were up 21 percent and for the year to date the increase was 0.6 percent. The relative gains in comparison with a year ago have narrowed appreciably in recent weeks, partly due to the upward movement in the latter part of the third quarter of 1932. For the latest week reported loadings were, 652,016 up 11 percent over a year ago, compared with weekly gains of as high as 30 percent in July. Net operating income of class I carriers in July amounted to \$64,307,000, the largest total for any month since October 1930. For the first 7 months of the year net operating income was 79 percent larger than in 1932, and 27 percent smaller than in 1931. It was equivalent to an annual rate of return of 1.64 percent on the property investment of the roads. The July return was considerably higher than the average. The improvement in net income this year has been the result of the continued control of operating expenditures which were 13 percent less in the 7 months ended July than in the same period of 1932. This more than offset the decline of 6 percent in gross revenues, and permitted the large gain in net income indicated above.

Greater activity in railroad repair shops was indicated by the August employment figures which showed an increase of 5.3 percent, accompanied by an increase of 16 percent in pay rolls. While fairly large percentage increases were also reported for the equipment manufacturing branch, they actually represent only a slight improvement as indicated by the fact that pay rolls in the locomotive industry were at 9.3 percent of the 1926 average and in the car-building branch, 13 percent of the 1926 average. Rail orders placed by the roads to date have been few and the lack of support from this quarter has been one of the contributing causes of the recession in steel-mill activity.

				Fr	eight-	car loa	dings					s	a gers	Fina stati	ncial stics	С	anal tra	affie
	F.R.B	. index				ts	prod-		ise			surplus	asser d b	in- I	p a y- team	Maric	te	
Year and month	Unadjusted ¹	Adjusted ²	Total	Coal	Coke	Forest products	Grain and pr ucts	Livestock	Merchand I.c.l.	Ore	Miscellaneous	Freight-car su	Pullman passengers carried _{in lat}	Net operating i come, class railroads	Dividendp ments, ste railroads	Sault Stc. Ma	New York State	Panama ³
	Monthi age, 19 1(23-25=				Tł	iousand	s of car	51				Thou- sands	Thous dol		Thous short	ands of tons	Thous. of long tons
1930: August 1931: August 1932:	96 76	89 72	938. 0 747. 6	147.8 118.7	8.3 4.6	41. 4 27. 6	60. 3 44. 3	$22.0 \\ 21.7$	236. 0 214. 0	56, 7 35, 0	365.7 281.8	432 574	2, 767 2, 091	96, 018 56, 444	37, 700 32, 000	11, 267 8, 385	457 425	1, 022 859
August September October November December 1933:	53 61 65 58 52	51 54 57 57 58	$516. 2 \\ 561. 1 \\ 631. 6 \\ 548. 8 \\ 497. 4$	84.6 103.6 135.2 122.8 125.2	2.7 3.4 4.8 4.8 5.6	15.5 17.1 18.9 16.0 13.2	$\begin{array}{r} 38.5\\ 37.1\\ 34.7\\ 27.8\\ 26.5 \end{array}$	16.9 20.3 23.4 19.0 16.6	169. 1 170. 3 178. 7 166. 5 155. 4	7.1 6.1 6.4 3.0 1.8	$182.1 \\ 203.2 \\ 229.6 \\ 189.0 \\ 153.1$	708 599 545 622 647	1, 323 1, 339 1, 158 1, 078 1, 248	28, 368 49, 647 63, 839 34, 179 32, 857	7,000 7,300 10,400 7,500 5,900	3, 095 3, 807 3, 924 2, 877 215	528 478 554 588 0	650 638 723 682 587
January February March April June July August Monthly average. Janu-	51 51 48 51 56 60 66 66 65	56 54 50 53 56 60 65 61	477. 6 489. 5 460. 3 500. 9 532. 0 566. 3 621. 8 625. 7	107, 1 123, 1 91, 4 79, 5 79, 6 90, 5 112, 1 123, 5	5.2 6.2 4.5 3.4 3.8 4.9 6.6 6.7	13. 7 13. 7 14. 6 17. 2 20. 8 25. 1 26. 8 27. 2	26. 6 25. 3 26. 0 35. 5 37. 0 36. 7 44. 9 29. 6	17. 2 15. 4 13. 0 16. 5 16. 6 15. 5 15. 0 16. 6	153. 4 154. 6 156. 1 160. 5 165. 3 163. 6 166. 4 170. 0	1. 8 1. 8 2. 0 3. 2 7. 7 11. 1 22. 1 34. 2	152. 6 149. 4 152. 7 185. 2 201. 2 219. 0 227. 8 217. 9	692 650 681 619 553 454 393 398	1, 158 952 872 974 951 1, 201	13, 266 9, 855 10, 548 19, 041 40, 693 59, 483 64, 307	10, 500 8, 000 11, 300 11, 500 1, 425 2, 950 16, 500 4, 900	0 0 696 3,490 3,582 6,050 7,690	0 0 183 542 479	560 623 724 302 783 779 823
ary: through August: 1931 1932 1933 1933 ¹ .Daily average basis.	76 55 56	asonal va	736. 3 532. 5 533. 9	123.7 92.1 100.5	6.7 4.1 5.1	31.5 17.8 20.0	41. 2 32. 0 33. 1 both di	20. 9 17. 4 15. 7	215.6 178.3 161.4	17. 9 3. 9 10. 6	278. 7 186. 9 189. 3	610 737 555		•42, 352 •17, 326 • 31, 028	39, 800 22, 637 8 , 384	h 5, 580 h 1, 932 h 4, 302		\$ 892 \$ 642 \$ 653

RAIL AND WATER TRAFFIC

Automobiles and Rubber

PRODUCTION schedules in the automobile industry were lowered during September. The recession, however, has been less than was anticipated in view of the absence this year of the decline which usually occurs during the early summer months as indicated by the sharp rise of the adjusted index through July. Retail sales likewise have shown some decrease, although the amount was less than seasonal and reports indicate that demand was well maintained into the third week of September.

Total production increased slightly in August, and the output was higher than that for this month since 1929. Although normally an increase in output is expected, the advance over the July total was the first that has taken place between these two months since 1928 and is in contrast to the recent downward trend of production in most industries. The Federal Reserve Board's adjusted index of production for August declined 13 percent below the level of July, and was only slightly below that reported three years ago. Output of Canadian plants declined in August for the third successive month, although production was still above the levels of the same month of 1931 and 1932.

New passenger-car registrations in August declined about 6 percent from the July figures. It is estimated by R. L. Polk & Co. that sales for the first 8 months of the year will be close to 1,040,000 units, as against 1,096,000 for the entire year of 1932. Although tire output in August was the smallest in 4 months, it was at the highest level for any similar month since 1929. For the first 8 months of 1933, the number of tires produced was 3.5 percent higher than in the same period of 1932, but was below the total for the similar months of 1931. Due to seasonal influences, schedules of the tire industry tapered off further during the first part of September. Domestic shipments of tires were slightly below total production in August. For the year to date they also totaled a little less than production, whereas last year at this time total output was slightly larger than shipments.

Due primarily to increased production in the Middle East, the larger domestic consumption of crude rubber since May has failed to be reflected in a proportionate decrease in world stocks. While stocks declined somewhat during August, the total tonnage was above that on hand a year ago. Crude rubber consumption in this country so far this year was 15 percent higher than in the corresponding period of 1932, and average world stocks remained slightly higher than in the like period of last year. Imports of crude rubber during August were at the highest level since March 1932. For the first 8 months of the year, however, they totaled 15 percent less than incoming shipments in these months of 1932. The total volume of imports has exceeded domestic consumption by only a negligible amount thus far in 1933.

		Au	tomobil	e produ	ction			nobile orts	New	Auton finan			matic res	Cr	ude rul	ober
		Un	ited Sta	ites		Canada			pas- senger car	By			Do-	Do- mestic		World
Year and month	F.R.B. index, ad- justed ¹	Total	Pas- sen- ger cars	Taxi- cabs	Trucks	Total	Passen- ger cars	Trueks	reg- istra- tions	whole-	etail pur- chasers	Pro- duc- tion	mestic	con- sump-	Im- ports	stocks, end of month
	Month- ly av- erage 1923-25 = 100	Thou	sands			Nu	mber			Millio doll		Thou	Isands		Long tor	15
1930: August 1931: August 1932:	$\begin{array}{c} 62 \\ 52 \end{array}$	$224 \\ 187$	$184 \\ 155$	386 104	40, 450 31, 772	9, 792 4, 544	7, 956 5, 675	5, 318 2, 374	203, 643 155, 744	45 44	103 80	3, 332 3, 125	3, 976 3, 845	28, 129 25, 379	36, 657 39, 033	451, 114 550, 580
August September October November December	23 24 17 31 60	90 84 49 60 107	76 65 35 47 86	9 13 5 239 291	14, 418 19, 402 13, 595 12, 025 21, 204	4, 067 2, 342 2, 923 2, 204 2, 139	2, 893 3, 053 1, 733 1, 762 2, 757	2, 044 2, 601 2, 549 1, 353 2, 221	93, 457 81, 893 63, 195 44, 358 45, 683	22 19 13 12 20	45 39 34 28 27	2, 471 2, 031 2, 055 1, 843 1, 586	2,065 2,411 1,385 1,306 1,405	20, 582 20, 692 19, 337 20, 157 15, 631	33, 989 29, 280 35, 806 29, 620 32, 016	595, 782 599, 761 604, 008 611, 301 621, 078
1933: January February April June July August Monthly average, Jan	27 44 51 66	130 107 118 181 218 253 233 233 236	108 91 153 185 211 195 195	5 152 660 411 54 35 4 68	21, 718 15, 333 18, 064 27, 317 33, 605 41, 839 38, 065 41, 336	3, 358 3, 298 6, 632 8, 255 9, 396 7, 323 6, 540 6, 079	7, 059 5, 521 5, 528 5, 662 5, 093 4, 757 5, 546 6, 516	3, 084 3, 136 2, 528 2, 656 2, 445 2, 478 3, 582 3, 792	79, 821 69, 464 78, 741 119, 909 160, 242 174, 190 185, 660 175, 000	30 28 28 41 55 57 58	31 29 34 45 58 66 65	1,806 1,871 1,630 2,499 4,151 4,880 4,571	2, 011 1, 764 1, 616 2, 874 4, 077 4, 320 4, 324	19, 928 18, 825 15, 701 22, 817 38, 785 44, 654 43, 660 39, 097	30, 663 22, 969 28, 475 21, 034 26, 736 23, 504 45, 243 45, 413	614, 851 618, 299 622, 142 617, 490 620, 586 632, 565 619, 752 607, 978
uary through August: 1931 1932 1933	66 36 50	247 134 185	207 113 155	388 71 174	40, 032 21, 120 29, 660	9, 357 6, 401 6, 360	8, 374 4, 017 5, 710	4, 383 2, 030 2, 963	190, 900 107, 659 130, 378	• 58 • 35 • 42	≠ 52	• 3, 834 • 2, 760 • 3, 05 8	a 2, 853	29, 753 26, 532 30, 433	40, 317 35, 981 30, 505	528, 720 612, 342 619, 208

AUTOMOBILE AND RUBBER STATISTICS

¹ Adjusted for seasonal variation.

•7 months' average.

Chemical Industries

CTIVITY in the chemical industries has been adresult affected by slackening production in other major productive lines. The decline has been more pronounced in the rate of incoming business than in the actual output. Heavy chemicals were principally affected. Alcohol demand picked up seasonally, while little change occurred in the paint and varnish industry where demand remained dull. Prices have been generally firm, and the Bureau of Labor Statistics index of wholesale prices of chemicals and drugs in August dropped only one tenth of 1 percent. In the first half of September price changes for the group were small.

Employment in the chemical and allied products industries was higher in August. The rise of 7.7 percent advanced the index to within 10 percent of the 1923-25 average. Aside from the partly seasonal increase of 19 percent in the cottonseed industry, the largest relative gain was in rayon manufacturing. Increases of 10 percent were reported for the chemical, explosive, and fertilizer subgroups.

With the exception of the paint and varnish section which reported a pay-roll decrease of 2.1 percent, pay rolls in all branches were higher, the total gain amounting to 5.7 percent. In the chemical, cottonseed, fertilizer, petroleum refining, rayon, and soap industries, the pay-roll increases were relatively less than the employment gains.

The seasonal demand for alcohol for antifreeze purposes, and an increasing volume of business from industrial consumers has resulted in a sharp gain in alcohol output. Production of both refined and syn-

thetic methanol increased, and was larger than in the same month of either 1932 or 1931. Synthetic methanol shipments continued larger than the output and current stocks are less than one third as large as in August 1932. Refined methanol output for the past 2 months has exceeded shipments and resulted in an increase in refined stocks. Stocks of synthetic were equivalent to only slightly more than 1 month's shipments at the August rate, while stocks of refined were equivalent to 4 months' supply. Prices have been firm.

Notwithstanding conservative trade in naval stores, the statistical position improved in September. Both receipts and stocks of gum rosin were reduced during the month and, while production of wood rosin increased, stocks were materially reduced. Gum turpentine production was also reduced, although not to the extent of shipments. Wood-turpentine shipments exceeded production, resulting in a further reduction of stocks. Stocks of all classes of naval stores are well below the level of a year ago. Prices have been easier, canceling part of the sharp July mark-up.

Consumption of fertilizer in the Southern States was at a seasonal low point in August. Due to the publication of an erroneous consumption figure for last April, the trend of consumption during the current year has not been correctly shown in recent issues. Consumption in the first 8 months was one fifth greater than in the same period of 1932. Imports in August increased, although nitrate of soda imports remained small. Quotations have been lowered further.

		Ge	eneral o	peratio1	ıs			Alcohol		-			-		Fertilize	r
	Electri- cal	Emplo	yment	Pay	Sto	cks		Re- fined	Syn- thetic	By- prod- uct	Explo- sives	Rosin, wood	Tur- pen- tine,	~		
Year and month	energy con- sump-	Unad- justed	Ad-	rolls unad- justed	Manu- fac- tured	Raw mate-	Ethyl	meth- anol	meth- anol	coke			wood	Con- sump- tion ²	Total imports	Nitrate of sod a imports
	tion	Justeu	Justeu		goods	rials			Pr	oductio	n					
		Month	ly avera	ge, 1923-2	25=100		Thous	ands of g	allons	Thous. of short tons	Thous. of lb.	Bar	rels	Thous. of short tons	Long	g tons
1930: August 1931: August	$135.7 \\ 137.6$	101.5 84.4	$104.4 \\ 86.6$	$\begin{array}{c}100.7\\80.4\end{array}$	117 115	93 85	12, 890 12, 363	347 80	$435 \\ 316$	3, 611 2, 435	31, 168 24, 548	37, 349 17, 074	6, 125 2, 607	45 40	160, 542 127, 599	9, 083 35, 367
1932: August September October	$116.6 \\ 126.8 \\ 129.0 \\ 130.1$	72. 2 74. 0 75. 1 75. 5	74.0 73.7 74.9 75.2	60.0 59.8 60.7 60.9	116 121 122 121	90 112 122 122	12, 365 13, 355 13, 140 7, 391	151 102 198 141	793 698 571 532	1, 474 1, 544 1, 739	17,903 19,557 22,624	31, 141 31, 155 33, 132	4, 861 5, 020 5, 202	40 97 98	57, 530 88, 006 91, 619	0 517 13
November December 1933:	130.1 124.3	75. 4	75.2 75.2	59.8	121	122	5, 278	131	644 644	1,752 1,786	20, 753 17, 930	31, 308 29, 220	5, 454 5, 070	60 85	85, 206 47, 956	4, 887 48
January February March April May	126. 0 130. 0 115. 6 121. 0 127. 1	76. 2 77. 3 78. 2 82. 4 78. 9	76.4 76.4 75.6 77.6 80.3	60.7 60.8 60.4 60.8 61.9	$122 \\ 120 \\ 123 \\ 119 \\ 112$	112 104 99 93 90	$\begin{array}{c} 6,014\\ 9,084\\ 8,229\\ 9,012\\ 9,149\end{array}$	$ \begin{array}{r} 166 \\ 117 \\ 124 \\ 83 \\ 95 \end{array} $	$353 \\ 325 \\ 178 \\ 425 \\ 366$	$1,785 \\1,639 \\1,666 \\1,656 \\1,921$	$17,777 \\ 16,008 \\ 15,804 \\ 16,005 \\ 15,781 \\ 16,781 \\ 10,781 \\ 10,781 \\ 10,781 \\ 10,777 \\ 1$	31, 188 25, 583 26, 597 24, 926 31, 045	4, 975 4, 175 4, 255 3, 831 5, 028	$205 \\ 298 \\ 825 \\ 1,119 \\ 235$	94, 313 90, 349 97, 507 102, 204 101, 085	405 2, 516 106 66 8, 431
June July August Monthly average, January	135.7 146.7 143.5	79.4 84.0 89.9	82.3 87.5 92.4	64. 6 67. 9 72. 2	107 109 106	87 85 85	10, 683 11, 684	98 153 182	559 562 860	2, 241 2, 797 2, 923	17, 271	35, 163 41, 033 42, 961	5, 514 6, 516 6, 779	43 18 45	105, 083 81, 207 102, 02 8	29, 921 5, 308 3, 94 3
through August: 1931 1932 1933	137. 1 126. 3 130. 7	91.3 77.9 80.8	91. 4 78. 0 81. 1	87.6 66.4 63.7	125 127 115	93 98 94	• 11, 718 • 11, 041 • 9, 122	170 114 127	643 649 454	2, 897 1, 793 2. 079		29, 982 27, 141 32, 312	5, 140 4, 401 5 , 134	471 288 349	129, 969 78, 544 96, 722	52, 416 5, 621 6, 337

CHEMICAL STATISTICS

Southern States.

Farm and Food Products

PRODUCTION in the food processing industry declined 8 percent in August, after allowance for the usual seasonal change. Despite this decline, activity was 8 percent greater than a year ago. The recession in production was not accompanied by a corresponding decline in employment and pay rolls as both of these indexes increased, the former by 7.3 percent and the latter by 11 percent. Both employment and pay rolls were well above the level of a year ago.

Farm prices on August 15 receded from the year's high point reached in mid-July. At 72 percent of the 1909-14 average, prices paid farmers were still 22 percent higher than on August 15, 1932. A further reduction occurred in the month ended September 15, according to preliminary data.

The August movement of wheat to primary markets failed to attain the usual high level at this time of the year, due to the short crop. The month's receipts were down by 27 percent from July and 34 percent from a year ago. The visible supply, however, rose 11 percent over the end of the previous month. Wholesale prices of all types of wheat declined without exception during the month. Estimates as of September 1 indicate a wheat crop of 506,557,000 bushels, a rise of 1.4 percent over the August 1 forecast. Corn prospects improved slightly during August and the estimated output was raised by 12,000,000 bushels. The final estimates on production are still dependent on weather conditions and accurate determination of how much of the acreage sown to spring wheat, oats, and barley was harvested for grain and how much was salvaged for stock feeding.

The movement of cattle and calves to markets during August was greater than in either the previous month or August last year. Hog receipts were the highest since January 1932; sheep and lamb receipts were also higher. Cold-storage holdings of fresh and cured beef and veal increased by 7,000,000 pounds, while stocks of fresh and cured pork declined 55,000,000 pounds. Wholesale price trends for meat animals were fairly steady during August.

Receipts of butter at principal markets, which were 23 percent less than in August 1932, showed the usual seasonal decline from the preceding month. Cheese receipts also declined during the month. The intostorage movement of dairy products was heavy, with butter and cheese holdings increasing 24,000,000 and 14,000,000 pounds, respectively. As measured with the same period last year, cold-storage holdings of butter were 63 percent and of cheese 35 percent higher, respectively.

A market agreement for the evaporated-milk industry was signed by the Secretary of Agriculture and became effective September 9. The agreement was advanced as a voluntary measure to stabilize prices and distribution practices. It includes, among special trade practice rules, a provision that no manufacturer may sell evaporated milk outside certain minimum and maximum limits.

••••••	Foo	od produ	iets	Agricu mark	uttural etings		Wheat		Co	rn	Ani	mals an	ıd anim	al prod	uets	Imp	orts
	F.B ind	exes	ces		products	, principal rkets	ply, ates, th	h te d mar- des	cipal	yellow, City			Mo	eats	Butter		
Year and month	Production adjusted ¹	Employment adjusted ¹	Wholesale prices	Crops	Animal prod	Receipts, prin markets	Visible suppl United State end of month	Price, weighte average, 6 mai kets, all grades	Receipts, principal markets	Price, no. 3 ye Kansas Cit	Cattle receipts	Hog receipts	Con- sump- tion, appar- ent	stor-	sump- tion- appar-	Raw sugar ³	Coffee
	Monthl age, 1923	ly aver- 25=100	Month- ly aver- age, 1926= 100	Monthl age, 1923	ly aver- -25≕100	Milli bus	ons of shels	Dollars per bushel	Mil- lions of bushels		Thou	sands	Mill	ions of p	ounds	Thou- sands of long tons	Thou- sands of bags
1930: August 1931: August 1932: +->	91 88	93.0 88.1	87.6 74.6	124 82	83 87	$\begin{array}{c} 85\\ 61\end{array}$	195 243	0.85	20 11	0.92 .45	1,605 1,822	2, 617 2, 454	$1,020 \\ 1,043$	788 798	139 151	313 532	712 884
August September October November December	89 83	81, 0 81, 8 81, 3 80, 7 80, 0	$\begin{array}{c} 61.8\\ 61.8\\ 60.5\\ 60.6\\ 58.3 \end{array}$	71 125 165 133 84	85 81 83 84 81	$ \begin{array}{r} 41 \\ 38 \\ 27 \\ 18 \\ 14 \end{array} $	188 194 190 177 169	.55 .55 .51 .49 .46	14 19 25 13 12	$ \begin{array}{r} .33 \\ .29 \\ .24 \\ .24 \\ .22 \\ \end{array} $	1,606 1,689 1,896 1,543 1,161	2, 405 2, 505 2, 691 2, 775 3, 121	1,002 1,096 1,088 1,042 1,014	$751 \\ 637 \\ 544 \\ 513 \\ 620$	$152 \\ 142 \\ 142 \\ 139 \\ 134$	$468 \\ 328 \\ 239 \\ 186 \\ 174$	601 782 923 935 945
January February March April May June June July August Monthly average Jan- uary through	89 91	79. 6 79. 2 78. 4 81. 2 82. 6 82. 3 83. 6 89. 7	55. 8 53. 7 54. 6 56. 1 59. 4 61. 2 65. 5 64. 8	70 52 55 60 81 81 87 69	81 69 76 86 103 102 95 109	13 10 13 16 23 29 37 27	158 148 137 126 119 125 135 150	.48 .48 .53 .64 .73 .78 1.00 .92	13 13 10 17 26 34 46 14	. 23 . 22 . 26 . 33 . 39 . 40 . 52 . 50	1, 318 1, 136 1, 171 1, 296 1, 558 1, 449 1, 456 1, 657	3, 381 2, 699 2, 638 2, 798 3, 143 3, 361 2, 871 3, 917	1,061 919 993 1,030 1,107 1,095 1,051 1,163	717 751 749 780 865 1,049 1,146 1,101	129 123 129 134 161 129 133 143	258 289 430 536 491 426 488 269	911 1, 083 1, 109 922 1, 187 977 865 1, 128
uary inrough August: 1931 1932 1933		89.7 82.6 82.1	76.0 61.4 58.9	73 63 69	93 85 89	42 22 21	207 186 137	. 66 . 57 . 70	16 10 21	. 53 . 35 . 36	1, 545 1, 381 1, 380	3, 173 2, 992 3, 101	1,020 1,014 1,052	1,005 936 8 95	142 140 135	411 416 398	1, 169 974 1, 02 3

FOODSTUFFS STATISTICS

¹ Adjusted for seasonal variation

Revised. Earlier data may be found on p. 19 of June 1933 issue.

³ Includes receipts from Hawaii and Puerto Rico

Forest Products

FURTHER curtailment in the receipt of new orders for lumber and increased productive activity in the industry during August have led to an increase in stocks on hand at the mills and a slackening of production in the early part of September. Employment and pay rolls in the industry improved in August, while prices of lumber and lumber products continued to move upward. The industry has recently started functioning under the industrial code adopted as part of the National Recovery Administration program.

Lumber production increased for the sixth consecutive month in August to a volume more than double the output of last March and to the highest amount recorded during the past 2 years. The rise from July to August was no more than the usual seasonal movement, however, and the adjusted index remained unchanged in this period. During early September a decline in new orders and shipments brought about a curtailment of productive activity.

Weekly average carloadings of forest products again increased in August, reaching the highest number recorded since the same month 2 years ago, and more than double the record low volume reached last winter. The improvement in August as compared with July was slight, however, amounting to less than 2 percent, and there was an actual decline on a daily average basis.

Lumber prices moved sharply upward in August, the rise from the July average amounting to 5 percent.

August prices were over 40 percent above the quotations at this time a year ago. Furniture prices also moved upward in August, the increase over July amounting to 3 percent.

Employment in the lumber and allied products industrial group picked up 8 percent from July to a level nearly a third higher than in this month a year ago. The increase was fairly even throughout the various section of the industry. Pay rolls increased relatively more than employment, having previously declined relatively further. The rise in pay rolls from July to August was 17 percent, and the volume in the latter month was more than double the low amount reached last March, although the index was at only 29 percent of the 1923–25 average.

Southern pine production increased further in August, continuing the steady rise begun last March. In late August and early September, however, a recession in the mounting rate of output took place. August production was almost a half greater than in this month a year ago. Shipments have declined and in the week ending September 9 were 13 percent under production. New orders declined slightly in August, after falling off rapidly in the 2 previous months from the high peak of the current year which was reached in May. New orders received in August were a fifth less than in this month a year ago. Unfilled orders have declined as shipments have continued in excess of new orders.

	Gene	ral opera	ations	Inde mark	tes of teting		South	ern hare	lwoods	D	ouglas	fir	Sou	thern f	oine	Nous furni	
Year and month	Lum- ber pro- duc- tion, ad- justed ³	Em- ploy- ment, ad- justed ¹	Pay rolls, unad- justed	Total forest prod- ucts	Naval stores	Car- load- ings, forest prod- ucts ²	Pro- duc- tion	New orders	Un- filled orders	Pro- duc- tion ²	New orders ²	Un- filled orders, end of month	' tion	New orders	Un- filled orders	Ship- ments	Un- filled orders, end of month
	N	fonthly :	average 1	923-25=1	00	Thou- sands of cars			M	illions of	feet, bos	ard measu	ırə			Nur da produ	ys'
1930: August 1931: August	59 38	65. 1 51. 1	61. 6 41. 3	64.7 64.3	$171.2 \\ 141.5$	41, 4 27, 6	165 101	139 131	500 375	41.4 34.4	44.6 37.7	134. 7 111. 0	202 120	189 151	124 83	18 16	24 20
1932: August September October November December	23 23 24 21 23	35.7 36.6 37.6 37.3 36.8	$19. \ 3 \\ 20. \ 9 \\ 22. \ 4 \\ 20. \ 9 \\ 18. \ 8$	$54.8 \\ 51.5 \\ 55.9 \\ 51.3 \\ 46.9$	$ \begin{array}{r} 107.4 \\ 89.4 \\ 78.4 \\ 77.2 \\ 70.3 \end{array} $	15.517.118.916.013.2	59 68 68 68 68 49	$114 \\ 154 \\ 113 \\ 101 \\ 68$	$265 \\ 275 \\ 256 \\ 246 \\ 252$	$\begin{array}{c} 22.\ 5\\ 24.\ 1\\ 22.\ 7\\ 21.\ 1\\ 16.\ 4 \end{array}$	29. 2 38. 4 22. 5 23. 7 21. 2	81.0 119.1 76.1 81.9 85.1	91 80 113 99 75	$ \begin{array}{r} 149 \\ 134 \\ 144 \\ 91 \\ 68 \end{array} $	80 82 75 50 44	9 12 12 9 6	$ \begin{array}{c} 10 \\ 11 \\ 9 \\ 7 \\ 6 \end{array} $
1933: February March April June July August. Monthly average, Jan-	20 22 24 30 38 46 46 46	35. 0 34. 4 32. 5 33. 3 35. 7 40. 0 43. 8 46. 6	16. 3 16. 3 14. 3 15. 6 18. 0 21. 7 24. 6 28. 9	$50.8 \\ 50.8 \\ 54.4 \\ 57.3 \\ 63.0 \\ 65.0 \\ 65.2 \\$	31. 7 23. 0 32. 9 69. 4 122. 2 134. 6 135. 3 125. 3	13. 7 13. 7 14. 6 17. 2 20. 8 25. 1 26. 8 27. 2	60 60 64 71 135	79 90 98 146 	238 230 226 247 	23. 4 24. 4 21. 1 28. 8 34. 4 35. 0 49. 0 37. 7	26. 4 24. 3 28. 3 33. 6 57. 3 49. 5 38. 6 24. 5	120. 9 109. 7 107. 9 120. 4 195. 2 203. 7 218. 9 105. 6	85 78 87 89 116 121 126 133	96 76 113 113 180 159 120 118	57 55 64 67 92 88 81 71	6 7 5 6 6 6 6 10	7 5 5 7 11 17
uary through Aúgust: 1931 1932 1933	46 25 32	54.6 39.7 37.7	44. 3 22. 7 19. 5		106. 9 72. 0 84. 3	31. 5 17. 8 20. 0				43. 1 23. 2 31. 7	46. 8 26. 6 35. 3	169. 0 82. 4 147. 8	146 93 104	163 113 122	98 63 72	• 13 • 9 • 7	• 17 • 10 • 8

FOREST PRODUCTS STATISTICS

Adjusted for seasonal variation.

³ Weekly average.

* Grand Rapids district.

Monthly average.

Iron and Steel Industry

STEEL-mill activity declined steadily throughout August, and the movement was accelerated in the first half of September. By the middle of the month operations receded to around 40 percent of capacity, a level which erased more than one third the gains from March to the high point of late July. The rate of incoming business from all major consumers has been slow. Unfilled orders of the United States Steel Corporation at the end of August, amounting to 1,890,000 tons, were the lowest since last April and were 80,000 tons less than the backlog reported a year ago.

According to the Federal Reserve Board's index, iron and steel production during August declined 20 percent below output in July. The index was $3\frac{1}{2}$ times the figure reported for last August, however, and general operations so far this year were 63 percent higher than during the similar months of 1932. Despite the decline in output, a 10-percent gain took place in number of workers employed in the industry during August. The increase over the low point of last March amounted to 52 percent. The pay-roll total advanced 24 percent above July and was over $2\frac{1}{2}$ times the amount paid labor last March.

Steel-mill activity dropped 10 points to 49 percent of capacity during August. Operations were at 15 percent of capacity in the same month a year ago, 31 percent in 1931, and 59 percent in 1930. Steel-ingot production in the first 8 months of 1933 amounted to 15,094,000 tons, as compared to 9,351,000 tons in the same months of 1932 and 13,323,000 tons for the entire year of 1932.

Excepting the total reported last May, iron and steel exports in August aggregated the largest tonnage since October 1930. Shipments were more than 3½ times exports in the corresponding month of last year. The decline in imports from the high level reported for the previous month was slight. The combined tonnage for July and August comprised two fifths of the total incoming shipments during the first 8 months of the year.

In the fifth successive monthly gain, pig-iron production for August reached 1,833,000 tons, the highest level since May 1931. A year ago output was less than one third as large. Eight furnaces were banked during the month, the first decrease in the active number since March. Total production for the first 8 months of the year was 29 percent higher than during the similar months of 1932 but remained 42 percent under the like period of 1931.

The slackening in demand has been reflected in the price of scrap, which in the third week of September fell below \$10 a ton at Chicago. Quotations for most iron and steel products were advanced subsequent to the adoption of the iron and steel code of fair competition on August 19.

<u> </u>	Genera	al opera	tions	Iron st	and eel	Pig	iron	Ste ingo			teel eets ?		Man- ganese		Pi	ices	
Year and month	Produc- tion, ad- justed 1	Em- ploy- ment, ad- justed ¹	Pay rolls, unad- justed	Ex- ports	Im- ports	Pro- duc- tion	Fur- naces in blast	Pro- duc- tion	Per- cent of ca- pac- ity	New or- ders	Ship- ments	Corpo- ration, un- filled orders, end of month	ports (man- ganese	Iron and steel, com- posite	Steel billets, Besse- mer (Pitts- burgh)	scrap (Chi-	Finished steel, com- posite
	Mont 192	hly aver 23-25=10	age, O	Tho	isands tons	of long	Num- ber	Thou- sands of long tons	Per- cent		sands of t tons	Thous: long		Dolla	rs per loi	ng ton	Dollars per 100 pounds
1930: August 1931: August 1932:	90 50	83. 9 70. 3	77.5 50.6	151 73	35 30	2, 524 1, 281	139 76	3, 061 1, 717	59 31	149 123	206 152	3, 580 3, 169	8 22	33.01 31.05	31.00 29.00	12, 13 8, 38	2. 26 2. 19
August September October November December	23 28 31 31 27	50. 6 51. 3 53. 2 53. 8 52. 8	$\begin{array}{c} 22.1\\ 23.4\\ 26.2\\ 25.6\\ 24.2 \end{array}$	33 36 41 56 54	24 29 34 35 29	531 593 645 631 546	42 47 49 51 42	847 992 1,087 1,032 861	15 18 19 18 15	66 79 95 66 77	61 75 92 77 67	1, 970 1, 985 1, 997 1, 968 1, 968	3 0 0 1 0	29. 33 29. 32 29. 32 29. 12 28. 93	26.00 26.00 26.00 26.00 26.00 26.00	5.75 6.25 6.00 5.93 5.25	2. 17 2. 16 2. 16 2. 15 2. 14
January February March April June June July August Monthly average, January	21 35 49 72	50. 6 51. 4 48. 3 50. 0 52. 5 58. 1 66. 3 73. 2	22. 7 24. 7 22. 4 24. 4 29. 5 36. 2 42. 4 52. 7	57 64 81 100 123 103 88 119	22 20 22 28 26 34 53 47	569 554 542 624 887 1, 265 1, 792 1, 833	45 45 38 48 63 90 106 9 8	1,030 1,087 910 1,363 2,002 2,598 3,204 2,901	18 21 16 25 34 46 59 49	76 81 83 119 144 247 174 159	79 73 75 100 119 153 174 174	1,899 1,854 1,841 1,865 1,930 2,107 2,020 1,890	0 2 3 2 6 4 4	28. 69 28. 31 28. 35 28. 16 28. 45 28. 73 29. 81 30. 04	26,00 26,00 26,00 26,00 26,00 26,00 26,00 26,00	5. 25 5. 25 5. 25 6. 00 8. 45 8. 91 10. 41 10. 45	2. 12 2. 10 2. 06 2. 08 2. 09 2. 17 2. 17
through August: 1931. 1932. 1933.	66 32 52	74.5 57.5 56.3	61. 8 30. 2 31. 9	90 51 92	38 31 32	1, 731 784 1, 008	99 54 67	2, 396 1, 169 1, 887	44 21 34	170 93 135	181 98 118	3, 708 2. 268 1. 926	23 6 3	31, 39 29, 61 28, 82	29. 56 26. 78 26. 00	9.36 6.44 7.50	2. 21 2. 16 2. 11

IRON AND STEEL STATISTICS

¹ Adjusted for seasonal variation.

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Textile Industry

A FURTHER slackening in production in the textile industry occurred in August, and the adjusted index of the Federal Reserve Board dropped 12 percent as compared with July. The recession in the past 2 months has been from a record level, and output last month was substantially in excess of production in any August since 1929. The effects of the operations of the codes of fair competition adopted under the N.R.A. program are reflected in the continued gains in employment and pay rolls in August, despite the decline in production. Thus, the adjusted employment index advanced a little more than 1 percent, and the pay-roll index increased 14 percent.

Prices of textile products continued their rapid advance in August and the first half of September. At wholesale, the rise in textile products as a group in August was 9.7 percent and for cotton goods alone it amounted to 17 percent. The latter index was within 7 percent of the 1926 average. Woolen and worsted goods, which were up 9 percent, were only 21 percent below the 1926 figure.

Raw cotton consumption per working day, in August averaged 21,799 running bales, compared with 24,006 in July and 14,911 in August 1932. In June last, the daily rate reached 26,787 bales. Fewer spindles were operated during August than in July, and the rate of operations was at 107 percent of capacity on a single shift basis, compared with 118 in July and 72 in August 1932. These capacity figures are reported on the same basis as in the past, and the August figures do not take into consideration the limitation of the 40hour work week and the 80-hour machine week provided in the cotton-textile code.

Wool consumption in August decreased 10 percent on a daily average basis, but was about one third greater than in 1932. Machine activity in all branches of the industry, excepting broad carpet looms was lower in August. Woolen spindles were operated at normal capacity, a reduction of about 8 percent from the July figure. Worsted spindle activity dropped from 96 to 83 percent. Narrow and wide looms were less active, the former dropping from 54 percent of capacity to 51 percent and the latter from 97 percent to 87 percent. Carpet and rug loom activity changed only slightly. The capacity figures are reported on the same basis as in the past, but the Census Bureau also reported for August the percentages on the basis of the 40-hour and $5\frac{1}{2}$ -day week provided by the code. Stated on this basis, the ratios of production to capacity are naturally much higher.

Raw silk deliveries to mills were lower for the second successive month and were 29 percent less than a year ago when takings were exceptionally high. Machine activity declined after the sharp spurt in July, although operations were considerably greater than in August of last year. Raw silk prices dropped sharply in August, while prices of finished goods were advanced.

	ad-	Cotton, raw	Cotto	n and I	nanufa	ctures	Wool	Woo	l man	ufactı	ires	price, worsted			Sük		
	n index ited ¹	consump- tion	ctivity,	Cottor finist	n cloth ning ²	price, oods	tion ³	Spin1 spin	ning dles	Loo	ms	ale pr and wo	o mills	Operat er	ions, m y activi	achin- ty	price, anese, York)
Year and month	Production index, justed ¹	Mill cons tion	Spindle activity, total	Produc- tion	Stocks, end of month	Wholesale price, cotton goods	Consumption	Woolen	Worsted	Narrow	Wide	W h o l e s woolen 2 goods	Deliveries to	Broad looms	Narrow Jooms	Spinning spindles	Wholesale price, raw, Japanese, 13-15(NewYork)
	Month- ly av- erage, 1923-25= 100	Run- ning bales	Mil- lions of spindle hours	Thous ya	ands of rds	Month- ly av- erage, 1926= 100	Thou- sands of pounds	4 4		ictive h reporte		Month- ly av- erage, 1926= 100	Bales of 133 pounds)	t of activ to total	e hours	Dollars per pound
1930: August 1931: August	80 99	352, 626 425, 030	5, 107 6, 198	42, 185 65, 983	70, 395 71, 615	81. 1 64. 0	33, 761 51, 140	48 66	55 78	43 45	44 70	77.8 67.4	41, 734 46, 454	73.1 79.4	36. 9 38. 2	49. 1 48. 7	$2.955 \\ 2.512$
1932: August September October November December	92	402, 601 491, 655 502, 244 503, 722 440, 062	5, 539 6, 866 7, 046 6, 967 6, 386	64, 480 87, 988 87, 956 69, 515 79, 175	62, 547 59, 040 66, 633 74, 850 81, 933	52. 6 57. 9 56. 2 53. 6 51. 7	41, 361 46, 055 42, 423 38, 963 36, 532	59 70 73 60 55	57 74 73 58 57	26 36 43 42 33	60 65 66 59 58	53. 4 56. 7 56. 5 55. 3 54. 2	59, 905 59, 694 53, 703 43, 955 40, 548	67. 6 83. 7 84. 5 76. 2 83. 2	$38.3 \\ 43.6 \\ 46.8 \\ 45.3 \\ 34.2$	50.2 62.0 61.9 52.2 55.5	$1.647 \\ 1.805 \\ 1.673 \\ 1.562 \\ 1.550$
1933: January February April May June July August Monthly average, Janu-	85 106 133	471, 202 441, 663 494, 167 470, 685 620, 909 696, 472 600, 143 588, 570	6, 788 6, 286 7, 048 6, 569 8, 310 9, 299 8, 128 7, 942	88, 300 93, 773 95, 746 74, 463 88, 278 100, 479 90, 106	80, 097 82, 272 80, 446 80, 765 81, 740 75, 395 72, 909	50. 1 49. 1 50. 0 50. 7 57. 9 67. 1 80. 2 93. 5	$\begin{array}{c} 35,510\\ 33,278\\ 24,943\\ 28,701\\ 46,898\\ 58,688\\ 57,377\\ 55,694 \end{array}$	59 60 42 53 77 100 108 99	56 57 32 35 72 92 96 83	36 36 28 29 46 53 54 51	59 68 43 42 66 87 97 87	53. 4 53. 2 53. 2 53. 3 61. 5 68. 8 72. 3 78. 9	46, 204 32, 665 38, 934 41, 910 47, 151 53, 627 44, 597 42, 852	89.7 80.6 56.6 59.2 75.4 74.8 82.9	37. 2 36. 8 36. 3 42. 2 46. 0 53. 0 53. 2	56. 8 48. 9 38. 2 49. 8 52. 3 62. 8 78. 4	1. 305 1. 201 1. 182 1. 324 1. 586 2. 155 2. 273 1. 881
ary through August: 1931 1932 1933	96	459, 734 384, 937 547, 976	6, 588 5, 373 7, 546	70, 801 62, 176	70, 802 75, 869	69.8 53.8 62.3	44, 520 27, 694 42, 636	$ \begin{array}{c} 60 \\ 42 \\ 95 \end{array} $	65 42 65	39 21 42	59 44 69	69. 9 58. 6 61. 8	48, 166 44, 490 43, 493	85. 4 59. 5	42. 5 41. 9	51. 3 40. 8	2. 494 1. 523 1. 613

TEXTILE STATISTICS

¹ Adjusted for seasonal variation.

¹ Printed only (mill and outside).

* Grease equivalent.

BUSINESS ACTIVITY (ANNALIST)¹

					<u> </u>		1						1
Year and month	Com- bined index	Auto- mobile produc- tion	Boot and shoe produc- tion	Car load- ings, freight	Cement produc- tion	Cotton con- sump- tion	Electric power produc- tion	Lumber produc- tion	Pig-iron produc- tion	Silk con- sump- tion	Steel- ingot produc- tion	Wool con- sump- tion	Zinc produc- tion
					(COMPUT	ED NOR	MAL = 100)				
1920, monthly average	105. 5 82. 4 96. 5 109. 5 99. 7 106. 9 109. 3 106. 5 107. 8	$102.3 \\ 60.4 \\ 89.4 \\ 131.0 \\ 107.4 \\ 116.9 \\ 108.4 \\ 82.9 \\ 110.0 \\ 110.0 \\ 100.4 \\ 110.0 \\ 100.4 \\$	95. 4 88. 5 100. 0 108. 0 95. 8 99. 9 99. 7 105. 4 105. 5	106. 1 89. 0 95. 9 105. 7 99. 9 104. 2 108. 8 105. 1 104. 9	86. 7 90. 6 109. 9 115. 0 121. 4 119. 3 122. 8 122. 0	96. 6 89. 9 100. 4 106. 3 89. 1 104. 6 107. 7 118. 8 104. 6	105. 290. 396. 0102. 398. 7100. 8103. 1102. 4102. 2	$107. \ 4 \\ 89. \ 2 \\ 108. \ 8 \\ 126. \ 1 \\ 121. \ 5 \\ 129. \ 6 \\ 131. \ 2 \\ 127. \ 5 \\ 133. \ 9 \\ 133. \ 9$	$121.8 \\ 54.6 \\ 87.3 \\ 128.3 \\ 98.0 \\ 113.9 \\ 120.8 \\ 110.4 \\ 113.9 \\ 120.8 \\ 110.4 \\ 113.9 \\ 120.8 \\ 110.4 \\ 113.9 \\ 100.4 \\ 110.4 \\$	² 74. 3 101. 1 105. 3 94. 5 89. 0 114. 2 106. 8 110. 5 107. 8	$120. 1 \\ 54. 6 \\ 97. 5 \\ 118. 6 \\ 96. 5 \\ 114. 0 \\ 118. 3 \\ 106. 4 \\ 120. 2$	88. 8 99. 2 120. 7 118. 8 98. 6 97. 4 94. 4 102. 2 99. 6	115. 1 50. 0 84. 6 115. 8 112. 9 121. 8 127. 7 119. 4 117. 0
1929 January February March April May June	112. 9 112. 4 111. 9 115. 0 115. 7 116. 6	$145.8 \\ 142.8 \\ 142.7 \\ 141.8 \\ 137.8 \\ 144.9$	107. 2 106. 5 107. 0 109. 0 118. 4 116. 2	105. 6 109. 0 105. 5 112. 0 110. 9 110. 1	130. 2 119. 5 107. 4 117. 2 110. 6 119. 9	118.5 114.9 115.1 118.3 121.3 112.2	103. 5 104. 1 104. 2 105. 1 105. 3 106. 0	143. 8 139. 2 139. 8 145. 9 139. 9 139. 9	126. 4 122. 9 121. 4 120. 8 126. 8 131. 9	111. 9 102. 3 105. 8 115. 6 106. 1 110. 2	122. 8 121. 9 124. 7 126. 6 135. 4 145. 8	109. 4 103. 7 102. 7 110. 0 107. 6 107. 7	104. 8 108. 0 112. 9 119. 5 121. 6 120. 8
July. Angust September October. November December	116. 7 115. 6 115. 0 113. 4 106. 0 101. 2	$\begin{array}{c} 137.\ 4\\ 124.\ 1\\ 123.\ 2\\ 121.\ 8\\ 104.\ 7\\ 72.\ 5\end{array}$	115. 2 115. 7 115. 4 114. 9 106. 3 96. 7	110. 4110. 1110. 1106. 299. 9100. 2	117.9 117.1 119.5 113.0 112.1 121.4	112. 4 107. 6 111. 2 116. 7 100. 8 92. 3	$105.9 \\ 107.0 \\ 105.8 \\ 105.4 \\ 104.2 \\ 103.9$	142, 2 141, 2 139, 5 140, 5 139, 3 139, 3	134.3 133.5 131.4 130.9 121.4 106.8	111. 9 115. 1 113. 0 118. 2 109. 4 107. 7	$144.\ 6\\138.\ 4\\138.\ 5\\125.\ 2\\106.\ 3\\95.\ 3$	119. 3 120. 2 116. 8 120. 1 98. 9 87. 4	124, 6 129, 3 123, 3 122, 6 108, 7 100, 9
Monthly average	112.7	128.3	110.7	107.5	117.2	111.8	105.0	140.9	125. 7	110. 6	127.1	108.7	116. 4
1930 January February Mareh April May June	102. 1 102. 5 100. 5 101. 8 98. 5 97. 1	99. 1 101. 4 96. 9 101. 1 95. 6 88. 4	103. 9 99. 6 99. 2 106. 7 97. 7 98. 0	99. 8 100. 4 96. 7 100. 6 98. 0 95. 6	109. 6 111. 9 118. 3 112. 8 115. 5 120. 4	99. 9 93. 1 90. 9 98. 1 82. 9 83. 0	102. 5 101. 1 101. 4 101. 9 101. 5 101. 5	118. 4 132. 2 131. 4 127. 6 119. 9 108. 0	102. 5 107. 4 104. 7 103. 6 103. 8 102. 8	$106.7 \\ 104.6 \\ 102.4 \\ 84.7 \\ 83.6 \\ 63.6 \\ $	100. 8 111. 1 101. 4 102. 7 99. 7 99. 4	$\begin{array}{r} 88.\ 0\\ 82.\ 6\\ 79.\ 6\\ 83.\ 6\\ 73.\ 1\\ 81.\ 6\end{array}$	106. 1 99. 1 100. 5 93. 8 92. 4 97. 2
July Angust. September October November December	$\begin{array}{c} 93.\ 1\\ 90.\ 8\\ 89.\ 6\\ 86.\ 8\\ 84.\ 4\\ 83.\ 9\end{array}$	72.8 58.4 62.7 48.6 67.4 91.3	$\begin{array}{c} 91.9\\ 93.5\\ 93.5\\ 86.0\\ 75.0\\ 74.6\end{array}$	94. 4 92. 4 89. 5 87. 5 83. 5 83. 4	114. 1114. 1105. 195. 290. 386. 3	81. 4 73. 6 78. 4 79. 0 78. 2 77. 6	100. 1 99. 8 97. 5 96. 9 97. 1 95. 6	95.8 90.6 83.6 81.0 69.9 74.0	92.5 88.6 84.5 78.0 70.4 61.5	$\begin{array}{r} 82.1 \\ 79.4 \\ 107.6 \\ 120.9 \\ 122.7 \\ 123.5 \end{array}$	85. 2 87. 1 81. 7 72. 7 67. 9 61. 1	$\begin{array}{c} 86.8 \\ 79.1 \\ 84.9 \\ 82.1 \\ 68.3 \\ 66.3 \end{array}$	89. 6 91. 4 92. 6 89. 3 70. 1 68. 2
Monthly average	94. 3	82.0	93.3	93. 5	107.8	84.7	99.7	102.7	91.7	98.5	89.2	79.7	90.9
1931 January February March April June	81. 4 83. 1 85. 1 86. 4 85. 1 82. 6	62. 6 67. 7 67. 4 76. 8 75. 3 63. 8	$\begin{array}{r} 77.\ 6\\92.\ 5\\102.\ 0\\109.\ 9\\116.\ 4\\108.\ 8\end{array}$	82. 4 81. 0 80. 3 82. 5 79. 4 76. 9	83. 2 79. 5 84. 0 91. 8 95. 5 92. 8	78.0 82.1 87.5 91.7 84.1 88.7	93. 6 94. 1 96. 3 96. 6 97. 0 96. 0	75. 9 74. 6 78. 0 77. 5 76. 6 72. 4	$\begin{array}{c} 61.\ 3\\ 63.\ 8\\ 64.\ 7\\ 64.\ 9\\ 63.\ 2\\ 56.\ 7\end{array}$	96. 2 108. 6 108. 3 83. 0 96. 2 88. 6	65. 6 68. 6 71. 9 67. 7 64. 9 58. 2	67. 3 83. 4 88. 9 111. 2 110. 1 112. 4	64. 5 63. 9 62. 9 59. 5 52. 1 51. 8
July August September October November December	$\begin{array}{c} 83.\ 1\\ 78.\ 9\\ 76.\ 3\\ 72.\ 6\\ 72.\ 2\\ 72.\ 1\end{array}$	59. 6 49. 4 40. 4 26. 2 33. 4 59. 7	$108.7 \\ 109.4 \\ 99.6 \\ 78.5 \\ 75.8 \\ 85.2$	$77.1 \\73.7 \\70.2 \\70.8 \\68.6 \\68.4$	90, 9 84, 9 77, 2 69, 7 65, 0 59, 6	97.6 89.4 92.0 81.3 80.0 79.2	97. 9 96. 1 94. 3 92. 4 92. 8 91. 6	64. 6 59. 3 55. 4 53. 3 44. 3 45. 3	$50.7 \\ 44.4 \\ 42.9 \\ 41.8 \\ 41.1 \\ 36.0$	88. 8 85. 7 98. 3 100. 8 98. 6 98. 9	53. 8 47. 8 43. 5 42. 0 47. 8 39. 3	$132. \ 3 \\ 117. \ 2 \\ 103. \ 3 \\ 83. \ 7 \\ 76. \ 8 \\ 69. \ 1$	47. 2 46. 6 47. 5 45. 8 43. 5 44. 6
Monthly average	79.9	56.9	97.0	75.9	81.2	86.0	94.9	64.8	52.6	96.0	55.9	96.3	52.5
1932 January February March April June	$\begin{array}{c} 70.1 \\ 68.1 \\ 66.7 \\ 63.2 \\ 60.9 \\ 60.4 \end{array}$	43. 7 33. 5 27. 4 32. 7 43. 0 47. 3	86. 9 95. 8 102. 6 94. 3 90. 9 91. 2	$\begin{array}{c} 65.5\\ 64.4\\ 62.6\\ 60.7\\ 53.4\\ 52.2 \end{array}$	$\begin{array}{c} 64.\ 6\\ 50.\ 0\\ 47.\ 2\\ 43.\ 8\\ 46.\ 2\\ 51.\ 0\end{array}$	77. 2 78. 9 80. 7 62. 5 61. 5 63. 6	90. 4 88. 4 87. 5 86. 2 84. 5 83. 5	41. 2 37. 3 41. 7 44. 0 44. 0 40. 7	34. 4 34. 4 30. 5 27. 1 24. 6 21. 5	101. 8 83. 0 83. 9 68. 4 66. 8 74. 5	39. 4 37. 5 31. 8 30. 2 28. 0 24. 4	72. 4 73. 1 61. 8 45. 9 40. 3 46. 2	43. 2 43. 4 42. 7 41. 3 37. 1 35. 7
July August September October November December	$59.7 \\ 61.3 \\ 65.2 \\ 65.4 \\ 64.7 \\ 64.8 $	$\begin{array}{c} 31.\ 6\\ 24.\ 6\\ 25.\ 4\\ 17.\ 5\\ 28.\ 2\\ 52.\ 8\end{array}$	88. 4 96. 6 107. 6 106. 7 100. 3 88. 8	$50.9 \\ 51.0 \\ 54.6 \\ 58.4 \\ 57.6 \\ 58.9 $	51.046.351.352.346.941.5	63, 5 83, 3 98, 6 92, 4 90, 3 84, 2	84. 7 82. 8 84. 2 85. 4 85. 2 84. 7	38. 6 36. 4 35. 9 39. 3 34. 6 37. 0	19.6 18.2 21.5 22.7 23.2 19.8	74. 8 102. 6 104. 8 95. 0 78. 5 78. 5	23. 4 22. 2 27. 3 29. 2 29. 2 29. 2 25. 5	66, 3 88, 8 97, 3 86, 5 83, 0 82, 5	32. 0 28. 9 28. 8 31. 5 33. 3 36. 7
Monthly average	64. 2	34.0	95.8	57.5	49.3	78.1	85.6	39. 2	24.8	84.4	29.0	70.3	36.2

¹ Compiled by *The Annalist*, and represent a revision of the indexes previously shown in the *Survey of Current Business*, due to changes in the component series and to the adjustment factors used. Three new series—lumber production, cement production, and silk consumption—have been added and the bituminous-coal production series dropped on the theory that coal production is adequately represented in the freight-car loadings. The indexes are adjusted for seasonal variations and secular, or long-term, trend, and no radical change in the method of calculation was made in preparing the revised figures. However, the allowance for long-term trend has been considerably modified and this accounts for the major part of the difference between the old and the new series. For most series, the long-term trend is based on the period 1921-31, and for the others, methods have been used which seem more appropriate to the individual series. Owing to the difficulty of obtaining satisfactory trend lines for car loadings and electric-power production, a horizontal trend has been used for each of these on the assumption that the trend of the former is probably downward and of the latter probably upward, and this represented a reasonable compromise for the time being. The computed normal used as a base for each of the individual series and the combined index are as dollows: Automobile production, 10; boot-and-shoe production, 2; carloadings, 20; cement production, 3; cotton consumption, 8; electric-power production, 15; lumber production, 7; pig-iron production, 10; silk consumption, 2; steel-ingot production, 15; wool consumption, 3; and zinc production, 5. The combined index and the component series are available by months, from 1920 to date. The indexes for 1919 were not revised. For a description of the index see *The Annalist* of Aug. 18, 1933, p. 213. For 1933 indexes see p. 22.

October 1933

MAGAZINE ADVERTISING¹

[Lines]

Month	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922
January February March April May June	1, 435, 838 1, 629, 642 1, 823, 611 1, 987, 134 1, 897, 104 1, 703, 758	1, 409, 648 1, 665, 868 1, 795, 865 2, 000, 940 1, 894, 771 1, 730, 612	1, 252, 481 1, 496, 434 1, 724, 914 1, 872, 987 1, 877, 061 1, 752, 286	1, 139, 462 1, 343, 944 1, 455, 904 1, 552, 194 1, 622, 952 1, 498, 184	$\begin{array}{c} 1,174,969\\ 1,528,809\\ 1,733,536\\ 1,882,663\\ 1,959,283\\ 1,761,548 \end{array}$	1, 405, 270 1, 720, 540 1, 947, 356 2, 165, 733 2, 088, 749 1, 822, 203	$\begin{array}{c} 1,354,734\\ 1,470,552\\ 1,642,601\\ 1,913,793\\ 1,866,958\\ 1,718,034 \end{array}$	$\begin{array}{c} 1,162,510\\ 1,467,302\\ 1,880,435\\ 2,347,575\\ 2,411,993\\ 2,406,522 \end{array}$	$\begin{array}{c} 2,160,137\\ 2,807,207\\ 2,995,024\\ 3,215,741\\ 3,256,766\\ 3,047,604 \end{array}$	1, 979, 249 1, 981, 291 2, 005, 167 2, 099, 191 2, 144, 671 1, 933, 275	1, 631, 750 1, 768, 028 1, 921, 621 2, 170, 968 2, 215, 293 2, 046, 132
July August September October November December	$\begin{array}{c} 1, 369, 385\\ 1, 105, 213\\ 1, 436, 690\\ 1, 756, 023\\ 1, 820, 874\\ 1, 852, 915 \end{array}$	$\begin{array}{c} 1,309,817\\ 1,054,290\\ 1,258,104\\ 1,634,929\\ 1,734,027\\ 1,765,314 \end{array}$	1, 315, 944 1, 069, 375 1, 361, 516 1, 534, 259 1, 544, 733 1, 488, 024	$\begin{array}{c} \textbf{1, 208, 551} \\ \textbf{1, 021, 796} \\ \textbf{1, 250, 437} \\ \textbf{1, 534, 563} \\ \textbf{1, 632, 246} \\ \textbf{1, 619, 397} \end{array}$	1, 403, 810 1, 283, 986 1, 521, 028 1, 938, 916 1, 921, 959 1, 914, 562	$\begin{array}{c} 1,506,897\\ 1,214,126\\ 1,494,775\\ 1,989,396\\ 2,000,867\\ 1,903,211 \end{array}$	$\begin{matrix} 1,421,786\\ 1,156,649\\ 1,419,515\\ 1,606,580\\ 1,529,257\\ 1,465,747\end{matrix}$	1, 959, 037 1, 805, 792 2, 341, 320 2, 717, 922 2, 534, 074 2, 667, 238	2, 399, 948 2, 381, 858 2, 691, 088 3, 026, 534 3, 016, 018 2, 638, 795	1, 573, 175 1, 401, 826 1, 619, 584 1, 824, 412 1, 903, 435 1, 807, 221	1, 704, 874 1, 566, 483 1, 939, 668 2, 469, 976 2, 465, 843 2, 463, 876
Monthly average	1, 651, 516	1, 604, 515	1, 524, 168	1, 406, 636	1, 668, 756	1, 771, 594	1, 547, 184	2, 141, 810	2, 803, 060	1, 856, 041	2, 030, 376
	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933
January February March April May June	2, 093, 411 2, 301, 288 2, 557, 246 2, 963, 019 2, 850, 232 2, 632, 146	2, 281, 011 2, 556, 591 2, 914, 521 3, 272, 572 2, 987, 535 2, 830, 240	2, 110, 560 2, 513, 497 2, 711, 665 2, 950, 971 2, 854, 374 2, 635, 149	2, 384, 999 2, 853, 890 3, 029, 967 3, 343, 206 3, 236, 393 3, 023, 694	2, 536, 247 3, 004, 951 3, 254, 644 3, 496, 875 3, 576, 709 3, 011, 586	2, 447, 155 2, 845, 901 3, 211, 817 3, 674, 805 3, 434, 551 3, 061, 246	2, 684, 276 3, 157, 510 3, 601, 160 4, 082, 178 3, 874, 541 3, 546, 737	$\begin{array}{c} 2, 504, 841\\ 3, 024, 207\\ 3, 416, 431\\ 3, 876, 673\\ 3, 639, 205\\ 3, 353, 710 \end{array}$	2,001,124 2,539,239 2,761,808 3,025,502 2,971,297 2,731,721	1, 570, 472 1, 999, 802 2, 183, 751 2, 348, 250 2, 278, 400 1, 902, 775	1, 116, 439 1, 489, 895 1, 630, 305 1, 728, 950 1, 731, 819 1, 543, 950
July August September October November December	2, 149, 905 1, 864, 105 2, 277, 427 2, 872, 981 2, 899, 773 2, 773, 174	2,017,005 1,819,416 2,242,103 2,778,662 2,899,629 2,841,016	2,068,126 1,878,180 2,485,205 3,062,102 3,244,009 2,960,382	2, 368, 436 2, 180, 641 2, 830, 949 3, 443, 713 3, 585, 614 3, 209, 066	2, 420, 190 2, 229, 168 2, 761, 991 3, 411, 196 3, 573, 192 3, 175, 743	2, 583, 001 2, 157, 599 2, 804, 619 3, 498, 654 3, 486, 316 3, 172, 360	2, 864, 155 2, 430, 431 3, 162, 367 3, 760, 385 3, 827, 797 3, 614, 508	2, 451, 411 2, 056, 987 2, 598, 258 3, 021, 170 3, 041, 655 2, 819, 871	1, 997, 645 1, 712, 773 2, 068, 545 2, 479, 668 2, 443, 869 2, 169, 909	1,754,046	1, 271, 809 1, 184, 330
Monthly average	2, 519, 559	2, 620, 025	2, 622, 852	2, 957, 547	3,037,708	3,031,502	3, 383, 837	2,983,702	2,408,592	1, 763, 465	

¹ Compiled from *Printers Ink* and represent a revision of the statistics previously shown. In the past it has been the practice to carry identical magazines in the summary for 4-year periods, a method which established the trend through 1929 but which has not worked out satisfactorily since, owing to additions to the list of magazines in the comparative 4-year summary until in 1933 all magazines included in the *Printers Ink* tabulation were in the comparative table. In order to make the series comparable over the entire period, all of the magazine linage reported by *Printers Ink* has been added for each month. Thus, the series does not represent linage in identical magazines (which over the period shown would not afford a correct picture owing to new magazines and shifts in advertising preference) but it is regarded by *Printers Ink* and leading advertisers as a correct measure of the trend of total advertising effort. It is estimated that these figures represent 80 to 85 percent of the total magazine advertising over the period shown. Canadian magazines, which were formerly included, have been excluded from the present series.

COMMERCIAL FAILURES IN CANADA¹

[NUMBER]

Month	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933
January	$\begin{array}{c} 374\\ 340\\ 340\\ 245\\ 309\\ 288\\ 300\\ 272\\ 332\\ 364\\ 410\\ 351\end{array}$	387 355 368 324 291 271 149 242 320 200 200 259 242	$\begin{array}{c} 291\\ 260\\ 223\\ 180\\ 179\\ 147\\ 155\\ 129\\ 153\\ 184\\ 219\\ 199\end{array}$	$\begin{array}{c} 270\\ 162\\ 198\\ 162\\ 160\\ 145\\ 131\\ 134\\ 151\\ 143\\ 163\\ 163\\ 177\\ 177\\ \end{array}$	$184 \\ 144 \\ 136 \\ 131 \\ 124 \\ 145 \\ 140 \\ 121 \\ 132 \\ 180 \\ 165 \\ 171 \\$	192 143 164 130 131 138 121 147 128 184 187 176	197 188 164 138 148 133 139 142 165 200 193 230	269 197 180 174 185 148 149 138 151 176 176 224	261 205 201 194 166 178 169 159 192 216 222 239	$\begin{array}{c} 240 \\ 188 \\ 178 \\ 175 \\ 163 \\ 165 \\ 152 \\ 155 \\ 165 \\ 226 \\ 213 \\ 196 \end{array}$	$\begin{array}{c} 238\\ 221\\ 208\\ 190\\ 204\\ 179\\ 175\\ 188\\ 193\\ 199\\ 229\\ 196\end{array}$	216 214 192 184 175 158
Monthly average	327	284	193	166	148	153	170	181	200	185	202	

¹ Compiled by the *Dominion Bureau of Statistics*. These data are based upon the administration of the Dominion of Canada "Banking and Winding Up Acts" by which all the bankruptcies in Canada have been administered since the year 1922. The figures cover every case of forced bankruptcy or voluntary assignment occurring in Canada and coming into the courts. Private compositions with creditors are not included. These official figures displace the series formerly appearing in the *Survey* on Canadian failures, including Newfoundland, which was compiled by *Bradstreet's* and which has been discontinued.

BATHROOM ACCESSORIES¹

[Number of pieces]

· · · · · · · · · · · · · · · · · · ·			19	32					1933		
Month	Produc- tion	Ship- ments	Stocks end of month	Month	Produc- tion	Ship- ments	Stocks end of month	Month	Produc- tion	Ship- ments	Stocks end of month
January February March April May June June July	289, 643 263, 743 193, 884 228, 093	234, 323 266, 653 262, 818 200, 681 230, 209 236, 787 205, 016	576,005 579,262	August	$240, 584 \\ 295, 734 \\ 187, 794 \\ 165, 401$	180, 446 243, 444 316, 157 192, 849 165, 238 227, 885	553, 600 542, 254 529, 486 521, 537 533, 788 555, 841	January. February. March April. May. June.	121,070 149,477	$143, 991 \\129, 670 \\163, 220 \\144, 612 \\191, 857 \\183, 550$	531, 916 521, 628 389, 392 391, 819 382, 858 379, 683

¹ Compiled by the U.S. Department of Commerce, Bureau of the Census, and represent the production, shipments, and stocks of 12 reporting companies. These data differ from those previously shown in the Survey in that 12 companies are now reporting instead of 18, and represent 94 percent of the industry according to the 1931 Census of Manufactures. Attachable small type accessions are now included in the data. For details see the monthly report of the Census Bureau. This table supersedes the data previously shown in the Survey. For July 1933 and August 1933 data see p. 46 of this issue.

WEEKLY BUSINESS INDICATORS

		1933	8		1932		19	31	19	930			193 3	;		1932	;	19	31	19	930
ITEM	Sept. 23	Sept. 16	Sept. 9	Sept. 24	Sept. 17	Sept. 10	Sept. 26	Sept. 19	Sept. 27	Sept. 20	ITEM	Sept. 23	Sept. 16	Sept. 9	Sept. 24	Sept. 17	Sept. 10	Sept. 26	Sept. 19	Sept. 27	. Sept 20
Business activity: New York Times * # Business Week * ¶ Commodity prices, whole- sale:	61. 5	78. 4 61. 2	79. 8 62. 6	67.9 55.2	66. 7 54. 8	67. 2 55. 5	78.4 72.3	79. 1 71. 5	91. 2 86. 2	91. 4 85. 6	Finance—Continued Banking: Debits, outside N.Y.C.‡. Federal Reserve report- ing member banks:§	66. 4	56.9	64. 7	65.8	57.4	62.9	86.7	93. 0	104. 5	114. 0
Dept. of Labor, 1926=100: Combined index (784) Farm products (67) Food (122) Fisher's index, 1926=100:	59.3 65.9	55.9 65.1	56. 6 65. 0	49.3 62.1	65. 4 49. 2 62. 1	50.4 62.3			 		Time Loans, total ‡ Interest rates:	124. 2 78. 5	123. 9 78. 8	123. 9 78. 3	124. 1 85. 8	123. 7 86. 1	124. 0 86. 5	150, 8 113, 8	152. 1 114. 1	165. 2 135. 3	112. 8 164. 3 135. 1
Combined index (120) Agricultural (30) Nonagricultural (90) Copper, electrolytic	50.8 76.4	50.0 76.2	50.0 75.9	46.4 64.9	46.8 65.4	47.5 65.2	54.8 71.6	55.6 71.9	85.6 80.7	83.6 87.1 80.9 73.9 40.1	Production:	16.2 115.8	14.4 115.8	17, 1 116. 4	34.3 116.6	34.3 117.2	34. 3 118. 0	40.0 106.6	34. 3 105. 2	74. 3 92. 0	
Cotton, middling, spot Iron and steel composite Construction contracts t Distribution: Car loadings Employment: Detroit fac-	75.4	75.4	75.4	1 70:8	70.8	70.8	74.9	75.0	78.7	40. 1 78. 9 99. 4	Automobiles Bituminous coal ‡ Electric power † Lumber× Petroleum ‡	98. 4 84. 0	70.2 99.8 85.6	75.7 95.0 81.7	61.9 89.5 57.1	60.1 88.6 56.4	58.8 85.5 58.7	72, 8 99, 6	70. 9 99. 8	89.1 102.9	74.5 87.3 103.4
Finance: Failures, commercial			62. 7		 126. 5					122. 1		52.6	52.6	55. 3	23, 7 94, 0	19.7 88.3	19. 7 75. 6	36.8 85.1	38. 2 89. 2	78.9 101.0	78.9
Bond prices t Stock prices t					90. 5 62. 5					108. 7 203. 8	Cotton. Wheat	186.2	141.2	99. 6 69. 7	176.9	155.0	104.6	178.1	139.2	220.0	202.7

* Computed normal=100. ‡ Daily average. ¶ Latest week is preliminary. #Index revised. See weekly supplement of June 1, 1933, for explanation. † Weekly average, 1928-30=100. \times Average same week, 1930-32=100. § 1933 indexes are based on reports from 90 cities; earlier data cover 101 cities.

WEEKLY BUSINESS STATISTICS

			USINE	ופ פפ	AIIS	1105					
		1933		19	32	19	31	19	30	19	29
ITEM	Sept. 23	Sept. 16	Sept. 9	Sept. 24	Sept. 17	Sept. 26	Sept. 19	Sept. 27	Sept. 20	Sept. 28	Sept. 21
COMMODITY PRICES, WHOLESALE											
Copper, electrolytic, New Yorkdolls. per lb Cotton, middling, spot, New Yorkdolls. per lb Food index (Bradstreet's)dolls. per lb Iron and steel compositedolls. per ton Wheat, no. 2, hard winter (K.C.)dolls. per bu	0. 088 . 098 1. 92 31. 23	$\begin{array}{r} 0.\ 087 \\ .\ 096 \\ .\ 189 \\ 31.\ 23 \\ .\ 87 \end{array}$	$\begin{array}{r} 0.\ 088\\ .\ 090\\ 1.\ 91\\ 31.\ 23\\ .\ 84 \end{array}$	$\begin{array}{r} 0.\ 060 \\ .\ 074 \\ 1.\ 77 \\ 29.\ 32 \\ .\ 49 \end{array}$	$\begin{array}{c} 0.\ 060\\ .\ 071\\ 1.\ 78\\ 29.\ 32\\ .\ 46\end{array}$	$\begin{array}{r} 0.\ 068 \\ .\ 063 \\ 2.\ 15 \\ 31.\ 02 \\ .\ 43 \end{array}$	0. 071 . 064 2. 19 31. 03 . 45	0.099 .104 2.71 32.56 .77	0. 102 . 109 2. 77 32. 64 . 78	0. 178 . 187 3. 31 36. 44 1. 23	$\begin{array}{r} 0.\ 178 \\ .\ 187 \\ 3.\ 33 \\ 36.\ 52 \\ 1.\ 25 \end{array}$
FINANCE Banking:											
Debits, New York Citymills. of dolls Debits, outside New York Citymills. of dolls Federal Reserve banks:	3, 175 3, 078	2, 573 2, 641	2, 461 2, 500	4, 215 3, 052	3, 211 2, 662	5, 231 4, 018	5, 261 4, 315	6, 157 4, 850	6, 753 5, 285	12, 673 6, 736	$12,028 \\ 7,074$
Reserve bank credit, totalmills. of dolls Bills boughtmills. of dolls Bills discountedmills. of dolls U.S. Government securitiesmills. of dolls	2,388 7 130 2,238	2,357 7 133 2,203	2,330 7 145 2,166	$2,259 \\ 34 \\ 359 \\ 1,852$	2,301 34 402 1,851	$1,315 \\ 243 \\ 310 \\ 738$	1,279 218 263 742	$991 \\ 198 \\ 167 \\ 602$	$1,008 \\ 209 \\ 163 \\ 610$	1,411 264 944 152	1, 413 241 934 178
Federal Reserve reporting member banks: Deposits, net demand mills, of dolls.	10,519 4,502 8,032	10, 558 4, 484	10,380 4,495	10,385 4,572	10, 513 4, 555						
Deposits, timemills. of dollsmills.	5,086 8,560 3,703	7, 984 5, 044 8, 596 3, 773	8, 024 5, 083 8, 538 3, 748	7, 589 4, 689 9, 270 3, 974	$\begin{array}{c} 7, 192 \\ 4, 283 \\ 9, 303 \\ 4, 007 \end{array}$						
Interest rates, call loanspercent Interest rates, time loanspercent Exchange rates, sterling (daily av.)dollars Failures, commercialmumbermulls. of dolls	4, 857 . 75 . 71 4. 79 259 5, 623	4, 823 . 75 . 63 4. 61 275 5, 625	4, 790 . 75 . 75 4. 54 255 5, 652	5, 296 2, 00 1, 50 3, 47 529 5, 660	5,296 2.00 1.50 3.48 515 5,690	1, 50 1, 75 3, 99 483 5, 176	$1.50 \\ 1.50 \\ 4.86 \\ 426 \\ 5,108$	2.00 2.96 4.86 488 4,469	2. 25 3. 25 4. 86 497 4, 481	8, 88 9, 13 4, 85 428 4, 782	8, 38 9, 00 4, 85 360 4, 798
Security markets: Bond sales, N.Y.S.Ethous. of dolls. par value Bond prices, 40 corporate issuesdollars Stock sales, N.Y.S.Ethous. of shares Stock prices (N.Y. Times)dolls. per share Stock prices (421) (Standard Statistics)1926=100 Industrial (351)1926=100 Public utilities (37)	$\begin{array}{c} 82,700\\ 84.64\\ 15,933\\ 87.45\\ 75.8\\ 82.8\\ 77.4\\ 46,9 \end{array}$	$\begin{array}{r} 49,500\\ 86.92\\ 11,248\\ 90.23\\ 78.3\\ 83.9\\ 83.9\\ 84.8\\ 50.7\end{array}$	37, 500 86, 75 5, 761 87, 60 76, 5 81, 5 84, 3 49, 7	$\begin{array}{c} 66,500\\ 81,29\\ 14,110\\ 64,58\\ 59,1\\ 56,5\\ 92,8\\ 35,7\end{array}$	$57,300\\81,02\\18,181\\60,71\\52,0\\50,0\\82,7\\28,8$	$\begin{array}{c} 91,452\\ 89.02\\ 16,084\\ 99.27\\ 67.0\\ 61.6\\ 106.8\\ 50.5\end{array}$	$73,370 \\90.80 \\14,337 \\104.20 \\78.8 \\73.0 \\123.8 \\58.2$	$\begin{array}{c} 66,720\\97.58\\16,179\\188.11\\136.5\\126.6\\116.5\\199.5 \end{array}$	$50,074 \\97.37 \\9,677 \\197.94 \\142.1 \\132.5 \\206.4 \\119.7$	$53, 234 \\92. 18 \\24, 557 \\296. 13 \\224. 2 \\213. 3 \\330. 4 \\164. 4$	$\begin{array}{c} 61,915\\92,32\\23,475\\303,53\\228,1\\218,5\\327,9\\169,4\end{array}$
PRODUCTION, CONSTRUCTION, AND DISTRIBUTION	1010										
Production: Automobiles (Cram's estimate)number	43, 699 1, 639 2, 487 40	48, 053 1, 195 1, 663 2, 603 40 4, 606	40, 367 1, 289 1, 583 2, 692 42	20, 600 1, 054 1, 491 2, 179 18 5, 101	$22,770 \\ 1,024 \\ 1,476 \\ 2,192 \\ 15 \\ 4,908$	39, 186 1, 239 1, 660 2, 193 28 9, 202	41, 138 1, 207 1, 663 2, 202 29	$\begin{array}{c} 47,726\\ 1,517\\ 1,714\\ 2,390\\ 60\\ 13,317\end{array}$	56, 804 1, 487 1, 722 2, 422 60	95, 453 1, 944 1, 778 2, 900 85 17, 023	$100,042 \\ 1,845 \\ 1,792 \\ 2,925 \\ 82 \\$
Distribution: Exports: Cornthous. of bu Wheatthous. of bu Wheat flourthous. of bbl Freight-car loadings, totalcars.	107 95 58	$236 \\ 32 \\ 59$	$22 \\ 1 \\ 15$	$103 \\ 1,022 \\ 70$	217 51 58	44 1, 377 131	20 2, 371 178	$ \begin{array}{r} 14 \\ 2,367 \\ 387 \\ 387 \end{array} $	46 3, 060 350	97 1, 377 288	207 3, 087 281
Coal and cokecars. Forest productscars. Grain and productscars. Livestockcars. Merchandise, l.c.lcars. Orecars		$\begin{array}{c} 652,016\\ 131,376\\ 25,219\\ 31,457\\ 20,065\\ 172,371\\ 40,081 \end{array}$	571, 387116, 18022, 26026, 80418, 736148, 15634, 696	$595,746 \\116,840 \\18,606 \\36,060 \\23,044 \\179,054 \\5,598 \\$	$587, 246 \\110, 264 \\18, 050 \\35, 890 \\21, 706 \\176, 948 \\6, 558 \\$	738, 036 133, 430 25, 525 36, 978 25, 191 216, 811 25, 806	$\begin{array}{c} 742, 614 \\ 127, 611 \\ 26, 563 \\ 40, 190 \\ 24, 906 \\ 217, 912 \\ 29, 855 \end{array}$	950, 663 161, 110 42, 159 43, 070 29, 068 244, 759 48, 095	952, 561 162, 043 41, 496 46, 125 27, 175 244, 800 48, 785		$\begin{array}{c} 1,167,395\\ 204,756\\ 62,576\\ 51,775\\ 32,135\\ 271,407\\ 68,956\end{array}$
Miscellaneouscars Receipts: Cattle and calvesthousands Hogsthousandsthousands Cotton, into sightthous. of bales Wheat, at primary marketsthous. of bu_		231, 447	204, 555	216, 544 296 380	217, 830 279 366	274, 295 269 393	275, 577 282 378	382, 402 319 415	382, 137 325 392	489, 535 384 505	475, 790 347 431
Cotton, into sightthous. of bales Wheat, at primary marketsthous. of bu Wool, at Boston, totalthous. of bales	484 5, 307 2, 495	367 6, 109 3, 980	259 5, 546 1, 823	460 8, 136 2, 227	403 10, 148 17, 702	463 9,465 841	362 8, 907 3, 379	572 11, 512 1, 335	$13, 320 \\ 686$	639 11, 123 1, 691	526 10,728 2,000

\$Statistics cover 90 cities. Comparable figures not available prior to 1932, but adjustment has been made in indexes in preceding table.

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. Later data will be found in the Weekly Supplement to the Survey.

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933			1932						1933			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
			BUSI	NESS	IND	EXES							
BUSINESS ACTIVITY (Annalist)†		1				[
Combined indexnormal=100 Automobile productionnormal=100 Boot and shoe productionnormal=100 Carloadings, freightnormal=100 Cement productionnormal=100 Electric power productionnormal=100 Fig-iron productionnormal=100 Silk consumptionnormal=100 Steel ingot productionnormal=100 Steel ingot productionnormal=100 Journal=100 Steel ingot productionnormal=100 Mool consumptionnormal=100 Jinc productionnormal=100	a 83.8 59.7 111.3 62.3 47.5 121.3 95.5 72.5 64.9 71.3 75.9 70.2	$\begin{array}{c} 61.\ 2\\ 24.\ 6\\ 96.\ 6\\ 51.\ 0\\ 46.\ 3\\ 83.\ 3\\ 82.\ 8\\ 36.\ 4\\ 18.\ 2\\ 102.\ 6\\ 22.\ 2\\ 88.\ 8\\ 28.\ 9\end{array}$	65. 2 25. 4 107. 6 54. 6 51. 3 98. 6 84. 2 35. 9 21. 5 104. 8 27. 3 97. 3 97. 3 28. 8	$\begin{array}{c} 65.\ 4\\ 17.\ 5\\ 106.\ 7\\ 58.\ 4\\ 52.\ 3\\ 92.\ 4\\ 85.\ 4\\ 39.\ 3\\ 22.\ 7\\ 95.\ 0\\ 29.\ 2\\ 86.\ 5\\ 31.\ 5\end{array}$	29. 2 83. 0	64. 8 52. 8 88. 8 58. 9 41. 5 84. 2 84. 7 37. 0 19. 8 78. 5 25. 5 82. 5 82. 5 36. 7		$\begin{array}{c} 61.7\\ 31.7\\ 101.3\\ 55.3\\ 36.7\\ 80.2\\ 82.6\\ 34.0\\ 20.1\\ 57.4\\ 28.2\\ 72.0\\ 40.5\end{array}$	$58.5 \\ 27.0 \\ 94.6 \\ 51.4 \\ 36.0 \\ 81.1 \\ 80.0 \\ 35.2 \\ 16.8 \\ 64.0 \\ 19.5 \\ 52.4 \\ 40.5 \\ \end{bmatrix}$	$\begin{array}{c} 64.1\\ 40.9\\ 104.6\\ 55.2\\ 34.8\\ 83.8\\ 84.0\\ 38.8\\ 19.5\\ 83.6\\ 33.1\\ 68.8\\ 42.4\\ \end{array}$	$\begin{array}{c} 72.5\\ 47.9\\ 128.2\\ 57.0\\ 40.2\\ 112.3\\ 87.3\\ 47.1\\ 27.8\\ 91.4\\ 47.9\\ 114.6\\ 42.7\end{array}$	$\begin{array}{c} 83.4\\ 63.6\\ 135.2\\ 61.4\\ 49.2\\ 140.3\\ 93.0\\ 59.5\\ 43.1\\ 105.4\\ 69.3\\ 146.5\\ 51.3\\ \end{array}$	$\begin{array}{c} 89.\ 4\\ 67.\ 8\\ 132.\ 6\\ 66.\ 2\\ 56.\ 2\\ 138.\ 3\\ 96.\ 7\\ 71.\ 1\\ 64.\ 4\\ 85.\ 2\\ 92.\ 7\\ 144.\ 0\\ 66.\ 4\end{array}$
Total. unadjusted §	. 91	59	67	68	65	60	64	a 64	¢ 60	● 67	¢ 80	¢ 91	a 96
Manufactures unadjusted §	$\begin{array}{c} 67\\ 65\\ 85\\ 137\\ 79\\ 9\\ 115\\ 49\\\\ 107\\ 19\\\\ 107\\ 192\\\\ 107\\\\ 107\\\\ 107\\\\ 107\\\\ 107\\\\\\ 107\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\$	59 23 48 21 23 23 33 4 1355 48 45 65 48 48 48 48 48 48 48 48 48 48 48 48 48	108 344 299 666 666 244 955 433 888 91 288 91 288 881 133 644 104 1111 70 611 58 8 8 8 8 41 104 366	31 • 93 24 91 137 68 216 99 104 61 67 13 38 103 38 103 36	$ \begin{bmatrix} 18\\ 53\\ 55\\ 87\\ 87\\ 87\\ 29\\ 85\\ 89\\ 138\\ 55\\ 119\\ 95\\ 106\\ 78\\ 67\\ 74\\ 47\\ 105\\ 50\\ 65\\ 65\\ 63\\ 31\\ 31\\ 38\\ 33\\ 136\\ 92\\ 21\\ 138\\ 73\\ 73\\ 73\\ 73\\ 73\\ 73\\ 73\\ 73\\ 73\\ 73$	58 32 34 86 54 24 60 80 81 132 46 60 86 91 72 74 74 74 74 74 70 93 30 30 30 30 30 30 30 30 30 30 30 30 30	84 132 134 132 54 64 92 107 71 57 63 36 46 102 65 64 48 38 29 86 26 32 591 91 877 113 73 53 57 45		• 58 34 34 29 90 59 24 87 8 86 86 86 135 112 78 94 94 631 51 120 120 120 46 120 54 21 84 22 85 135 41 144 76 99 81 77 122 85 122 44 44 44		\circ 80 \circ 64 \circ 64 \circ 50 \circ 98 \circ 96 \circ 53 \circ 101 322 877 118 311 360 1455 766 211 366 350 211 366 350 213 360 350 213 366 350 213 366 350 213 366 350 213 366 350 213 366 350 213 366 350 213 366 350 350 213 366 350 350 350 360 350 350 360 350 360 350 360 350 360 360 350 360	$\begin{smallmatrix} a & 93 \\ g & 93 \\ i & 74 \\ i & 74 \\ g & 99 \\ i & 20 \\ i & 100 \\ g & 110 \\ g & 110 \\ g & 1133 \\ i & 200 \\ i & 126 \\ i & 30 \\ i & 126 \\ i & 137 \\ i & 30 \\ i & 126 \\ i & 137 \\ i & 30 \\ i & 126 \\ i & 137 \\ i & 30 \\ i & 126 \\ i & 137 \\ i & 30 \\ i & 126 \\ i & 137 \\ i & 30 \\ i & 116 \\ i & 137 \\ i & 30 \\ i & 116 \\ i & 133 \\ i & 355 \\ i & 356 \\ i & 116 \\ i & 133 \\ i & 355 \\ i & 356 \\ i & 116 \\ i & 133 \\ i & 355 \\ i & 116 \\ i & 134 \\ i & 29 \\ j & 55 \\ i & 116 \\ i & 116 \\ i & 116 \\ i & 116 \\ i & 133 \\ i & 135 \\ i & 116 \\ i & 116 \\ i & 134 \\ i & 29 \\ j & 55 \\ i & 116 \\ i & 116$	\circ 97 73 897 148 93 97 148 93 93 91 144 455 97 154 140 28 93 93 114 126 \circ 89 55 69 81 126 \circ 89 81 126 \circ 89 81 34 \circ 121 126 \circ 89 81 34 \circ 121 126 \circ 89 81 34 \circ 122 166 \circ 89 81 34 \circ 123 29 666 \circ 100 \circ 116 416 100 \circ 100 150 100 150 100 155 100 100 155 100 100
Consumption by geographic sections: Total, United States	- 112.6	68.4 67.7	83.8 80.5	86. 8 90. 2	91.3 84.0	79. 4 83. 3 75. 2 72. 1	85. 7 75. 5	85. 8 91. 8 79. 8 80. 5	75.3 80.8 70.2	84. 4 86. 3 73. 8	92. 9 97. 3 85. 7	a 104.5 a 108.8 a 104.7	a 112.4 a 119.0 a 110.1
Southern	. 114.8	87.9	108.5	103.8	104.4	94. 1 93. 8	90.1	99.3 102.0	67. 8 85. 9 95. 8	79.8 99.8 103.2	89. 1 103. 9 107. 0	^a 97.8 ^a 121.3 111.6	a 107.8 a 125.7 a 118.3
Total, all industries1923-25=100_ Automobiles, including parts and acces-]	1		79.4	81.9	85.8	75.3	84.4	92.9	a 104. 5	• 112.4
sories $1923-25 = 100$. Chemicals and allied products $1923-25 = 100$.	. 143.5	116.6	126.8	129.0	130. 1	56. 2 124. 3	59. 2 126. 0	61. 2 130. 0	42. 6 115. 6	54.8 121.0	58.9 127.1	• 65. 5 135. 7	a 66.6 146.7
Food products	- 136.3 100.6	123. 2 82. 2	93.7	93.7	95.4	103.2 79.8	107.5 83.6	112.5 95.0	101.5 81.4	119.7 82.5	126.2 93.5	⁴ 136.0 100.2	a 149.8 102.7

Revised.

† Revised series. For earlier data see p. 19 of this issue.

§ Series revised. Earlier data will be shown in a subsequent issue.

SURVEY OF CURRENT BUSINESS

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933			1932						1933			3
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
		BUSI	INESS	IND	EXES	Con	tinued						
INDUSTRIAL CONSUMPTION OF ELECTRICAL ENERGY—Continued													
Consumption by industries—Continued Metals, group	80.3 107.2 75.3	^a 44.7 67.6 45.0	50.6 81.4 51.8	54.8 80.9 53.0	57. 5 85. 6 56. 1	54.0 76.0 52.7	58.4 74.0 52.8	64. 2 83. 3 58. 4	50. 5 75. 0 50. 5	58.0 89.4 55.3	65.5 • 104.1 63.7	^a 75.3 106.9 ^a 72.6	^a 85. 3 ^a 114. 0 ^a 79. 6
1923-25 = 100 Rubber and products	88.7 127.4 143.5 80.0 104.1 109.4	^a 44.0 94.7 76.4 77.9 71.8 65.7	51.3 107.4 87.7 84.0 90.3 86.7	54.8 111.3 86.5 72.3 84.3 94.8	56.6 113.6 93.0 84.0 81.9 93.0	53.3 98.8 77.2 84.0 56.2 86.5	$54.7 \\104.4 \\85.2 \\83.5 \\58.5 \\85.0$	60.6 111.0 91.0 89.2 67.2 84.1	50. 5 95. 2 68. 0 71. 5 68. 8 79. 0	62.3 102.3 82.0 73.0 74.5 86.0	68.8 112.0 124.5 71.3 90.0 96.4	^a 79.8 ^a 126.5 ^a 146.4 75.7 ^a 102.0 ^a 118.2	^a 95.0 ^a 130.2 157.0 ^a 75.7 ^a 113.5 ^a 121.3
MARKETINGS													
$\begin{array}{llllllllllllllllllllllllllllllllllll$	$\begin{array}{c} 85\\ 100\\ 126\\ 92\\ 76\\ 344\\ 69\\ 69\\ 72\\ 76\\ 49\\ 72\\ 76\\ 49\\ 69\\ 72\\ 76\\ 69\\ 72\\ 76\\ 69\\ 72\\ 76\\ 69\\ 125\\ 125\\ 125\\ 125\\ 125\\ 125\\ 125\\ 125$	$\begin{array}{c} 79\\ 85\\ 106\\ 73\\ 78\\ 322\\ 71\\ 45\\ 85\\ 102\\ 46\\ 55\\ 14\\ 54\\ 107\\ 61\end{array}$	$103 \\ 81 \\ 88 \\ 77 \\ 72 \\ 213 \\ 125 \\ 175 \\ 101 \\ 98 \\ 75 \\ 52 \\ 17 \\ 49 \\ 89 \\ 70 \\$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 82\\ 81\\ 87\\ 68\\ 119\\ 38\\ 84\\ 136\\ 63\\ 45\\ 61\\ 47\\ 45\\ 42\\ 70\\ 90\\ \end{array}$	$\begin{array}{c} 76\\ 81\\ 101\\ 75\\ 88\\ 60\\ 70\\ 94\\ 68\\ 43\\ 75\\ 51\\ 44\\ 47\\ 32\\ 91\\ \end{array}$	$\begin{array}{c} 61 \\ 69 \\ 89 \\ 63 \\ 76 \\ 52 \\ 53 \\ 65 \\ 38 \\ 76 \\ 51 \\ 37 \\ 48 \\ 23 \\ 88 \end{array}$	$\begin{array}{c} 66\\ 76\\ 102\\ 63\\ 104\\ 30\\ 55\\ 49\\ 65\\ 40\\ 105\\ 54\\ 35\\ 50\\ 33\\ 101\\ \end{array}$	$\begin{array}{c} 73\\ 86\\ 97\\ 68\\ 137\\ 49\\ 60\\ 49\\ 74\\ 60\\ 83\\ 57\\ 25\\ 53\\ 69\\ 98\end{array}$	92 103 131 79 153 131 81 81 60 1111 90 86 63 27 57 57 122 ¢113	$\begin{array}{c} 91\\ 102\\ 144\\ 79\\ 108\\ 399\\ 81\\ 62\\ 65\\ 100\\ 103\\ 66\\ a 27\\ 60\\ 135\\ 111\end{array}$	91 95 130 73 84 534 87 62 73 131 51 51 65 30 63 135 79
ORDERS Orders, new	57 	37 27 26 36 311 111 0 32 37 21 37 21 37 23 45 34	45 34 27 83 34 10 33 23 55 22 49 23	$\begin{array}{c} 40\\ 33\\ 21\\ 81\\ 35\\ 131\\ 0\\ 0\\ 32\\ 38\\ 22\\ 50\\ 22\\ 50\\ 21\\ \end{array}$	33 24 14 71 37 115 0 28 37 19 35 25 41 6	32 40 12 64 37 97 1 28 37 18 35 24 40 6	32 34 15 69 37 89 1 28 36 18 37 28 36 18 37 24 44 6	32 35 69 34 89 1 28 35 18 36 24 44 7	38 35 17 75 40 118 35 35 35 35 24 45 5	40 41 19 71 36 119 0 31 36 20 31 34 24 60 4	56 53 32 77 38 163 1 30 37 28 35 24 78 6	67 74 32 87 40 • 200 • 4 45 42 27 33 27 • 120 9	50 63 27 81 34 120 3 90 40 299 25 299 25 29 83 10
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	106 126 109 81 154 82 80 166 85 213 103 103 174 	$134 \\ 102 \\ 116 \\ 92 \\ 98 \\ 87 \\ 83 \\ 201 \\ 138 \\ 75 \\ 155 \\ 155 \\ 155 \\ 125$	$\begin{array}{c} 143\\ 100\\ 121\\ 84\\ 98\\ 901\\ 83\\ 205\\ 127\\ 69\\ 146\\ 69\\ 146\\ 74\\ 74\\ 173\\ 112\\ 217\\ 262\\ 244\\ 3428\\ 244\\ 325\\ 204\\ 4311\\ 136\\ 61\\ 325\\ 204\\ 198\\ 138\\ 138\\ 138\\ 229\\ 198\\ 198\\ 198\\ 198\\ 100\\ 100\\ 100\\ 100\\ 100\\ 100\\ 100\\ 10$	$\begin{array}{c} 155\\ 98\\ 122\\ 73\\ 99\\ 87\\ 125\\ 76\\ 139\\ 77\\ 196\\ 122\\ 195\\ 126\\ 263\\ 256\\ 429\\ 221\\ 330\\ 186\\ 310\\ 141\\ 226\\ 207\\ \end{array}$	$\begin{array}{c} 157\\ 98\\ 121\\ 67\\ 103\\ 85\\ 85\\ 191\\ 117\\ 82\\ 146\\ 82\\ 191\\ 122\\ 185\\ 106\\ 287\\ 260\\ 434\\ 239\\ 328\\ 328\\ 328\\ 338\\ 306\\ 153\\ 228\\ 204\\ \end{array}$	$\begin{array}{c} 153\\ 96\\ 121\\ 66\\ 108\\ 81\\ 83\\ 83\\ 81\\ 159\\ 76\\ 76\\ 76\\ 76\\ 76\\ 193\\ 117\\ 177\\ 109\\ 282\\ 262\\ 229\\ 330\\ 193\\ 3314\\ 155\\ 2220\\ 217\\ \end{array}$	$\begin{array}{c} 149\\ 97\\ 122\\ 69\\ 107\\ 85\\ 196\\ 90\\ 78\\ 160\\ 74\\ 186\\ 112\\ 169\\ 95\\ 277\\ 263\\ 402\\ 229\\ 326\\ 206\\ 312\\ 212\\ 2212\\ 236\end{array}$	$\begin{array}{c} 143\\ 97\\ 120\\ 69\\ 105\\ 82\\ 200\\ 89\\ 80\\ 163\\ 77\\ 77\\ 176\\ 104\\ 164\\ 86\\ 259\\ 259\\ 394\\ 212\\ 328\\ 394\\ 212\\ 323\\ 323\\ 331\\ 147\\ 207\\ 220\end{array}$	$\begin{array}{c} 139\\ 97\\ 123\\ 69\\ 103\\ 81\\ 206\\ 88\\ 80\\ 164\\ 88\\ 80\\ 164\\ 88\\ 80\\ 164\\ 82\\ 241\\ 261\\ 375\\ 231\\ 330\\ 2217\\ 217\\ 316\\ 2209\\ 209\\ 208\\ \end{array}$	$\begin{array}{c} 133\\95\\119\\69\\101\\83\\80\\159\\81\\160\\81\\160\\78\\8225\\267\\267\\362\\236\\331\\225\\236\\331\\225\\236\\331\\225\\236\\331\\225\\236\\331\\225\\236\\331\\225\\236\\331\\225\\236\\331\\225\\236\\331\\225\\236\\331\\225\\236\\331\\225\\236\\331\\225\\236\\331\\225\\236\\331\\225\\348\\348\\367\\204\\208\\208\\208\\208\\208\\208\\208\\208\\208\\208$	$\begin{matrix} 133\\97\\112\\79\\90\\101\\82\\201\\90\\77\\155\\79\\90\\157\\90\\90\\171\\84\\206\\269\\343\\255\\326\\217\\344\\171\\1201\\201\\208\end{matrix}$	$\begin{array}{c} a \ 134\\ 101\\ 107\\ 109\\ 94\\ 104\\ 81\\ 185\\ 84\\ 164\\ a \ 105\\ 159\\ 87\\ 189\\ 87\\ 188\\ 84\\ 184\\ 267\\ 330\\ 247\\ 353\\ 242\\ 317\\ 164\\ 4192\\ 219\\ \end{array}$	$\begin{array}{c} 140\\ 105\\ \bullet 109\\ \bullet 121\\ 100\\ 010\\ 101\\ 82\\ 167\\ 74\\ \bullet 85\\ 216\\ 92\\ 92\\ 176\\ 266\\ 344\\ 245\\ 5357\\ 216\\ 6308\\ 344\\ 245\\ 357\\ 216\\ 838\\ 344\\ 245\\ 357\\ 216\\ 838\\ 344\\ 245\\ 357\\ 216\\ 838\\ 308\\ 308\\ 308\\ 308\\ 308\\ 308\\ 308$
			COMM	10DI'	гү рі	RICES	5						
COST OF LIVING (N.I.C.B.) Total, all groups	76. 9 70. 0 73. 0 84. 3 63. 2 91. 8	76. 8 64. 3 69. 0 85. 5 71. 2 92. 8	76. 6 64. 2 68. 7 86. 0 70. 5 92. 6	76. 1 64. 4 68. 7 86. 3 69. 6 91. 4	75.6 64.0 68.0 86.5 68.7 91.5	75. 1 63. 5 67. 6 86. 3 67. 5 91. 3	73. 7 62. 6 64. 9 86. 0 66. 4 90. 7	72. 1 61. 8 62. 2 85. 9 65. 4 89. 4	71. 8 61. 2 61. 9 85. 8 64. 6 89. 4	71. 5 60. 7 61. 9 84. 6 64. 0 89. 3	72. 1 60. 7 64. 1 82. 8 63. 5 89. 4	72. 8 61. 6 66. 2 82. 2 63. 4 89. 3	75. 2 63. 9 71. 7 82. 6 63. 2 90. 3
FARM PRICES (Dept. of Agri.)§ Total, all groups	$72 \\ 71 \\ 72 \\ 120 \\ 81 \\ 63 \\ 67 \\ 54$	•	59 57 67 68 41 67 84 42	56 51 68 59 36 60 102 44	54 47 68 57 34 57 115 43	52 43 69 59 33 52 121 45	51 45 68 59 34 51 96 46	49 44 57 34 53 57 44	50 48 59 60 36 56 54 43	53 49 59 66 47 57 56 44	62 65 63 62 65 62 47	$ \begin{array}{r} 64 \\ 69 \\ 65 \\ 74 \\ 63 \\ 66 \\ 55 \\ 48 \\ \end{array} $	76 84 71 103 94 66 67 51

• Revised. • Estimate

'New series. See p. 18 of the March 1933 issue (marketings) and p. 20 of May 1933 issue (prices).

§ Data for September 15: Total, 70, cotton and cottonseed 69, dairy products 76, fruits and vegetables 101, grain 78, meat animals 62, poultry products 77, unclassified 53.

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SURVEY OF CURRENT BUSINESS

October 1933

Monthly statistics through December 1931,	1933			1932						1933			
together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
		сомі	MODI	түр	RICE	S-Co	ntinued	1					
	1	I						I	1				
RETAIL PRICES Department of Labor indexes:													
Coal	160 107	168 101	171 100	172 100	172 99	173 99	172 95	171 91	170 91	164 90	155 94	152 97	155 105
Fairchild index: Combined index*Dec. 1930=100	82.5	73.6	73.6	73.3	72.6	71.8	71.1	69.9	69.7	69.4	70.4	72.3	76.1
Apparel: Infants' wear*Dec. 1930=100	85.4	78.5	77.9	77.2	76.9	77.1	77.2	76.7	76.4	76.4	77.5	78.7	80.7
Men's*Dec. 1930=100 Women's*Dec. 1930=100	80.4 85.7	74.7 74.9	74.6	74. 5 75. 4	73.9 74.3	73.0 74.1	72.4	71.6 71.9	71.2 71.7	70.7	71.0 72.3	71.8 73.7	75. 1 78. 2
Apparei: Infants' wear*Dec. 1930=100 Men's*Dec. 1930=100 Women's*Dec. 1930=100 Home furnishings*Dec. 1930=100 Piece goods*Dec. 1930=100	81.7 80.2	74.8 70.7	74.9	74. 2 70. 9	74.0 70.3	73.0 69.6	72.5 67.7	71.5 66.1	70. 9 65. 8	70. 2 65. 1	71, 1 67, 2	72.8 69.6	77.8 74.8
WHOLESALE PRICES		ł					1					-	
Department of Labor index: Combined index (784)1926=100 Economic classes:	69.5	65. 2	65, 3	64.4	63. 9	62.6	61.0	59.8	60. 2	60.4	62.7	65. 0	68.9
Finished products	73.4 60.6	70.7 55.7	70.4 56.2	69.6 54.6	69.3 54.2	68.4 52.1	66.7 50.2	65.7 48.4	65.7 49.4	65.7 50.0	$67.2 \\ 53.7$	$69.0 \\ 56.2$	72.2 61.8
Semimanufactures	71.7 57.6	57.9 49.1	60.7 49.1	60.7 46.9	58.9 46.7	57.7 44.1	56.9 42.6	56.3 40.9	56.9 42.8	57.3 44.5	61.3 50.2	65.3 53.2	69. 1 60. 1
Grains	64.6	38. 2 52. 8	37.4 51.2	34. 4 45. 0	33. 2 41. 9	31.7 38.7	32.9 37.8	32.7	36.0 43.0	44.8 41.0	52.8	57.4 46.6	73.4 47.4
F oods1926=100	45.9 64.8	61.8	61.8	60.5	60.6	58.3	55, 8	40. 1 53. 7	54.6	56.1	46.8 59.4	61.2	65.5
Dairy products	65.7	60.2 55.6	60.6 52.5	60.5 52.2	62.3 52.4	59.5 52.8	55. 2 53. 0	52.4 52.4	50.9 54.3	53.1 57.8	58.8 58.8	$\begin{array}{c} 63.1 \\ 63.9 \end{array}$	66.1 75.6
Meets 1926=100	51.0	61.9	60.9	56.4	53.7	49.4	49.5	50.2	50.5	50.3	52.3	52.4	50.8
Other products	74.1 81.3	70.1 69.6	70.4 70.5	70.2	69.8 70.7	69.0 70.8	67.3 70.1	66.0 69.8	65.8 70.3	65.3 70.2	66.5 71.4	68. 9 74. 7	72.2 79.5
Brick and tile1926=100 Cement1926=100	81.5 90.3	75.2 79.0	75.4	75.3	75.4 79.0	75.1	74.9 81.2	75.1	74.9 81.8	75.0 81.8	75. 2 81. 8	77.0 81.8	78.2
Lumber $1926 = 100$	79.4	55.5	56.3	56.6	56.6	56.5	55.9	56.4	57.8	57.9	59.6	67.4	75.9
Chemicals and drugs1926=100 Chemicals1926=100	73.1	73.3 79.7	72.9 79.8	72.7	72.4	72.3 79.7	71.6	71.3	71.2	71.4 79.5	73. 2 80. 9	73.7 81.5	73.2 80.3
Drugs and pharmaceuticals $1926 = 100$.	57.6	57.0	56. 6 63. 6	55.9	55.0	54.7	54.9	54.8	54.8	54.6	55.0	55.5	56.8
Fertilizer materials	69.0 65.5	66.4 72.1	70.8	63.4 71.1	63.5 71.4	63.1 69.3	62.3 66.0	61.5 63.6	61.9 62.9	62.9 61.5	66.8 60.4	$68.0 \\ 61.5$	68.6 65.3
Electricity	·	104.4 107.0	103.4	104.6 104.4	103.1 100.0	104.1	103.2	102.9 96.6	100.5	98.3 97.5	94.6 103.3	$\begin{array}{c}91.4\\101.7\end{array}$	89.4 100.2
Detrolour Droducta 1098100	40.9	48.9	46.7	47.4	48.2	45.0	38.7	34.3	33.1	32.5	31.2	34.4	41.3
Hides and leather $1926 = 100$. Boots and shoes $1926 = 100$	91.7	69.7 84.4	72.2	72.8 84.6	71.4	69.6 83.8	68.9 83.3	68.0 83.3	68.1 83.2	69.4 83.2	76.9 83.6	82.4 85.5	86. 3 88. 3
Hides and skins	. 91.5	39.3	48.2	49.6	46.1	41.7	43.0	40.9	41.4	45.8	67.3	81.4	88.7
Hides and leather	82.5 77.6	60.0 73.6	63. 2 73. 7	64.1 73.7	61.9 73.7	59.2 73.6	57.1	55.3	55.6 72.2	57.2	68.3 71.7	74.3 73.4	78.0
Furniture	. 76.8	72.6	72.7	72.8	72.7	72.7	72.3	71.9	71.8	71.5	71.6	73.4	74.6
Furniture	78.6	74.8 80.1	74.7 80.1	74.7 80.3	74.7	74.7	73.5 78.2	72.9	72.9 77.2	71.7 76.9	72.0 77.7	73.6 79.3	75. 1 80. 6
Iron and steel	. 78.6	78.7	79.7	80.4	79.4	78.8	78.5	77.3	76.4	75.7	75.2	76.2	77.1
Metals, nonferrous	. 68.2	48.5	51.6	50.7	49.1	48.3	46.4	46.2	47.9	49.2	56.6	63.2	67. (
equipment	70.3	67.1 52.7	66.8 55.6	67.5 55.0	67.5 53.9	67.5 53.0	62.8 51.9	59.4	59.4	59.4 51.8	61.3	$67.4 \\ 61.5$	69. 4 68. (
$Clotning_{100} = 100_{10}$. 74.4	¢ 61. 0	67.3	62.5	62.2	62.5	61.9	51.2 61.2	51.3 61.3	61.4	55.9 61.9	64.5	70.0
$Cotton = 1926 \approx (10)$	93.5	52.6 48.5	57.9 50.4	56.2 50.9	53.6 51.0	51.7 49.3	50.1 48.4	49.1 48.3	50.0	50.7 47.2	57.9 48.0	67.1 50.9	80. 2 55. 2
Knit goods	34.6	29.5	32.6	30. 8	29.5	29.3	27.0	25.6	25.5	26.3	29.1	35, 2	37.9
Woolens and worsted1926=100 Miscellaneous	. 78.9 65.4	53.4 64.6	56.7	56.5 64.1	55.3 63.7	54.2 63.4	53.4 61.2	53. 2 59. 2	53.2 58.9	53.3 57.8	61, 5 58, 9	68.8 60.8	72. 64.
Auto tires and tubes1926 $= 100$.	43.2	40.1	42.7	44.6	44.6	44.6	44.6	42.6	41.3	37.4	37.6	40.1	41.4
Paper and pulp1926=100 Other wholesale price indexes:	. 81.0	76.3	75.5	73.4	73.4	73.0	72.0	72.1	72.2	70.6	70.7	73.5	78. :
Bradsreet's (96)	. 69.6	55.5	56.3	53.9	53.3	52.6	50.6	49.2	50.6	54.1	62.1	64.5	69.
Dun's (300)	. 85.0	71.1	72.4	71.4	71.0	69.0	68.1	67.7	68.0	70.8	74.2	79.1	82.8
Combined index* 1022-25-100	39.7	30.5	32.6	30.1	27.8	25.7	25.1	24.9	27.0	28.6	34.2	37.6	42.8
Confine* 1923-25 = 100. Copper* 1923-25 = 100. Cotron* 1923-25 = 100. Rubber* 1923-25 = 100.	45.0	59.8 37.7	73, 2 43, 2	62.8 41.4	52.4 37.1	51, 9 34, 8	48.4 34.6	47.0	47.0 36.2	44.5 39.0	46.5 48.4	$45.5 \\ 56.2$	45. 62.
Cotton*	35.3	27.2 8.5	28.3	24.3 8.5	22.8 8.1	21.7 7.7	22.8 7.2	22.4 6.9	25.7	25.4 8.3	31.6 11.6	35.3 14.4	a 39. 1
$S11K^*$ 1923-25 = 100.	26.3	23.0	25.2	23.4	21.8	21.7	18.2	16.8	16.5	18.5	22.2	30.1	18. 31.
Sugar*	. 36.9 63.2	28.4 30.5	28.4 33.3	28. 2 36. 3	26.4 33.6	20.9 28.0	18.0 29.2	18.5 40.0	23.9 39.8	27.9 38.1	32.7 39.6	34.7 42.3	38. 52.
Tin^*	. 89.0	45.7	49.3	47.6	46.4	45.1	45.2	46.7	48.4	54.0	71.4	87.9	92.1
Wheat*1923-25=100. Wholesale prices, actual. (See under respec-	42.8	36.2	37.5	35.0	33.1	31.2	32.0	30.0	30.1	32.9	38.8	39.9	50.8
tive commodities.)	{		1				}	}					

CONSTRUCTION AND REAL ESTATE

CONSTRUCTION CONTRACTS AWARDED													
Contracts awarded, F.R.B.:													
Total, unadjusted	25	32	30	28	24	22	18	16	14	16	19	21	a 24
Residential1923-25=100		11	12 30	12	10	8	7	7	8	11	13	14	13
Total, adjusted	23	30	30	29	27	28	22	19	14	14	16	18	¢ 21
Residential	13	12	12	12	10	9	8	8	8	10	11	13	13
F. W. Dodge Corporation (37 States):													
Total, all types:#											(
Projectsnumber	8,193	7, 185	7,152	6,483	5, 266	4,205	3,800	3,884	6,303	7,254	9,409	9.186	8,229
Valuationthous. of dolls	106, 131	133, 988	127.527	107.274	105, 302	81, 219	83.356	52,712	59,959	56, 573	77, 172	102,980	82,693
Nonresidential buildings:	, i			·	,		.,		,		,	,	-,
Projectsnumber	2.779	2.180	1,921	1,792	1.582	1,363	1.466	1.532	2,254	2, 535	3, 152	3.082	2,802
Floor spacethous, of sq. ft	6,381	8,114	6,721	4,912	6,036	3, 331	4,460	4,085	5,000	4,972	6, 525	7,137	6, 978
Valuation thous. of dolls	32, 797	49,071	35, 997	26, 917	31, 845	24, 945	28, 732		26, 359	23,807	31, 639	50, 774	40, 122
* New series. For earlier data see p. 19	of the De	cember 19	32 issue (Fairchild	index) an	d p. 20 of	Septembe	er 1932 issu	1e (world	prices).		Revised.	

New series. For earlier data see p. 19 of the December 1932 issue (Fairchild index) and p. 20 of September 1932 issue (world prices).
Data on floor space dropped. See p. 20 of the September 1933 issue for explanation.
§ Data for this series have been revised for years 1930, 1931, and 1932 and may be found on p. 20 of the September 1933 issue.

SURVEY OF CURRENT BUSINESS

Monthly statistics through December 1931,	1933			1932					<u></u>	1933			
together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
CO	NSTI	RUCT	ION A	AND I	REAL	ESTA	TE	Contin	ued				
CONSTRUCTION CONTRACTS AWARDED—Continued													
F. W. Dodge Corporation (37 States)-Con.													
Public utilities:# Projects	157 19, 395	173 7, 422	157 4, 523	128 8, 264	116 4, 116	107 6, 451	89 7, 974	93 4, 726	150 2, 499	114 2, 390	176 5, 640	164 5, 046	160 4, 132
Projects	$1,251 \\ 32,003$	$1,512 \\ 56,729$	$1,588 \\ 64,203$	$1,250 \\ 50,237$	966 50, 096	832 36, 866	451 34, 699	373 12, 510	701 15, 079	571 11, 233	782 13, 372	933 19, 392	910 14, 809
Projectsnumber Floor spacethous. of sq. ft Valuationthous. of dolls Engineering construction:¶	4,006 6,385 21,937	3, 320 5, 545 20, 767	3, 486 6, 550 22, 804	3, 313 5, 984 21, 856	2,602 5,490 19,245	1, 903 3, 437 12, 958	1, 794 3, 160 11, 951	1, 886 3, 149 11, 805	3, 198 4, 773 16, 021	4, 034 5, 814 19, 144	5, 299 8, 352 26, 520	5,007 8,309 27,768	4, 357 7, 383 23, 630
Total contracts awarded (E.N.R.) thous. of dolls	74, 063	81, 634	114, 487	100, 812	100, 443	103, 360	95, 392	60, 513	57, 934	49, 393	78, 198	104, 200	50, 368
HIGHWAY CONSTRUCTION													
Concrete pavement contract awards: Totalthous. of sq. yd Roads onlythous. of sq. yd Federal-aid highways:	5, 650 5, 300	12, 275 11, 137	12, 653 10, 690	6, 712 5, 667	8, 002 7, 592	5, 649 4, 638	5, 387 5, 129	1, 440 1, 280	J, 696 1, 478	570 379	1, 902 1, 633	1, 861 1, 547	1, 428 879
Approved for construction: Estimated total costthous. of dolls Federal-aid allotmentthous. of dolls Mileage, totalnumber Initialnumber Stage (added improvement)number	6, 209 3, 702 694 355 339	56, 154 19, 285 3, 821 2, 025 1, 795	58, 319 18, 394 3, 691 2, 339 1, 353	56,058 17,378 3,570 2,498 1,072	51, 976 15, 619 3, 228 2, 249 978	45, 085 13, 314 2, 682 1, 911 770	40, 180 11, 903 2, 489 1, 881 609	33, 050 9, 816 2, 218 1, 660 558	25,7387,4981,9591,408 551	13, 127 3, 938 1, 151 783 368	$egin{array}{c} 8,371 \ 2,642 \ 702 \ 507 \ 255 \end{array}$	8, 996 3, 067 759 523 237	9, 208 3, 539 944 533 411
Under construction: Estimated total costthous. of dolls. Federal-aid allotmentthous. of dolls. Mileage, totalnumber Initial Stage (added improvement) number.	$191,040 \\ 68,270 \\ 9,339 \\ 6,443 \\ 2,896$	242,175 112,686	260, 943 115, 528 13, 268 9, 116 4, 152	255, 315 107, 152 13, 224 8, 966 4, 258	250, 724 101, 098 12, 978 9, 152 3, 826	·250, 978 98, 257 13, 349 9, 353 3, 996	252, 372 95, 884 13, 301 9, 347 3, 953	260, 185 97, 337 13, 561 9, 550 4, 011	265, 678 98, 311 13, 855 9, 628 4, 228	269, 489 97, 551 14, 209 9, 709 4, 500	260, 736 92, 669 13, 657 9, 258 4, 400	242, 10786, 14112, 3848, 3973, 986	$222, 452 \\79, 844 \\11, 243 \\7, 626 \\3, 617$
Mileage completed to datenumber Balance of Federal-aid funds for new con- struction	111, 227 11, 300	101, 505 51, 425	101, 124 42, 075	102, 361 33, 593	103, 874 25, 583	104, 562 20, 294	105, 055 18, 075	105, 412 15, 746	105, 645 14, 550	105, 835 15, 622	106, 554 16, 317	107, 869 15, 190	109, 125 12, 874
CONSTRUCTION COSTS													
Building costs—all types (American Appraisat Co.)*	$150 \\ 165 \\ 167.0$	$149 \\ 162 \\ 156.8$	149 163 158. 0	$147 \\ 163 \\ 159.2$	$146 \\ 163 \\ 158.2$	145 163 158, 5	142 163 158, 4	141 163 159, 3	$140 \\ 163 \\ 158.4$	140 158 160, 2	$140 \\ 158 \\ 164.4$	$141 \\ 161 \\ 163.4$	$148 \\ 162 \\ 165, 5$
struction (<i>Richey</i>)*1913=100 Building costs—factory (<i>Aberthaw</i>)_1914=100 Building material costs: ‡			153 166	153	152	152 166	152	150	151 165	153			
Brick house. 6-room		155 148	155 149	153 148	154 148	153 149	152 147	151 146	153 147	$\begin{array}{c} 150\\143\end{array}$	$\frac{150}{145}$		
Construction-employment and wages:													
Employment, Ohio. (See Employment.) Wages, road building (See Employment.) Fire losses, United Statesthous. of dolls Ship construction. (See Trans. Equipment.) Real estate:	23, 627	31, 426	30, 972	30, 734	31, 168	39, 191	35, 548	36, 661	35, 321	27, 826	24, 339	21, 579	20, 004
Market activityeach month 1926=100 New financing. (See Finance.)		54. 2	53.4	60.4	50. 1	52.9	50.4	57.2	41, 7	41.1		 -	
			DOM	IESTI	C TR	ADE							
ADVERTISING													
Radio broadcasting: Cost of facilities, totalthous. of dolls Automotivethous. of dolls Building materialsthous. of dolls Clothing and dry goodsthous. of dolls Confectionerythous. of dolls Drugs and toilet goodsthous. of dolls Financialthous. of dolls Foodsthous. of dolls	$1,907 \\ 234 \\ 0 \\ 5 \\ 39 \\ 357 \\ 89 \\ 571$	$2,286\\127\\0\\67\\522\\84\\684$	2, 493 78 0 23 139 474 90 780	$\begin{array}{c} \textbf{3, 036} \\ \textbf{58} \\ \textbf{0} \\ \textbf{19} \\ \textbf{134} \\ \textbf{556} \\ \textbf{92} \\ \textbf{909} \end{array}$	$\begin{array}{c} 3,060\\ 57\\ 0\\ 29\\ 170\\ 628\\ 88\\ 896 \end{array}$	$3,006 \\ 118 \\ 0 \\ 17 \\ 186 \\ 650 \\ 99 \\ 898$	$2, 803 \\ 176 \\ 0 \\ 21 \\ 145 \\ 699 \\ 85 \\ 750 \\ $	$2,620 \\ 171 \\ 0 \\ 39 \\ 100 \\ 638 \\ 76 \\ 722$	$\begin{array}{r} 3,014\\ 215\\ 0\\ 47\\ 120\\ 719\\ 86\\ 860\end{array}$	2,466 126 0 52 103 598 82 767	$2, 287 \\ 121 \\ 0 \\ 53 \\ 33 \\ 550 \\ 86 \\ 713$	$2,065 \\ 115 \\ 0 \\ 22 \\ 38 \\ 519 \\ 93 \\ 607$	a1, 816 a128 0 9 38 470 79 542
House furnishingsthous. of dolls Machinerythous. of dolls Paints and hardwarethous. of dolls Petroleum productsthous. of dolls Radiosthous. of dolls Shoes and leather goodsthous. of dolls Soaps and housekeepers' supplies thous. of dolls	38 0 7 238 46 0 70	33 33 198 0 15 92	13 23 10 182 0 12 80	16 35 18 211 0 15 79	$ \begin{array}{r} $	0 84 8 308 27 12 78	32 49 8 319 54 9 79	50 12 12 292 36 0 74	77 0 13 294 57 0 94	43 7 6 281 36 0 77	$ \begin{array}{r} 113 \\ 44 \\ 0 \\ 11 \\ 304 \\ 44 \\ 0 \\ 82 \end{array} $	$ \begin{array}{r} 16\\ 0\\ 12\\ 236\\ 44\\ 0\\ 71 \end{array} $	$23 \\ 0 \\ 9 \\ 220 \\ 19 \\ 0 \\ 59$
Sporting goodsthous, of dolls Stationery and publishers thous, of dolls Tobacco manufacturesthous, of dolls Miscellaneousthous, of dolls Cost, totalthous, of dolls	0 0 187 27 5, 879	17 20 385 37 6, 807	9 68 366 147 6, 836	0 52 358 485 8, 293	0 44 354 320 9, 053	0 51 395 75 7,827	0 33 361 24 5, 569	0 36 334 30 8, 236	0 33 364 34 8, 670	0 18 239 32 9, 285	0 17 207 23 9, 106	$ \begin{array}{c} $	0 4 162 53 6, 345
Automotive	$792 \\ 100 \\ 79 \\ 262 \\ 1, 407 \\ 167 \\ $	668 129 90 276 1, 731 146	512 133 185 149 1,761 149	567 202 222 163 1,805 200	535 195 198 170 2, 305 229	$375 \\ 146 \\ 162 \\ 128 \\ 1,896 \\ 212$	5, 309 421 111 106 108 1, 257 198	1, 164 128 150 55 2, 181 191	8, 670 834 150 241 98 2, 453 196	9, 285 962 172 244 144 2, 324 204	9, 106 779 192 268 166 2, 029 177	$ \begin{array}{r} 7, 633 \\ 677 \\ 107 \\ 203 \\ 208 \\ 1, 600 \\ 197 \end{array} $	$\begin{array}{r} 0,343\\ 689\\ 97\\ 141\\ 180\\ 1,400\\ 184 \end{array}$

Plantical: The plant of the pla

19167-33-4

October 1933

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933	=		19	32					193	3		
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem ber	January	Febru- ary	March	April	May	June	July
		DOM	ESTI	C TR	ADE-	-Conti	inued						
ADVERTISING Continued									1				
Magazine advertising—Continued Foodsthous. of dolls Gardenthous. of dolls House furnishingsthous. of dolls Jewelry and silverwarethous. of dolls Office equipmentthous. of dolls Paints and hardwarethous. of dolls Petroleum productsthous. of dolls Radiosthous. of dolls Schoolsthous. of dolls Shoes and leather goodsthous. of dolls Soaps and housekeepers' supplies	320	$1, 403 \\ 16 \\ 223 \\ 47 \\ 28 \\ 25 \\ 3 \\ 375 \\ 99 \\ 219 \\ 21$	$1, 284 \\ 10 \\ 320 \\ 41 \\ 18 \\ 40 \\ 34 \\ 305 \\ 131 \\ 191 \\ 71$	$1,760 \\ 19 \\ 532 \\ 116 \\ 20 \\ 66 \\ 38 \\ 291 \\ 165 \\ 142 \\ 151 \\ 151 \\ 151 \\ 100 \\ $	$1,953 \\ 24 \\ 561 \\ 146 \\ 31 \\ 80 \\ 55 \\ 299 \\ 205 \\ 120 \\ 164 \\$	$\begin{array}{c} \textbf{1,816} \\ \textbf{19} \\ \textbf{367} \\ \textbf{202} \\ \textbf{29} \\ \textbf{71} \\ \textbf{23} \\ \textbf{284} \\ \textbf{210} \\ \textbf{113} \\ \textbf{67} \end{array}$	$\begin{array}{c} 1,209\\ 42\\ 225\\ 77\\ 17\\ 32\\ 9\\ 157\\ 146\\ 132\\ 45 \end{array}$	1, 817 75 367 28 27 38 25 175 83 144 13	$1,943 \\ 74 \\ 396 \\ 28 \\ 34 \\ 37 \\ 76 \\ 180 \\ 63 \\ 116 \\ 69$	$\begin{array}{c} 2,075\\ 64\\ 522\\ 50\\ 33\\ 34\\ 99\\ 216\\ 61\\ 116\\ 159 \end{array}$	$\begin{array}{c} 1,836\\ 58\\ 643\\ 73\\ 24\\ 23\\ 97\\ 326\\ 39\\ 129\\ 201\\ \end{array}$	$1, 515 \\ 23 \\ 454 \\ 72 \\ 14 \\ 35 \\ 79 \\ 268 \\ 47 \\ 128 \\ 154 \\ 154 \\ 154 \\ 154 \\ 154 \\ 151 \\ 1$	1, 345 10 200 47 21 21 34 234 55 12 8
thous. of dolls Sporting goodsthous. of dolls Stationery and booksthous. of dolls Tobacco manufacturesthous. of dolls Miscellaneousthous. of dolls Linage, total tthous. of lines	$ \begin{array}{c} 364 \\ 130 \\ 127 \\ 1, 184 \end{array} $	$\begin{array}{r} 451 \\ 125 \\ 66 \\ 320 \\ 133 \\ 212 \\ 1, 173 \end{array}$	533 70 104 393 139 262 1, 310	$\begin{array}{r} 639 \\ 51 \\ 237 \\ 446 \\ 164 \\ 298 \\ 1, 607 \end{array}$	$\begin{array}{r} 464 \\ 65 \\ 267 \\ 472 \\ 213 \\ 303 \\ 1,754 \end{array}$	$358 \\ 146 \\ 326 \\ 352 \\ 259 \\ 264 \\ 1, 641$	$\begin{array}{c c} 277 \\ 104 \\ 160 \\ 332 \\ 223 \\ 181 \\ 1, 116 \end{array}$	632 41 170 347 195 190 1,490	$\begin{array}{r} 643 \\ 49 \\ 118 \\ 392 \\ 278 \\ 203 \\ 1, 630 \end{array}$	$702 \\ 79 \\ 135 \\ 392 \\ 311 \\ 188 \\ 1,729$	750 136 121 457 388 197 1,732	$\begin{array}{r} 668 \\ 178 \\ 111 \\ 383 \\ 345 \\ 168 \\ 1, 544 \end{array}$	$51\\14\\10\\32\\23\\14\\1,27$
Rewspaper advertising. Linage, total (22 cities)thous. of lines. Classifiedthous. of lines. Displaythous. of lines. Automotivethous. of lines. Financialthous. of lines. Generalthous. of lines. Retailthous. of lines.	- 53, 710 86, 339 18, 158 65, 181 6, 797 1, 392 15, 198 44, 794	$ ^{a}$ 49, 481 78, 839 17, 563 61, 275 4, 754 1, 621 13, 034 41, 866	$\begin{array}{c} 62, 324\\ 93, 003\\ 18, 359\\ 74, 644\\ 3, 684\\ 1, 645\\ 15, 606\\ 53, 708 \end{array}$	$\begin{array}{c} 70,753\\ 103,323\\ 19,171\\ 84,153\\ 3,052\\ 1,975\\ 18,891\\ 60,235 \end{array}$	$\begin{array}{c} 63,855\\ 94,967\\ 16,423\\ 78,545\\ 3,740\\ 1,737\\ 16,823\\ 56,245\end{array}$	60, 735 91, 509 15, 689 75, 820 3, 913 1, 651 8, 908 61, 348	52,077 77,957 15,282 62,675 4,866 2,281 14,197 41,331	47, 186 72, 539 14, 083 58, 456 3, 048 1, 637 15, 188 38, 584	$\begin{array}{c} 49,884\\ 76,364\\ 14,810\\ 61,554\\ 2,503\\ 1,951\\ 13,869\\ 43,230\end{array}$	$\begin{array}{c} 60,118\\ 91,053\\ 17,000\\ 74,053\\ 4,685\\ 1,511\\ 15,289\\ 52,569\end{array}$	$\begin{array}{c} 62,184\\ 94,649\\ 17,019\\ 77,630\\ 7,021\\ 1,528\\ 16,133\\ 52,947\\ \end{array}$	$\begin{array}{c} 61,258\\ 93,168\\ 16,345\\ 76,823\\ 7,991\\ 1,722\\ 16,448\\ 50,663\\ \end{array}$	$\begin{array}{c} 49,36\\78,31\\16,66\\62,25\\6,13\\2,39\\14,27\\39,44\end{array}$
COLLECTIONS													
Delinquent accounts, electrical trade: Amountdollarsdollarsdollars	- 19, 718 379	60, 096 902	49, 868 738	48, 104 680	47, 646 641	41, 515 686	40, 829 633	39, 575 542	31, 165 520	$35,530 \\ 625$	34, 668 651	31, 411 474	21, 78 34
FINANCIAL INDICATORS													
Bank debits. (See Finance.) Business failures. (See Finance.) Commercial loans. (See Finance.) Money in circulation. (See Finance.)													
GOODS IN WAREHOUSES													
Space occupied, public merchandising ware- housespercent of total.	•	. 62.7	62.0	61.7	62. 1	61.7	60.7	60.8	60.2	60.4	60, 5	61.9	62
NEW INCOBPORATIONS			1										
Business incorporations (4 States)number.	- 2,392	2, 909	2, 661	2, 592	2, 458	2, 681	3, 307	2, 839	2,674	2, 665	3, 373	2, 933	2, 4
POSTAL BUSINESS Air mail, weight dispatchedpounds.		. 568, 887	555, 661	567,006	533, 047	542, 326	524, 721	493, 416	586, 822	568, 740	612,653	643, 449	644.1
Money orders: Domestic, issued (50 cities):			2,971	3, 219					3, 936				3, 0
Numberthousandsthous	1	30, 286	29, 378	31, 056	3, 152 30, 201	3, 574 32, 745	30, 038	31, 864	59, 711	3, 261 35, 866	3, 417 35, 399	$3,240 \\ 33,129$	30, 9
Numberthousandsthousa	. 87,281	8,306 72,506 2,692	8, 441 74, 483 2, 962	9,430 79,092 2,538	9, 221 75, 369 2, 799	10, 151 78, 670 6, 340	67, 210	65, 370	$ \begin{array}{c c} 10, 445 \\ 136, 196 \\ 2, 630 \end{array} $	9,622 94,163 2,832	9,737 88,465 2,261	$ \begin{array}{c} 10,027\\ 88,721\\ 2,330 \end{array} $	8, 8 81, 7
Receipts, postal: 50 selected citiesthous. of dolls.		23, 851	25, 770	26, 711	26, 109	33, 097	24,674	22, 559	24, 422	23, 810	24, 393	24,988	
50 industrial citiesthous. of dolls. RETAIL TRADE		2, 900	2, 835	3, 030	2, 840	3, 789	2, 955	2, 659	2, 646	2, 678	2, 703	2,701	
Chain-store sales:													
Combined index (19 companies)* † av. same mo. 1929-31=100. Apparel (3 companies)* †	84	80	83	82	a 80	79	80	76	75	78	78	82	
av. same mo. 1929-31=100. Grocery (6 companies)*		a 75	a 83	a 80	a 78	a 74	a 76	a 73	63	a 84	a 79	٥ 81	
av. same mo. 1929-31=100. Five-and-ten (variety) stores:	1	1	82	80	78	80			74		76	79	
Total, 8 chains, unadjusted1923-25=100. Total, 8 chains, adjusted1923-25=100. F. and W. Grand:	129 139		123 135	142 133	130 129	226			110 121	$129 \\ 140$	126 130	125 137	
Salesthous. of dolls. Stores operatednumber.		1, 137 75	1, 171 72	1,306 73	1, 276 76	2, 250 76) 862 5 76	936 74	1, 058 74	1, 338 74	1, 249		
S. S. Kresge Co.: Salesthous. of dolls. Stores operatednumber.	9,921		9, 430 722	10, 506	9, 841 723	18, 051	7,706	8, 054 718	8, 492 717	10, 228	9, 941 716	10, 305	9, 4
S. H. Kress & Co.: Salesthous. of dolls. Stores operatednumber.	5, 417	4, 862	4, 914 227	5, 151 229	4, 854 229	9, 327	3, 913	3, 896	4,087	4,766	4, 978 231	4, S30 231	4,
McCrory Stores Corp.: Salesthous. of dolls. Stores operatednumber.			2, 825	3, 475	3,129	5, 830	2, 537	2, 339	2, 383		2, 361	2, 551 230	5,
G. C. Murphy Co.: Salesthous, of dolls.	1	1	241	241	242 1, 563	242 2,855	i i	1	240		1	1,808	1,
Stores operatednumber. Isaac Silver & Bros.:	179	173	174	175	175	176	176	177	178	178	178	179	
Salesthous. of dolls. Stores operatednumber.		- 534 - 40	601 40	596 39	541 39	997		364 35				$511 \\ 32$	

New series. For footnote, see p. 19 of the December 1932 issue

 Revised series. For earlier data see p. 20 of this issue. (Magazine Advertising) Chain-store sales revised for 1932; combined index May 87. Apparel group: January 91, February 91, March 80, April 93, May 87, June 81 and July 75.

SURVEY OF CURRENT BUSINESS

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933			1932						1933			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
		DOI	MEST	іс ті	RADE	-Cont	inued						
BETAIL TRADE —Continued													
Chain-store sales—Continued Five-and-ten (variety) stores—Continued F. W. Woolworth Co.:										1			
Salesthous. of dolls Stores operatednumber Grocery chains:	20, 357 1, 936	18, 244 1, 920	19, 463 1, 925	22, 473 1, 930	20, 216 1, 932	33, 099 1, 932	15, 845 1, 927	16, 245 1, 927	17, 511 1, 929	20, 159 1, 929	19, 801 1, 931	19, 344 1, 935	19, 58 1, 93
A. & P. Tea Co.: Sales, value totalthous. of dolls Weekly averagethous. of dolls Sales, tonnage, totaltons	76,005 15,201 458,606	79, 317 15, 863 490, 487	63, 625 15, 906 391, 804	66, 530 16, 633 415, 659	62, 849 15, 712 395, 275	79, 616 15, 923 498, 470	57, 235 14, 309 371, 394	61, 102 15, 276 406, 156	74, 981 14, 996 495, 192	61, 056 15, 264 405, 660	61, 525 15, 381 397, 498	79, 503 15, 901 507, 361	63, 44 15, 86 382, 75
Weekly averagetons Restaurant chains: Total sales. 3 chains:	91, 721	98, 097	97, 951	103, 915	98, 819	99, 694	92, 849	101, 539	99, 038	101, 415	99, 375	101, 472	95, 68
Salesthous. of dolls Stores operatednumber Childs Co.:	3, 298 £76	3, 314 382	3, 403 382	3,406 383	3, 386 382	3, 641 382	3, 425 381	3, 081 381	3,290 382	3, 201 381	3, 173 379	3, 012 376	3, 04 37
Salesthous. of dolls Stores operatednumber J. R. Thompson Co.:	1, 191 103	1, 268 107	1, 311 107	1,350 106	1, 445 105	1, 554 105	1, 431 105	1, 278 105	1, 311 105	1, 320 105	1, 227 104	1, 147 103	1, 14 10
Salesthous. of dolls Stores operatednumber Waldorf System (Inc.):	1,082 117	1,001 115	976 116	950 117	887 117	918 117	884 117	784 117	875 116	826 116	865 116	863 115	91 11
Salesthous. of dolls Stores operatednumber Other chains: W. T. Grant & Co.:	1, 025 156	1, 045 160	1, 116 159	1, 106 160	1,054 160	1, 169 160	1, 110 159	1, 019 159	1, 104 161	1, 055 160	1, 081 159	1,002 158	99 15
Saleshous. of dolls Stores operatednumber J. C. Penney Co.:	5, 752 454	5, 055 434	5, 658 438	6, 962 442	6, 334 444	$11,368 \\ 445$	4, 270 446	4, 491 449	5, 137 451	6, 277 451	6, 553 451	6, 512 452	5, 78 45
Salesthous. of dolls Stores operatednumber Department-store sales and stocks:	14, 204 1, 477	a10, 747 1, 472	13, 053 1, 474	16, 752 1, 477	15,042 1,477	18, 942 1, 476	8, 688 1, 473	8, 460 1, 474	10, 234 1, 478	14, 592 1, 478	14, 433 1, 478	14, 617 1, 478	13, 56 1, 47
Sales, total value, adjusted1923-25=100 Sales, total value, unadjusted1923-25=100 Atlanta	a 77 a 59 66	65 49 53	68 71 65	69 75 75	63 73 63	60 106 96	60 49 43	60 49 48	57 50 49	67 68 59	67 67 66		a 7(4(4(
Boston 1923-25=100. Chicago 1923-25=100. Cleveland 1923-25=100. Dallas 1923-25=100.	$56 \\ 61 \\ 62 \\ 61$	48 50 44 47	75 69 55 72	80 71 61 77	76 65 57 68	115 100 90 99	50 49 41 42	43 46 41 45	51 50 42 53	64 63 64 62		65 66 58 54	a 41 a 48 41 a 44
Kansas City		50 50 56	73 72 80	71 62 95	64 56 91	96 85 134	44 40 56	45 37 54	53 56 65		63 60 76	57 55 77	a 44 4(
Philadelphia [*]	$50 \\ 67 \\ 58$	42 55 47	53 77 71	74 94 68	66 86 67	101 137 92	44 54 43	40 51 42	49 61 47	60 78 60	59 81 60	58 74 57	39 51 42
San Francisco	76	75 9.6	73 9. 3	79 9. 9	68 7.3	121 4. 1	54 6. 2	52 7. 1	59 6.3	68 5. 3	73 6. 9	66 5. 7	6 7.1
Stocks, value, end of month: Unadjusted	$\begin{array}{c} 62\\ 64\end{array}$	59 61	63 60	67 61	69 61	$\begin{array}{c} 56 \\ 60 \end{array}$	52 58	54 57	55 54	55 53	56 55	56 57	56 60
Mail-order and store sales: Total sales, 2 companiesthous. of dolls Montgomery Ward & Cothous. of dolls Sears, Roebuck & Cothous, of dolls	40, 327 15, 657 24, 670	33, 777 12, 988 20, 789	39, 156 14, 638 24, 518	45, 423 19, 805 25, 618	41, 281 16, 552 24, 729	51, 556 21, 055 30, 501	26, 958 10, 100 16, 858	26, 176 10, 114 16, 062	27, 554 11, 211 16, 343	35, 365 15, 574 19, 791	37,778 15,103 22,675	38,986 16,165 22,821	33, 560 13, 61 19, 95

EMPLOYMENT CONDITIONS AND WAGES

EMPLOYMENT								,					
Factory, unadjusted (F.R.B.)1923-25=100	73.4	58.6	61.5	62.0	60.9	59.6	58.1	59.2	56.7	57.8	60.0	64.1	68,9
Cement clay and class 1022-25=100	55.8	42.1	43.4	44.9	44.6	41.4	36.7	37.8	38.1	40.5	43.7	48.4	51.8
Coment 1923-25-100	50.4	39.2	43.3	44.3	42.4	34.0	31.0	30.7	31, 0	36.7	38.4	44.1	47.6
Clay products $1923-25 = 100$	47.2	38.0	38.5	39.4	39.0	36.1	30.4	31, 4	31.2	32.5	35.3	39.1	43.7
$G_{1988} = 100.1$	76.0	51.8	53.4	56.0	57.0	56. 2	52.2	54.4	55.6	58.6	63.2	69.4	70.3
Cement. 1923-25 = 100 Clay products. 1923-25 = 100. Glass. 1923-25 = 100. Chemicals and products. 1923-25 = 100.	89.9	72.2	74.0	75.1	75.5	75.4	76. 2	77.3	78.2	82.4	78.9	79.4	84.0
Chemicals and drugs 1923-25=100	100 7 1	75.7	76.9	79.4	80.1	79.6	80.2	80.5	80.1	78.8	80.8	85. 0	92.3
Petroleum refining $1923-25=100$	79.7	75.8	76.6	74.6	74.3	75.4	75.0	75.7	75.8	75.9	76.8	78.1	78.1
Food products $1923-25=100$	89.3	80.7	83. 8	85.0	82.9	81.5	78.6	78.4	76, 9	78.2	80.2	81.9	83.1
Petroleum refining	72.7	50.4	51.7	53.3	53, 6	52.1	49.6	51.8	49.1	50.6	53. 2	58.1	65.3
Leather and products $1923-25=100$	88.7	76.1	78.0	79.0	72.7	70.0	73.3	77.3	76.6	75.0	76.4	79.6	85.4
Leather and products	88.7	79.4	81.1	81.7	73.4	70.3	74.6	79.2	78.8	77.7	77.8	80.1	86. 0
Leather	88.6	62.6	65.0	67.9	69.6	68.6	68.1	69.6	67.8	63.9	70.9	77.9	83.0
Lumber and products	47.6	36.4	37.7	39.0	38.1	36.6	33.8	33.4	31.8	32.8	35.3	39.9	44.0
Lumber and products	57.1	46.4	45.9	45.8	46.0	46.0	44.0	44.4	42.8	43.1	44.5	48.0	51.8
Metals ponferrous 1923-25=100	65.4	45.8	46.6	47.1	48.4	46.8	44.4	45.3	42.3	44.4	47.9	53.5	59.5
Paper and printing 1923-25=100	86.9	79.3	80.9	82.3	82.2	81.6	80.2	80.1	78.7	78.4	79.4	80.9	82.5
Paper and printing 1923-25=100 Rubber products 1923-25=100 Auto tires and tubes 1923-25=100	83.3	63.6	60.2	60.5 j	61.2	61.8	59.1	59.4	57.0	57.1	60.2	68.1	77.0
Auto tires and tubes	91.6	66.3	63.3	62.9 I	62.7	62.2	61.3	62.5	60.4	60.6	66.6	76.4	86.0
Boots and shoes	58.4	55.2	50.7	53. 3 1	56.6	60.3	52.7	50.4	46,4	46.7	40.8	43.2	50.0
Boots and shoes	87.8	62.3	71.9	75.7	73.1	71.1	69.6	72.3	67.7	69.7	73.0	79.9	85.7
Fabrics	96.4	63.8	72.6	76, 2	75.2	74.1	72.8	73.7	68.1	69.6	75.7	85.8	94.1
Wearing apparel	66.4	58.4	70.3	74.4	67.8	63.4	61.7	69. O j	66.7	69.8	66.1	64.9	64.7
Tobacco manufactures	67.6	68.3	69.9	71.9	72.7	68.8	60.4	63.4	57.6	56.3	64.2	66.4	65, 6
Transportation equipment1923-25=100	51.7	45.1	43.1	41.3	43.3	44.8	46.1	45.1	42.5	41.4	43.7	44,6	49.2
Automobiles 1923-25 ≈ 100	60.9	50.8	44.3	37.3	40.5	45.2	50.4	49.6	43.9	44.4	47.8	51.6	58.4
Car building and repairing1923-25=100	43.7	38.7	40.1	42.1	43.4	42.7	41.3	40.6	40.3	38.5	39.7	38, 4	41.4
Shipbuilding	64.5	66.9	64.5	63.4	62.4	62.4	60.9	57.1	54.1	49.8	53.4	53, 8	58.7
Factory adjusted (F, R, R) 1923-25=100	73.3	58.8	60.3	61.1	61.2	60.6	59.4	59.4	56, 6	57.7	60.6	64.8	70.1
Cement, clay, and glass1923-25=100	53.9	40.5	41.9	43.8	44.3	42.6	39.4	39.9	38.9	40.2	42.6	46.8	51.6
Cement	46.9	36.4	41.1	42.6	41.8	35.3	34.0	33.8	33.1	37.3	37.6	42.1	45.2
Clay products1923-25=100	45.3	36.4	37.3	38.8	39.0	37.1	32.8	33.4	32, 1	32.2	34.2	37.5	42.4
Cement. clay, and glass 1933-25 = 100 Cement. 1923-25 = 100 Clay products 1923-25 = 100 Class 1923-25 = 100	74.9	51.1	51.6	54.4	56.0	57.7	55.7	56 0	55, 3	57.8	62.3	67.7	73.3
Chemicals and products	92.4	74.0	73.7	74.9	75.2	75.2	76.4	76.4	75.6	77.6	80.3	82.3	87.5
Chemicals and drugs	103.3	77.6	77.0	78.6	78.6	78.3	79.7	78.9	79.1	78.1	82.1	86.7	95.6
Chemicals and products1923-25=100 Chemicals and drugs1923-25=100 Petroleum refining1923-25=100	78.3	74.4	75.2	74.7	75.0	76.3	76.4	76.7	76.6	75.9	76.9	77.4	76.4
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*New series. For earlier data see p. 20 of the December 1932 issue.

* Revised.

October 1933

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933			1932						1933			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	Мау	June	July
EMPL	OYM	ENT (COND	ITIO	NS AI	ND W	AGES	iCon	tinued				
EMPLOYMENT-Continued													
Factory, adjusted (F.R.B.)—Continued Food products	89.7	81.0	81.8	81.3	80.7	80. 0	79.6	79.2	78.4	81.2	82.6	82.3	83, 6
Iron and steel1923-25=100 Leather and manufactures1923-25=100	73.2 86.4	50.6 74.0	$51.3 \\ 74.9$	$53.2 \\ 76.1$	53.8 73.2	52.8 72.0	50.6 72.9	51, 4 75, 6	48.3 75.7	50.0 76.4	52. 5 79. 7	$58.1 \\ 83.9$	66. 3 85. 7
Boots and shoes	85.7 89.0	76.7 62.9	77.3 65.0	78.1 67.9	74.1 69.1	72.9 68.3	74.4 66.9	77.5 67.5	$78.0 \\ 66.2$	79.3 64.4	$81.4 \\ 72.6$	84.7 80.3	86.0 84.6
Lumber and products1923-25=100 Machinery1923-25=100	46.6 57.1	35.7 46.4	36.6 46.0	$37.6 \\ 46.1$	37.3 46.6	36.8 46.4	35.0 44.5	34.4 44.2	32. 5 42. 2	33. 3 42. 6	35.7 44.2	40.0 47.7	43.8 51.7
Metals, nonferrous	66.1 88.1	46.4 80.4	$\begin{array}{c} 47.2\\81.1\end{array}$	47.8 82.0	48.9 81.1	47.4 80.2	44.8 79.6	44.4 79.9	41.0 78.5	43.4 78.8	47.4 79.9	53.6 81.6	60. 83.
Rubber products $1923-25 = 100$. Auto tires and tubes $1923-25 = 100$.	81.9 89.0	62.7 64.4	58.6 61.6	60.7 64.0	63.7	63.2 65.4	59.7 62.6	59.1 62.3	56.6 59.7	56.7 59.6	59.7 65.3	67.8 75.0	76. 84.
$\begin{array}{c} \mbox{Leather and manufactures.} & 1923-25=100.\\ \mbox{Boots and shoes.} & 1923-25=100.\\ \mbox{Leather} & 1923-25=100.\\ \mbox{Lumber and products.} & 1923-25=100.\\ \mbox{Machinery} & 1923-25=100.\\ \mbox{Machinery} & 1923-25=100.\\ \mbox{Paper and printing} & 1923-25=100.\\ \mbox{Rubber products.} & 1923-25=100.\\ \mbox{Rubber products.} & 1923-25=100.\\ \mbox{Auto tires and tubes.} & 1923-25=100.\\ \mbox{Auto tires and tubes.} & 1923-25=100.\\ \mbox{Rubber products.} & 1923-25=100.\\ \mbox{Rubber products.} & 1923-25=100.\\ \mbox{Rubber products.} & 1923-25=100.\\ \mbox{Rubber products.} & 1923-25=100.\\ \mbox{Fabrics.} & 1923-25=100.\\ \mbox{Fabrics.} & 1923-25=100.\\ \mbox{Transportation equipment.} & 1923-25=100.\\ \mbox{Transportation equipment.} & 1923-25=100.\\ \mbox{Automobiles.} & 1923-25=100.\\ \mbox{Rubber products.} & 1923-25=100.\\ \mbox{Transportation equipment.} & 1923-25=100.\\ \mbox{Automobiles.} & 1923-25=100.\\ \mbox{Rubber products.} & 1923-25=$	60.5 91.2	57.2 64.8	49.4 72.2	51.0 74.3	53.6 72.3	56.3 70.4	51.2 69.2	49.6	47.3 65.4	47.9 68.5	42.9 73.4	46.2 81.6	52. 90.
Fabrics	99.8 69.6	66.1 61.5	73.6 68.6	75.5	73.9 68.9	72.9 64.0	72.2	72.2	66.9 61.9	69.2 66.8	75.9 67.4	86.7 68.7	97. 71.
Transportation equipment 1923-25 = 100 Transportation equipment 1923-25 = 100	67.7 51.4	68.3 44.8	67.9 42.8 43.0	68.3 41.4 37.3	68.6 45.6	67.7 47.4	64.9 47.4	64.1 45.0 48.9	57.8 41.7	57.5 40.1 41.5	65.4 41.9	$ \begin{array}{r} 66.9 \\ 43.9 \\ 50.3 \end{array} $	67. 49.
Car building and repairing $-1923-25 = 100$.	59.7 43.5 68.2	49.8 38.6 70.7	40.0	41.9 67.6	45.6 43.6 65.0	51.6 42.8 62.4	53.3	41, 1	41.9 40.5 50.9	41.0 38.3 47.0	43.8	$ \begin{array}{r} 50.5 \\ 38.2 \\ 53.2 \end{array} $	58. 41. 60.
Shipbuilding1923-25=100 Factory, by cities and States:	00.2	10.1	09.2	07.0	03.0	02.4	59.1	54.1	50.8	47.0	52.1	00.2	00.
Cities: Baltimore*1929-31=100 Chicago*1925-27=100 ClevelandJan_1921=100	76.8	$^{a}65.1 \\ 53.0$	66.6 53.4	67.1 53.3	64.7 51.8	64.9 49.8	61.2 49.2	63.5 49.7	60. 5 48. 2	64.3 49.3	$63.6 \\ 51.1$	$64.8 \\ 53.4$	71. 56. 1
	83.6 64.7	66.7 29,2	65.1 37.4	65.2 42.0	65.6 39.3	66.6 48.0	66.6	66.8 49.2	61.7 41.8	65.3 50.0	68.8 52.5	73, 9 60, 7	78. 0 62. 8
Milwaukee *1925-27 = 100 New York 1925-27 = 100	76.6 63.4	53.7 55.3	55.4 59.6	55.4 61.6	55.7 59.5	54.4 57.9	28.8 53.7 55.8	54.1 58.0	54.3 56.3	57.4 57.8	$61.0 \\ 58.4$	$68.2 \\ 59.1$	71, 9 59, 2
Philadelphia†	72.9	58.3	61.3	64.2	63.3	60.9		58.9	57.1	57.8	60.9	64.1	66.0
Delawaret	94.2 67.9	68.8 53.5	72.8 54.5	71.6 54.4	72. 2 53. 5	74.2 51.7	74.1 50.7	75. 2 52. 1	72.1 50.8	70.3 51.7	73. 8 53. 6	80.0 57.2	87.9 60.9
Initions 1923 = 100. Iowa 1923 = 100. Massachusetts * 1925-27 = 100. Naryland * 1929-31 = 100. New Jersey† 1923-25 = 100. New York 1925-27 = 100.	95.3 73.2	91.5 56.6	94.0 62.2	95.1 64.7	93.5 61.4	92.6 59.1	85.6 58.1	88.2 60.3	83.2 56.2	83.7 56.4	86.4 58.5	90.5 62.9	93. 0 69. 0
Maryland *1929-31=100 New Jersey†1923-25=100	84.0 74.9	66.5 63.4	68.9 66.0	71.0	69.9 65.5	69.4 65.2	65.4 62.2	67.5 63.4	64.3 60.9	67.5 60.8	68.3 63.7	$\begin{array}{c} 71.0\\67.3\end{array}$	78.9 70.4
New York1925-27 = 100 Ohio1926 = 100	65.7 79.9	54.4 59.3	57.8 60.3	59.5 61.4	58.9 61.5	$57.1 \\ 60.7$	55.4 60.6	56.3 61.5	53.7 57.2	55.3 60.5	57.1 65.7	59.5 72.5	62.2 • 76.4
Noimanufacturing (Dept. of Labor):	73.4	59.6 60.2	63.6 61.1	65.6 60.5	65.2 60.1	63.3 58.8	60.3 57.3	61.8 58.8	58.8 58.6	59.0 60.8	62.6 63.3	65.5 69.5	68. 2 75. 9
Winner'	1												
Anthracite	47.7	49.2 59.4	55.8 62.4	63.9 67.0	62.7 69.4	62.3 70.0	52.5 69.8	58.7 69.3	54.6 67.6	51.6 63.7	43.2 61.2	39.5 61.3	43.8
Metalliferous 1929=100. Petroleum, crude production 1929=100.	36.8	28.6 57.4	29.3 56.2	30.5 56.8	31.9 56.5	33. 3 57. 2	32.4 57.2	31.5 57.0	30. 0 56. 5	29.4 56.8	30.0 56.9	$31.5 \\ 58.0$	33. 0 59. 5
Quarrying and nonmetallic1929=100 Public utilities:	51.6 69.5	51.1	52.4	52.4	49.4	42.3	35.1	34.8	35.1	39.3 69.5	43.4	47.3	49.5
Electric railroads	78.1	74.1 81.5 78.1	73.5 81.0 77.4	72.3 79.9 76.2	71.8 79.1 75.5	71.4 78.4 74.8	70.6 77.7 74.6	70.4 77.4 73.9	69.8 76.9 73.2	76.9 72.3	69.1 76.9 70.1	$\begin{array}{c} 69.3 \\ 77.3 \\ 69.2 \end{array}$	69.4 77.5 68.5
Trade: Retail	78.1	72.6	77.8	81.3	81.7	95.2	74.0	73.4	71.4	78.6	77.0	78.3	74.6
Wholesale1929=100 Miscellaneous:	79.7	76.4	77.1	77.8	77.6	77.0	75.3	74.1	73.1	73.3	74 0	75.7	76.9
Banks, brokerage houses, etc.*_1929=100 Canning and preserving1929=100	98.5 112.7	98.7 99.0	98.6 125.3	98.7 81.1	98. 2 50. 5	98.0 33.7	97.6 34.1	97.0 35 1	96.8 33,2	96.3 49.2	96.4 45.5	97.4 55.6	97.8 76.6
Dursing and alconing* 1000-100	1 82 1	79.5 77.6	83.3 77.0	82.3 75.4	78.0 74.3	75. 2 73. 2	73.0 73.8	70.9 73.8	71.2 72.4	81.1 71.9	82.0 71.9	85.6 73.6	82.9 75.6
Hotels	77.9	78.9	78.6	77.5	76.2	75.9	75.4	74.4	73.0	73.4	73.5	76.0	76.3
Farm employees, hired, average per farm	27.6	37.9	40.8	35.7	30.4	24.8	23.9	21.3	20.1	22.1	24.0	26.9	26.8
number. Federal and State highway employment,		1,01	1.09	. 89	.77	.72	.74	. 69	. 79	.86	.96	1.01	
total*number Construction*number Maintenpage*	329,813 171,576 158,237	333, 403 182, 201 151, 202	374, 405 219, 277	373, 246 214, 427 158, 819	210,939	290, 465 150, 479 139, 986	266, 443	255, 256 114, 567 140, 689	279, 213 133, 595 145, 618	299, 882 162, 816 137, 066	330, 138 187, 371	359, 605 206, 664 152, 941	332, 277 190, 633
Maintenance*number Federal civilian employees: United States*number	108, 207	611,010	610, 948	608, 488	607,904	600,943	151,039 599,990	600, 311	603, 818	605, 554	142, 767 610, 652	601.944	141, 644 591, 186
Washingtonnumber Railroad employees, class Ithousands		67, 259 996	67,070 1,010	66,974 1,033	66, 388 1, 013	66, 302 994	66, 800 960	66, 802 956	67, 557 934	67, 063 939	66, 560 952	65, 437 973	65, 991 1, 005
Trade-union members employed: All tradespercent of total.	69	67	68	69	68	66	65	66	66	67	67	69	69
Building trades*percent of total	34	36 55	35 54	35 54	33 54	31 54	30 53	29 50	28 51	29 51	31 53	33 55	3.9
Printing trades*percent of total All other trades*percent of total On full time, all tradespercent of total	1 78 1 81	78 78	80 80	80 82	81 81	80 79	80 78	78	78 78	78 80	77 80	81	55 71 81
On full time, all tradespercent of total	49	46	46	47	45	44	45	46	44	46	47	48	48
Factory operations, proportion of full time		~				_	-						
worked, totalpercent Chemicals and productspercent	92 93	83 90	85 91	86 91	85 90	84 90	84 89	85 90	84 89	86 92	88 94	90 95	91 93
Food productspercent Leather and productspercent	94 95	94 84	95 87 79	95 86 70	94 80	93 80	94 86	93 90	92 88	94 88	95 90	94 92	95 94
Lumber and productspercent Metal products:	91	74 67	78	79	76 70	73 68	73	77	77	82	84	87	8
Iron and steelpercent. Otherpercent	85 86 94	67 73 83	68 78 86	73 80 87	70 80 86	68 80 85	70 78 86	72 77 88	70 73 87	73 76 88	77 81 89	82	8
Paper and printingpercent Stone, clay, and glasspercent Tortile products	91	83 79 88	80 79 93	87 80 94	80 78 92	85 78 90	80 85 89	88 83 90	87 83 87	88 84 90	89 87 93	91 89 96	8
Textile products	86	00 79 78	93 78 78	79 81	80 82	82 84	80 87	90 79 86	87 78 83	90 83 90	93 83 89	90 84 90	80 95 96 96 88 96 88 96
Transportation equipmentpercent Automobilespercent Hours of work per week in factories:*	93	70	69	73	76	80	85	80 82	83 76	90	89 88	90 92	90
Actual, avg. per wage earner	38.8	32. 2	34.9	36.5	36. 5	35.4	34.9	35. 2	32. 2	33.8	37.4	41.2	42.6

• New series. For earlier data see p. 20 of the October 1932 issue (hours of work) and p. 18 of the December 1932 issue and pp. 19 and 20 of the June 1933 issue (employment). Data for Massachusetts subsequently revised for 1931, 1932, and 1933. See p. 19 of the August 1933 issue. • Revised. † Revised series. For earlier data see p. 19 of the September 1933 issue.

SURVEY OF CURRENT BUSINESS

fonthly statistics through December 1931, together with explanatory toctnotes and refer-	1933			1932						1933			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
EMPI	очм	ENT	CONI	oitio	NS Al	ND W	AGE	SCor	ntinued	l			
LABOR CONDITIONS-Continued						~							
abor disputes: † Disputes		38	33	23	21	12	29	32	41	46	a49	a63	13
abor disputes; ; Man-days lostnumber Workers involvednumber abor turnover (quarterly);*		754, 423 27, 717	566,045 7,456	147,059 2,324		40, 492 997	240, 912 8, 790	109, 800 6, 706	445,771 12,794	535,039 19,857	a603, 723 a16, 534	^a 537, 983 ^a 29, 417	2, 143, 08
abor turnover (quarterly):* Accessionspercent of no. on pay roll			12.55			10.50	1		8.50	1		20, 86	
Separations:		1	.45			. 43			. 38			. 52	
Dischargedpercent of no. on pay roll Laid-offpercent of no. on pay roll Voluntary quits		3	10.78			8.75			10.14			4.46	
percent of no. on pay roll.			2.10			1. 77			1.56			2. 23	
PAY ROLLS				1			l				ļ		Į –
actory, unadjusted $(F.R.B.)$ 1923-25=100 Cement, clay, and glass1923-25=100	55.7 34.6	40.1 23.9	42.1 24.6	43.5 23.4	41.8 25.7	40. 9 23. 3	39.2 20.2	40.0 20.9	36.9 20.6	38.6 22.0	42.0 25.1	46.2 29.1	49. 30.
Cement 1923-25 = 100	31.6	25.1 17.6	26.3 18.4	27.0 20.0	24.8 19.0	$18.4 \\ 17.5$	16.1 13.4	16.0 14.3	16.4 13.8	18.3 14.2	21.2 15.9	25.1 18.8	27. 21.
Clay products	25.3 55.2 72.2	35.9 60.0	35.8 59.8	38.7 60.7	39.5 60.9	$37.8 \\ 59.8$	36.0 60.7	37.3 60.8	36.7 60.4	39.9 60.8	45.9 61.9	52.1 64.6	49. 67.
Chemicals and drugs $1923-25 = 100$. Petroleum refining $1923-25 = 100$. Food products $1923-25 = 100$.	79.4 66.7	58.1	58.4 66.3	61.9 63.3	$\begin{array}{c} 62.3\\ 63.1 \end{array}$	60. 5 62. 8	60.6 64.6	61.1 64.3	59.8 64.5	58.4 63.8	62.0 65.1	66.9 66.3	72. 66.
Food products $1923-25 = 100$	71.7	67.9	70.8	70.9	67.0	66.1	64.1	62.7	59.8	62.6	64.8	66.3	68.
Iron and steel1923-25=100 Leather and products1923-25=100	52.7 69.3	22.1 51.7	23.4 54.5	26. 2 55. 0	$25.6 \\ 43.8$	$24.2 \\ 42.0$	22.7 43.7	24.7 50.0	22.4 47.1	24. 4 45. 9	29.5 50.8	36.2 57.4	42. 64.
Boots and shoes1923-25=100 Leather1923-25=100	67.7 75.1	52.4 49.0	55.2 52.3	54.6 56.3	40.7 55.0	38.7 53.9	41.7	49.0 53.9	46.2	46.0 45.4	49.2 56.6	54.9 66.4	62. 71.
Lumber and products $1923-25=100$. Machinery $1923-25=100$.	28.9 38.9	19.3	20.9 27.0	$22.4 \\ 27.7$	20.9 27.4	18.8 28.0	16.3 26.0	16.3 26.3	$14.3 \\ 24.0$	15.6 24.4	18.0 27.4	21.7 32.0	24. 35.
Metals, nonferrous	50.4 70.8	23.9	30.3	32.2 71.7	31.9 70.2	30.1 69.8	27.5	27.4 65.8	25.1	27.4	34.5 64.9	41.4	46. 67.
Rubber products	64.4	41.5	36.4	33.9	38.6	39.8	35.4	35.8	63.3 31.1	$62.4 \\ 34.2$	46.2	66.6 57.3	65.
Auto tires and tubes	66.4 56.5	43.0 35.7	85.6	38.1 42.4	36.1 48.3	36.7 52.2	34.8 38.0	35.7 36.3	31.7 28.6	35.2 30.2	49.0 34.7	62, 0 38, 4	69. 47.
Textiles and products1923-25=100 Fabrics1923-25=100	67.0 77.0	42.3 42.1	53.1	55.6 55.2	49.4 51.9	46.4 50.1	44.2 46.6	48.2 48.4	41.3 40.8	45.2 43.0	46.8	53.6 60.5	58. 67.
Wearing apparel	46.9 48.2	42.6 49.4	56.0 51.0	56.3 52.6	44. 2 52. 4	39. 1 50. 4	39.2 38.3	47.7 40.2	42.4 36.0	49.8 35.9	40.1 45.5	39.4 47.3	41. 47.
Transportation equipment1923-25=100	43.9	31.6	27.3 22.2	29.1 23.3	31.9	33.8	34.0	32.1	29.2	30.6	35.3	36.0	38.
Car building and repairing $-1923-25=100$.	52.5 36.4	32.7 28.6	28.9	31.4	27.6 33.7	32.0 33.5	36.3 30.8	32. 2 30. 8	27.0 29.9	$32.3 \\ 28.6$	40.4 30.6	$43.2 \\ 29.8$	
Food plottes 1923-25 = 100 Iron and steel 1923-25 = 100 Boots and shoes 1923-25 = 100 Leather and products 1923-25 = 100 Lumber and products 1923-25 = 100 Lumber and products 1923-25 = 100 Machinery 1923-25 = 100 Machinery 1923-25 = 100 Machinery 1923-25 = 100 Paper and printing 1923-25 = 100 Auto trees and tubes 1923-25 = 100 Boots and shoes 1923-25 = 100 Fabrics 1923-25 = 100 Fabrics 1923-25 = 100 Wearing apparel 1923-25 = 100 Tobacco manufactures 1923-25 = 100 Automobiles 1923-25 = 100 Car building and repairing 1923-25 = 100 Car building 1923-25 = 100	49.5	53.6	52.4	53.4	48.8	52.4	46.6	44.2	40.3	37.4	40.3	40.3	44.
actory by cities: 1929-31 = 100. Battimore * 1925-27 = 100. Chicago * 1925-27 = 100. Milwaukee * 1925-27 = 100. New York * 1925-27 = 100. actory. by States: 1923-25 = 100. actory. by States: 1923-25 = 100. Maryland * 1929-31 = 100. Massachusets * 1922-27 = 100. New York 1922-25 = 100. Massachusets * 1922-27 = 100. New Jorsey 1 1923-25 = 100. Massachusets * 1922-27 = 100. New York. 1923-25 = 100. New York. 1923-25 = 100. Wisconsin 1923-25 = 100. Wisconsin 1923-25 = 100. Wisconsin 1923-25 = 100. Wisconsin 1923-25 = 100. Onmanufacturing (Department of Labor): Mining:	65.9 39.5	45.9 31.6	47.2 32.0	48.7 31.4	$ 46.0 \\ 28.5 $	46.0 28.3	42.5 23.4	42.5 28.6	41. 4 25. 7	44.3 26.4	46.9 29.3	50.9 32.2	58. 35.
Milwaukee *1925-27=100 New York *1925-27=100	52.0 50.5	$30.1 \\ 45.8$	32.2 51.3	34.1 51.6	34.3 48.0	$31.6 \\ 46.2$	30.2 44.0	30.3 45.1	27.7 43.7	34. 8 46. 0	38.7 45.6	45.8 46.5	47. 47.
Philadelphia †	54.8	39.8	44.4	47.3	44.7	42.6	39.6	40.1	37.5	37.9	41.8	45.3	48.
Delaware †	64.9	47.3	50.7	50.9	49.4	52.2	49.6	51.4	47.0	45.0	51.2	56.9	66.
$\begin{array}{c} 11110015 \\ Maryland * \\ 1929 - 31 = 100 \\ \end{array}$	42.6	a31.0 a47.6	32.2 49.3	32.5 51.2	30, 1 43, 9	$ \begin{array}{r} 29.1 \\ 48.4 \end{array} $	28.5 44.7	29.6 45.7	27.2	28.2 45.9	31.3 49.1	35.4 53.1	37. 60.
Massachusetts *1925-27 = 100 New Jersev *1923-25 = 100	57.3	40.8 48.0	46.2 51.4	47.3	43, 5 49, 6	41.8 49.6	39.7 46.2	42.3 47.5	37.2 43.5	38.0 45.2	42.2 48.1	47.0	53. 54.
New York	51.0 53.0	41.2 34.8	$ 44.9 \\ 37.6 $	46, 4 40, 6	44. 2 39. 1	42.6 37.4	40. 1 33. 7	40.7 34.8	38.4	40. 1 33. 4	42, 4 37, 6	45.1 42.0	48.
Wisconsin $1925-27=100$	53.3	35, 3	37.0	39, 3	38. 2	35.0	32.5	34.0	32.5 32.6	36.4	40.6	46.8	49.
Mining:	40.0		17.0			50.0		70.0			20.0		
Anthracite1929=100	46.6 43.3	$ 41.4 \\ 26.4 $	47.0 30.2	66.7 37.8	51.0 38.0	$56.2 \\ 37.7$	43.2 36.1	$56.8 \\ 37.2$	48.8 30.7	37.4 26.6	30.0 26.9	34.3 29.2	38. 33.
Metalliferous1929=100 Petroleum, crude production1929=100	21. 9 42. 5		17.0 41.9	18.0 42.5	18.7 42.4	18.7 41.7	18.1 39.9	17.8 41.7	17.4 42.5	16.4 40.1	17.0 41.6	18.3 40.6	19. 42.
Quarrying and nonmetallic1929=100 Public utilities:	29.9	29.7	30, 5	30.1	27.1	22, 1	18,1	17.4	17.8	20.2	23.8	27.5	28.
Electric railroads1929=100 Power, light, and water1929=100	58.2	63.8 76.7	62.5 74.7	61.5 74.4	61.7 73.2	$\begin{array}{c} 61.9\\ 73.2 \end{array}$	60.9 73.0	60.6 71.6	59.4 71.9	58.1 69.4	58.2 69.9	58.0 69.9	57. 70.
Telephone and telegraph	66.1	79.1	75.9	75.7	74.3	73.5	71.7	71.9	71.6	67.8	68.5	66.6	66.
Retail	62.7 60.8	60.7 63.2	64. 6 63. 1	67.1 63.9	66. 9 63. 3	$73.6 \\ 62.6$	62.7 61.7	58.4	55.1	60.4 56.0	59.5 57.4	60.5 57.3	58. 59.
Miscellaneous:				ļ			[58.6	57.1	ł			
Banks, brokerage houses, etc.*_1929=100. Canning and preserving1929=100.	84.7 68.3	88.5 65.6	87.3 75.1	86.5 51.8	86.0 34.4	85.7 25.6	85. 5 24. 8	84.7 25.9	84.1 24.2	83.3 33.5	83.6 31.8	84.7 36.7	85. 46.
Dyeing and cleaning *1929=100 Hotels1929=100	52.8 54.0	56.3 59.6	61.0 59.1	58.8 58.6	52.3 57.5	48.4 56.6	46. 6 55. 7	42.4 55.9	41.0 53.5	54.6 51.7	53.9 51.8	56.7 52.3	52. 53.
Laundries *1929=100	57.6	63.9	62.9	61.2	59.1	. 58.7	57.9	55.5	52.9	54.0	54.5	56.7	56.
WAGES-EARNINGS AND BATES			ļ										
actory, weekly earnings (25 industries):* All wage earnersdollarsdollars	19.25	15.35	16.23	16.86	16.84	16.37	16. 21	16.13	14.56	15.39	16.71	18.49	19. 1
Male: Skilled and semiskilleddollars	22, 16	17.51	18.58	19, 25	19.40	18, 55	18.83	18,67	16.54	17.75	18.94	21.18	21.9
Unskilleddollarsdollarsdollarsdollars	16.17 13.83	$13.13 \\ 10.60$	13.94 11.70	$14.35 \\ 12.22$	$14.20 \\ 11.86$	$13.66 \\ 11.56$	13.89 10.97	13.92 10.96	12.27 9.93	13.30 10.09	$14.42 \\ 11.03$	15.83 12.30	16.4 12.9
All wage earners	72.3	57.7	61.0	63.4	63.3	61.5	60.9	60. 6	54.7	57.8	62.8	69.5	72.
Male: Skilled and semiskilled 1923 = 100	71.9	56.9	60.3	62.5	63.0	60.2	61.1	60. 6	53.7	57.6	61.5	68.8	71.
Unskilled	72.6 80.2	58.9 61.5	62.6 67.9	64. 4 70. 9	63.7 68.8		62.3 63.6	62.5 63.6	55. 1 57. 6	59.7 58.5	64.7 64.0	$\begin{array}{c} 71.1\\71.3\end{array}$	74. 75.
actory, av. hourly earnings (25 industries): All wage earners *dollars	. 497	. 487	, 479	. 474	. 468	. 467	. 468	. 464	. 460	. 460	. 453	. 452	. 45
Male: Skilled and semiskilled *dollars	. 560	. 546	. 541	. 538	. 530	. 527	. 529	. 527	. 521	. 522	. 513	. 511	.51
Unskilled *	.409	. 392	, 387	. 381	. 377	. 380	. 391	. 381	. 375	. 373	.368	. 369	. 37
Female *dollars * New series. For earlier data see p. 20 of th	.362	. 322	. 312	. 311	. 306	. 305	. 303	. 298	. 294	. 299	. 297	. 300	.3

New series. For earlier data see p. 20 of the October 1932 issue (weekly earnings and turnover rates) and p. 18 of the December 1932 issue (hourly earnings and Maryland and Massachusetts and Baltimore pay rolls). Data for Massachusetts subsequently revised for 1931, 1932, and 1933. See p. 19 of the August 1933 issue.
Revised.
Tota for 1932 revised. For revision of labor disputes for months January to May see p. 29 of the July 1933 issue, and p. 19 of the September 1933 issue (employment and payrolls).

October 1933

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933			1932						1933		_	
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem. ber	January	Febru- ary	March	April	May	June	July
EMPL	OYM	ENT (COND	ITIO	NS AI	ND W	AGES	Con	tinued				
WAGES-EARNINGS AND RATES- Continued						<u></u>							
Factory, weekly earnings, by States: Delaware 1923-25 = 100 Illinois 1925-27 = 100 Massachusetts* 1925-27 = 100 New Jersey 1923-25 = 100 New York 1923-25 = 100 Pennsylvania 1923-25 = 100 Wisconsin 1923-25 = 100 Wisconsin 1923-25 = 100 Farn wages, without board 1923-27 = 100	$\begin{array}{c} 72.3\\ 67.8\\ 78.1\\ 84.7\\ 77.6\\ 74.9\\ 66.2 \end{array}$	72. 0 61. 7 72. 0 83. 8 75. 8 58. 0 55. 0	72. 9 63. 2 74. 2 86. 1 77. 7 59. 9 55. 6	74. 4 64. 4 73. 1 86. 8 77. 9 62. 5 59. 0	71. 659. 770. 883. 875. 159. 558. 7	73. 7 60. 5 70. 8 84. 1 74. 7 59. 1 55. 7	$\begin{array}{c} 70.\ 2\\ 60.\ 2\\ 68.\ 3\\ 82.\ 2\\ 72.\ 4\\ 55.\ 7\\ 53.\ 1\end{array}$	$71.7 \\ 61.9 \\ 70.1 \\ 82.7 \\ 72.3 \\ 56.8 \\ 54.1 $	68. 3 57. 4 66. 2 78. 9 71. 6 55. 7 52. 1	67. 2 59. 1 67. 4 82. 0 72. 6 57. 6 53. 9	72.863.172.183.474.261.958.5	74.766.974.785.475.866.962.2	$\begin{array}{c} 78. \\ 67. \\ 76. \\ 85. \\ 77. \\ 68. \\ 61. \\ \end{array}$
(quarterly)dolls. per month Railroads, wagesdolls. per hour Road-building wages, common labor: #		. 599	26.36 .611	. 608	. 615	23.62.614	. 616	. 631	22, 98 . 607	. 613	. 602	24.27 . 603	
Koād-bullding wages, common Boor: # United States	$ \begin{array}{r} .35 \\ .20 \\ .35 \\ .43 \\ .37 \\ .50 \\ .23 \\ .35 \\ .28 \\ .44 \\ \end{array} $	32 36 19 34 43 33 33 47 18 31 26 38 94.0	32 36 19 34 44 34 47 19 34 26 38 94.0	32 37 19 34 44 34 48 19 32 27 38 94.0	32 37 20 34 44 34 48 20 32 26 38 94.0	32 37 20 35 44 33 48 21 34 27 38 94.0	.32 .38 .20 .36 .43 .35 .50 .22 .34 .27 .38 .94.0	.32 .39 .20 .35 .44 .33 .51 .21 .35 .28 .38 94.0	.32 .40 .19 .36 .43 .34 .34 .21 .34 .27 .38 94.0	$\begin{array}{r} .33\\ .41\\ .20\\ .36\\ .43\\ .32\\ .49\\ .22\\ .34\\ .27\\ .38\\ 94.0 \end{array}$.33 .39 .35 .43 .32 .50 .22 .34 .28 .38 .38 .94.0	$\begin{array}{c} .33\\ .20\\ .35\\ .42\\ .33\\ .49\\ .23\\ .34\\ .28\\ .38\\ .94.0 \end{array}$	3 4 20 3 4 4 3 5 2 2 3 3 2 2 3 4 4 9 4
				FINA	NCE		<u> </u>			l			
BANKING													
Acceptances and commercial paper outstand- ing: Bankers' acceptances, totalmills. of dolls Held by Federal Reserve banks: For own accountmills. of dolls For foreign correspondents mills. of dolls Held by group of accepting banks, total	694 1 40	681 3 49	683 2 43	699 3 39	720 4 32	710 4 40	707 2 41	704 307 30	671 280 45	697 164 43	669 13 36	687 41 36	738
Own billsmills. of dolls Own billsmills. of dolls Purchased billsmills. of dolls Held by othersmills. of dolls Commercial paper outstandingmills. of dolls	499 252 247 154 107	574 198 376 55 108	573 156 414 64 110	605 199 406 52 113	655 268 386 28 110	604 224 380 62 81	626 256 370 38 85	325 201 124 42 84	261 153 108 85 72	404 206 199 86 64	505 229 276 115 60	487 201 287 123 73	55: 24: 30- 14' 9
Agricultural loans outstanding: Credit banks, intermediatemills. of dolls Land banks, Federalmills. of dolls Bank debits, totalmills. of dolls New York Citymills. of dolls Outside New York Citymills. of dolls Brokers' loans: Reported by New York Stock Exchange	107 1, 104 375 25, 451 13, 076 12, 375	117 1, 132 460 25, 215 13, 458 11, 757	102 1, 129 454 25, 931 14, 163 11, 767	98 1, 125 420 25, 298 12, 944 12, 354	95 1, 121 415 20, 750 9, 815 10, 935	92 1, 116 409 26, 787 13, 967 12, 820	88 1, 112 404 24, 466 12, 413 12, 053	87 1, 110 399 22, 437 12, 036 10, 401	86 1, 107 395 • 22, 062 • 12, 454 • 9, 608	85 1, 105 390 22, 624 12, 012 10, 612	83 1, 103 386 25, 486 13, 977 11, 509	821, 10238229, 71216, 74312, 969	$89 \\ 1, 10 \\ 373 \\ 31, 23 \\ 17, 35 \\ 13, 87 \\ $
Ratio to market value	917 2.50 881	332 1. 19 345	380 1.42 425	325 1, 39 362	338 1, 52 353	347 1.52 394	359 1. 56 454	a 360 1.83 418	311 1.56	$322 \\ 1, 20 \\ 512$	529 1.63 635	780 2, 15 764	91 2. 8 87
Federal Reserve banks: Acceptance holdings. (See Acceptances.) Assets, totalmills. of dolls Reserve bank credit outstanding	6,607	5, 815	5, 848	5, 905	5, 986	6, 115	6, 033	6, 464	6, 610	6,606	6, 466	6, 531	6, 44
mills of dolls_ mills of dolls_ mills of dolls_ United States securities_mills of dolls_ Reserves, totalmills of dolls_ Gold reservesmills of dolls_ Liabilities, totalmills of dolls_ Deposits, totalmills of dolls_ Member bank reservesmills of dolls_ Notes in circulationpercent_ Reserve ratiopercent_	$\begin{array}{c} 2, 297\\ 7\\ 153\\ 2, 129\\ 3, 820\\ 3, 588\\ 6, 607\\ 2, 675\\ 2, 409\\ 2, 988\\ 67.4 \end{array}$	2, 331 34 433 1, 852 2, 980 2, 773 5, 815 2, 241 2, 146 2, 814 58, 9	2, 233 33 1, 854 3, 091 2, 893 5, 848 2, 312 2, 225 2, 750 61. 1	2, 227 34 328 1, 851 3, 195 3, 003 5, 905 2, 446 2, 383 2, 709 62, 0	$\begin{array}{c} 2, 202\\ 35\\ 309\\ 1, 851\\ 3, 242\\ 3, 049\\ 5, 986\\ 2, 484\\ 2, 411\\ 2, 692\\ 62.6\end{array}$	2, 145 33 235 1, 855 3, 331 3, 151 6, 115 2, 561 2, 569 2, 739 62. 9	$ \begin{array}{c} 2,077\\ 31\\ 274\\ 1,763\\ 3,457\\ 3,256\\ 6,033\\ 2,554\\ 2,446\\ 2,725\\ 65,6\\ \end{array} $	2, 794 336 582 1, 866 3, 126 6, 464 2, 952 6, 464 2, 236 2, 141 3, 417 55, 3	$\begin{array}{c} 2,572\\ 305\\ 426\\ 1,838\\ 3,455\\ 3,250\\ 6,610\\ 2,133\\ 1,949\\ 3,696\\ 59,3\end{array}$	$\begin{array}{c} 2,459\\ 171\\ 435\\ 1,837\\ 3,633\\ 3,416\\ 6,606\\ 2,380\\ 2,132\\ 3,428\\ 3,428\\ 62,6\end{array}$	$\begin{array}{c} 2,218\\ 20\\ 302\\ 1,890\\ 3,807\\ 3,520\\ 6,466\\ 2,394\\ 2,167\\ 3,203\\ 68.0 \end{array}$	$ \begin{array}{c ccccc} 2,220 \\ & 48 \\ & 164 \\ 1,998 \\ 3,813 \\ 3,543 \\ 6,531 \\ 2,494 \\ 2,292 \\ 3,094 \\ & 68.2 \end{array} $	$\begin{array}{c} 2, 209\\ 16\\ 2, 021\\ 3, 793\\ 3, 543\\ 2, 544\\ 6, 449\\ 2, 29\\ 3, 011\\ 68.5\end{array}$
Deposits: Net demandmills. of dolls Timemills. of dolls Investmentsmills. of dolls Loans, totalmills. of dolls On securitiesmills. of dolls All other loansmills. of dolls Interest rates and yield on securities:	^b 11, 212 ^b 5, 565 ^b 8, 776 ^b 9, 808 ^b 4, 328 ^b 5, 480	10, 982 5, 633 7, 743 10, 796 4, 512 6, 284	$11, 229 \\ 5, 640 \\ 8, 201 \\ 10, 706 \\ 4, 521 \\ 6, 185$	$11, 461 \\ 5, 709 \\ 8, 585 \\ 10, 441 \\ 4, 311 \\ 6, 130$	11, 745 5, 668 8, 589 10, 413 4, 288 6, 125	11,7585,6568,50710,2974,3155,982	11, 899 5, 648 8, 559 10, 166 4, 259 5, 907	10, 593 5, 288 8, 196 9, 627 4, 234 5, 393		b 11, 127 b 5, 346 b 8, 570 b 9, 660 b 4, 252 b 5, 408	b 11, 740 b 5, 286 b 8, 632 b 9, 753 b 4, 267 b 5, 486	^b 11, 549 ^b 5, 440 ^b 8, 927 ^b 9, 715 ^b 4, 308 ^b 5, 407	b 11, 26 b 5, 59 t 8, 70 b 9, 82 b 4, 33 b 5, 48
Acceptates failes and yield sectifies. Acceptates haves a prime section of sectifies. Call loans, renewalpercent Com'l paper, prime (4-6 mos.)percent Discount rate, N.Y.F.R. Bankpercent Federal land bank loanspercent Intermediate credit bank loanspercent Real estate bonds, long termpercent Stock yields. (See Stocks.) Time loans, 90 dayspercent	$ \begin{array}{c} 3 & -\frac{1}{2} \\ .98 \\ 1^{1}_{2} \\ 2.50 \\ 5.00 \\ 3.13 \end{array} $	34 2.00 2-21 <u>4</u> 2.50 5.58 3.44	34 2.00 2-214 2.50 5.58 3.39 5.25	$\begin{array}{r} \frac{1}{2}-34\\ 1.35\\ 1\frac{3}{4}-2\frac{1}{4}\\ 2.50\\ 5.58\\ 3.38\end{array}$	1,00 1,32-134 2,50 5,58 3,35 5,50	$\begin{vmatrix} & 3\\ & 1.00\\ & 1.00\\ & 1.00\\ & 1.00\\ & 1.00\\ & 2.50\\ & 5.58\\ & 3.25\\ & 6.00 \end{vmatrix}$	$ \begin{array}{r} 1.00\\ 1\frac{1}{4}-1\frac{1}{2}\\ 2.50\\ 5.58\\ 3.17 \end{array} $	14-58 1.00 114-114 2.50 5.58 3.10 5.50	$1\frac{1}{6}-3\frac{5}{8}$ 3.32 $1\frac{1}{2}-4\frac{1}{2}$ 3.50 5.58 3.10	$\begin{array}{c} \frac{1}{2}-1\frac{1}{4}\\ 1.37\\ 2-3\frac{1}{4}\\ \circ 3.00\\ 5.58\\ 3.10\end{array}$	$\begin{array}{c} 1.00\\ 2-21/4\\ \circ\ 2.50\\ 5.58\\ 3.10\end{array}$	$\begin{array}{c c} & 3 \\ & 1.00 \\ 1 \\ 1 \\ 2.50 \\ 5.58 \\ 3.10 \end{array}$	$\begin{array}{c} 3 & -1 \\ 1 & 0 \\ 1^{1} & -1^{3} \\ 2 & 5 \\ 5 & 5 \\ 3 & 1 \end{array}$
Stock yields. (See Stocks.) Time loans, 90 dayspercent Savings deposits: New York Statemills. of dolls # Beginning with March 1932, method of	5,039	• •	1}4-1}2 5, 282		1 <u>4</u> 5, 265	34 5, 314	1⁄2	32-134 5, 269	2 ¹ / ₂ -3 ¹ / ₂ 5, 220	1-1½ 5, 164	1-11/4	,	3/4-1 5, 08

Beginning with March 1932, method of computing rates was changed.
 Revised.
 Estimated for 101 eities on basis of report for 90 eities. Breakdown of loans revised April through June.

New series. For earlier data see p. 18 of the December 1932 issue. Data for Massa chusetts subsequently revised for 1931-32-33. See p. 19 August 1933 issue.
 Rate changed June 23, 1932, Mar. 3, Apr. 7 and May 26, 1933.
 Figures incomplete due to bank holiday.

SURVEY OF CURRENT BUSINESS

Monthly statistics through December 1931, to- gether with explanatory footnotes and refer-	1933			1932					<u>,</u>	1933	* **···		
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
· · · · · · · · · · · · · · · · · · ·			FINA	NCE-	-Conti	nued							
BANKING-Continued													
Savings deposits—Continued U.S. Postal Savings:													
Balance to credit of depositors thous. of dolls Balance on deposit in banks	1,177,626	847, 421	858, 720	870, 823	884, 297	900, 796	942, 519	1,006,185	1,112,715	1,158,416	1,178,788	41,187,18 3	1, 176 , 79 5
thous. of dolls FAILURES	949, 049	763, 262	771, 219	783, 921	779, 971	7 92, 725	797, 169	852, 986	935, 987	974, 142	978, 286	•976, 377	958, 985
Bank suspensions:											ł		
Totalnumber Deposit liabilitiesthous. of dolls Commercial failures:		85 29, 513	67 13, 508	102 20, 092	93 43, 319	161 70, 914	241 135, 020	148 72, 870					
Agents and brokersnumber	1,472 114	2, 796 177	2, 182 141	2, 273 150	2,073 132	2,469 169	2,919 172	2,378	1,948 150	1,921 147	1,909 161	1,648 133	1,421 120
Manufacturers, totalnumber Chemicals, drugs, and paintsnumber Foodstuffs and tobacconumber	357 25 42		513 15 55	542 14 52	480 16 48	614 14 67	565 17 60	500 15 43	462 9 47	422 10 41	466 17 48	362 9 35	325 7 33
Leather and manufacturesnumber Lumbernumber Metals and machinerynumber		28 74	20 55	19 70		17 78 63	18 62	17	18 45 51	13 44 66	17 59	11 40 46	11 30 20
Printing and engravingnumber Stone, clay, and glassnumber	49 18 17	68 42 17	58 27 19	56 31 29	44 27 27	03 33 18	68 40 22	59 27 22	27 22	33 17	61 38 24	40 32 17	20
Textilesnumber Miscellaneousnumber	. 30 123	$ \begin{array}{c} 117 \\ 229 \end{array} $	75 189	74 197	67 177	92 232	75 203	43 219		44 154	45 157	41 131	42 145
Traders, totalnumber Books and papernumber Chemicals, drugs, and paintsnumber	1,001 18 99	1,970 29 133	1,528 24 131	1, 581 22 121	1,461 20 108	1,686 17 151	2, 182 29 160	1,721 9 121	1,336 11 86	1, 352 19 129	1, 282 20 119	$ \begin{array}{r} 1,153 \\ 13 \\ 97 \end{array} $	976 19 10
Food and tobacconumber	148 387	404 573	317 387	$ 278 \\ 479 $	233 428	334 461	507 495	361 450	230 351	239 400	194 451	$\frac{200}{387}$	138 364
General storesnumber Household furnishingsnumber Miscellaneousnumber	$ \begin{array}{c} 41 \\ 134 \\ 174 \end{array} $	$ \begin{array}{r} 107 \\ 340 \\ 384 \end{array} $	76 266 327	98 256 327	93 250 329	123 250 350	$ \begin{array}{r} 169 \\ 412 \\ 410 \end{array} $	107 355 318	96 268 294	69 224 272	61 212 245		$ \begin{array}{c} 36 \\ 146 \\ 177 \end{array} $
Liabilities, totalthous. of dolls	42,776	77,031 12,666	56, 128 7, 345	52, 870 7, 857	53, 621 6, 808	64, 189 9, 721	79,101 11,433	65, 576 9, 157	48, 500 7, 713	51, 098 6, 407	47,972	$35,345 \\ 4,420$	27, 481 5, 658
Manufacturers, totalthous. of dolls_ Chemicals, drugs, and paints	15, 192	27, 462	22, 310	18, 897	23, 918	24, 577	30, 747	24, 363	17, 583 739	18, 737 341	19, 021 607	13, 047 150	8, 282 121
thous. of dolls Foodstuffs and tobaccothous. of dolls Leather and manufactures	650 764	354 1, 444	474 930	409 613	770 456	484 1,061	287 797	5, 599 1, 170	1, 233	526	545	372	279
thous. of dolls Lumberthous. of dolls Metals and machinerythous. of dolls	$ \begin{array}{c c} 35 \\ 2,652 \\ 2,995 \end{array} $	2, 222 3, 701 5, 068	$529 \\ 6,660 \\ 4,302$	945 3,752 2,820	242 4,277 2,161	$569 \\ 3,814 \\ 2,527$	2, 310 4, 255 3, 326	345 3, 342 2, 464	$ \begin{array}{r} 322 \\ 2,539 \\ 2,766 \end{array} $	421 3,618 2,867	525 2, 542 5, 098	$\begin{array}{c} 311 \\ 2,166 \\ 2,179 \end{array}$	559 2, 285 858
Printing and engraving_thous. of dolls_ Stone, clay, and glassthous, of dolls_	213 631	699 1,230	1, 248 444	1, 126 1, 376	626 2, 274	1,354 1,454	923 1,007	374 1,482	461 671	1, 410 975	1, 726 1, 271	678 1, 118	420 43(
Textilesthous. of dollsthous.	591 6,661 18,217	4, 614 8, 130 36, 905	$ \begin{array}{c} 1,342\\ 6,381\\ 26,471 \end{array} $	$ \begin{array}{c} 1,680\\ 6,176\\ 26,117 \end{array} $	1, 906 11, 206 23, 095	3, 142 10, 172 29, 890	4, 385 13, 457 36, 921	1, 120 8, 467 32, 056	$ \begin{array}{r} 1,463 \\ 7,389 \\ 23,204 \end{array} $	951 7,628 25,954	904 5, 803 20, 877	948 5,125 17,878	689 2,635 13,544
Books and paperthous. of dolls Chemicals, drugs, and paints	320	433	314	265	347	272	334	72	90	687	374	221	223
thous. of dollsthous. of dolls	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1,740 6,590 9,329	1, 286 5, 205 4, 639	1, 851 3, 360 5, 783	1,409 2,843 4,217	1, 514 4, 312 9, 101	$ \begin{array}{c} 1,806 \\ 6,224 \\ 5,805 \end{array} $	1, 376 5, 051 7, 987	$ \begin{array}{c} 1,277\\ 3,576\\ 4,619 \end{array} $	4, 093 2, 888 5, 766	$ \begin{array}{c} 1,366\\2,741\\4,576 \end{array} $	$ \begin{array}{c} 1,103\\ 2,432\\ 5,064 \end{array} $	882 1,401 3,971
General storesthous. of dolls_ Household furnishingsthous. of dolls_	491	1,712 7,134	819 6, 089	956 5, 678	840 5, 397	2,058 4,692	3, 600 9, 249	3, 040 7, 324	1,608 6,378	793 4,672	952 4,421	587 3, 331	$ 446 \\ 2,363 $
Miscellaneousthous. of dolls.	4,394	9,967	8, 119	8, 224	8,042	7,941	9.093	7,206	5, 656	7, 054	6, 147	5,140	4, 258
(Association of Life Insurance Presidents)]											
Assets, admitted, total †mills. of dolls_ Mortgage loansmills. of dolls_		6,256	$16,733 \\ 6,228$	16, 790 6, 197	16, 830 6, 168	16, 917 6, 136	16, 966 6, 110	16, 984 6, 077	16, 981 6, 033	17,020 6,002	17, 047 5, 960	17,030 5,910	17, 107 5, 870
Farmmills. of dollsmills. of dollsmills. of dollsmodelsmo		1,443	1, 434 4, 794	1, 424 4, 773	1, 415 4, 753	1, 402 4, 734	1, 394 4, 716	1, 382 4, 695	1, 368 4, 665	1, 357 4, 645	1, 343 4, 617	$1,322 \\ 4,588$	1,311 4,565
		6, 179 1, 344	6, 190 1, 353	6, 206 1, 366	6, 224 1, 378	6, 231 1, 400	6, 238 1, 406	6, 259 1, 427	6, 266 1, 447	6, 275 1, 465	6, 267 1, 466		6, 320 1, 522
Government	•	1,669 2,655 511	1, 669 2, 653 515	1,671 2,649 520	1, 674 2, 649 523	1,670 2,639 522	1, 671 2, 638 523	1, 672 2, 637 523	1,670 2,631 518	1,666 2,627 517	1,665 2,618 518	$ \begin{array}{r} 1,669 \\ 2,613 \\ 517 \end{array} $	1,671 2,618 519
Policy loans and premium notes mills. of dolls_	1	2,910	2, 925	2,936	2, 941	2, 948	2, 967	2, 997	2,975	2, 987	2, 987	2, 970	2, 96
Insurance written:† Policies and certificatesthousands. Groupthousands.	1,156		951 41	1,059	1,028	990 43	923 9	934 14	1,047	996 14	1,034	1,076 25	1,070
Industrial thousands. Ordinary thousands. Value, total dollar.	_i 881	774 236	681 229	781 248	747 258	648 299	686 227	681 239	776 259	747 235	762 258	792 258	802
Value, totalthous. of dolls. Groupthous. of dollsthous. of dollsthous. of dollsthous.	- 688, 620 24, 437 229, 545	668, 779 28, 979 196, 340	639, 937 61, 018 174, 156	670,039 38,868 198,053	671, 242 36, 262 184, 882	741, 920 67, 810 154, 864	614, 431 22, 546 168, 312	609, 725 16, 842 168, 400		628, 778 21, 711 183, 462	$\left \begin{array}{c} 645,320\\22,450\\190,138\end{array}\right $	$\begin{array}{c} 687,776\\ 43,295\\ 198,046 \end{array}$	666,09 42,45 205,78
Groupthous of dolls. Industrialthous of dolls. Ordinarythous of dolls. Premium collections fthous. of dolls.	434, 638	443, 460	404, 763	433, 118	450,098 223,842	519, 246	423, 573	424, 483	435, 308	423,605	432, 732 241, 776	446, 435 237, 338	417,85
Groupthous. of dolls_		11,961 7,980	10, 221 6, 798	17,037	12, 282	28,752 8,644	17,612	17, 283	229,160 14,545 8,718	6,878	1 15,308	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	36, 403 8, 253 54, 025
Industrialthous. of dolls. Ordinarythous. of dolls.	•	58, 635 155, 587	53, 379	58, 052 153, 910	51, 048 153, 449	116,838 181,408	59, 243 156, 161	51, 997 152, 739	50, 448 155, 449	48, 519	53, 440 165, 242	50, 987 156, 883	156, 147
(Life Insurance Sales Research Bureau)	100	400	490	470	400	590	481	474	462	464	495	490	48
Insurance written, ordinary total_mills. of dolls_ Eastern districtmills. of dolls_ Far Western districtmills. of dolls_	207	213	42		499 221 47	538 233 51	217 44	211 46	209 45	206 47	213	209 47	195 50
Southern districtmills. of dollsmills. of dollsmills. of dollsmills.	- 58 - 180	51	48 161	51 179	53 179	58 196	48 172	51	48 160	53 158	55	57 177	56 182
Western districtmills. of dolls_ Lapse rates1925-26=100_	_l 180	177	161 157		179	196 146		166	160 132		178	177	

• Revised. † Revised series. For earlier data see pp. 18, 19, and 20 of the July 1933 issue (insurance written and admitted assets); and p. 18 of the June 1933 issue (premium collections).

October 1933

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933			1932						1933			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
			FINA	NCE-	-Conti	nued		,				<u></u>	
MONETARY STATISTICS													
Foreign exchange rates: Argentinadolls. per gold peso Belgiumdolls. per belga	$0.794 \\ .192$	0. 586 . 139	0. 586	0. 586	0. 586	0. 586	0. 586	0. 586	0. 583	0.605	0.679	0.711	0.807
Brazil	.080	.139 .076 .876	.139 .076 .903	.139 .076 .912	.139 .076	.139	.139	.140 .076	.140 .076	.145 .076	.163 .076	.171 .076	. 19
Chiledolls. per pesodolls. per pesodolls. per £dolls. per best per £dolls. per best per £dolls. per pesodolls. per peso	. 082 4. 50	. 060	. 060	. 000	$.873 \\ .060 \\ 3.28 $. 866 . 060 3. 28	.875 .060 3.36	.835 .060 3.42	.835 .060 3.43	$.847 \\ .060 \\ 3.58$.876 .063	. 899 . 075	. 94
Francedolls. per francdolls. per franc	. 054	.039	. 039	.039 .238	. 039	. 039	.039 .238	. 039	. 039 . 239	.041	3.93 . 046	4.14 .048	4.6
Indiadolls. per rupee Italydolls. per lira	. 339	.260 .262 .051	. 262	.253 .257 .051	.248 .051	.205	.235 .254 .051	.230 .258 .051	. 255 . 258 . 051	.244 .269 .054	.274 .296	$.288 \\ .311 \\ .064$. 33
Japandolls. per yen Netherlandsdolls_per florin	$269 \\ 554$	$.245 \\ .402$. 236 . 402	. 231 . 402	.206	.207	.031 .207 .402	. 208	.213	.034 .221 .420	.061 .240 .470	. 258	. 07 . 28 . 56
Spaindolls. per peseta Swedendolls. per krona Uruguaydolls. per peso	$.115 \\ .232$.031 .179	$.081 \\ .178$	$.082 \\ .175$	$.082 \\ .174$	$.082 \\ .179$. 082	.082 .183	.084	. 089	.100	.104 .213	.11
Uruguaydolls. per peso Gold and money:	. 648	. 474	. 474	. 474	. 478	. 473	. 473	. 473	. 102	.478	. 532	. 560	.65
Gold: Monetary stocks, U.Smills. of dolls	4, 323	4, 030	4, 140	4, 226	4, 292	4, 429	4, 547	4, 491	4, 260	4, 301	4, 313	4, 317	4, 31
Movement, foreign: Net release from earmark_thous. of dolls	79, 467		72, 289	45,774	48, 566	▶71,023	⁴ - 91, 494		*		22, 114	3, 545	84, 47
Exportsthous. of dollsthous. of dollsthous. of dollsthous.	1 085		60 27, 957	$ \begin{array}{c} 61 \\ 20, 674 \end{array} $	16 21,756	$\begin{smallmatrix}&13\\100,872\end{smallmatrix}$	14 128,479	21,521 30,397	23,123 14,948	16, 741 6, 769	22,925 1,785	4, 380 1, 136	85, 3 7 1, 49
Net gold imports, including gold released from earmark# *thous. of dolls Production, Randfine ounces	a . 921	108, 614	100, 186	66, 387	70, 306 4978, 716	171,872		169,409	-113, 287	23, 729	975	301	59:
Production, Randnne ounces Receipts at mint, domesticfine ounces Money in circulation, totalmills. of dolls	934,714 86,265	• 991, 322 143, 688	961, 501 145, 828	974.965 171,220	163, 545	960, 618 141, 508	115, 188		946, 933 187, 694	895,097 120,461	944,604 114,017	918, 633 64, 445	923, 67 99, 58
Silver:	ł		5,685	5,613	5, 643	5, 609	5, 631	5, 892	6, 998	6, 137	5, 876	5, 742	5, 67
Exportsthous. of dollsthous. of	7,015	1, 554	868 2, 032	1,316 1,305	875 1,494	1,260 1,203	1,551 1,763	200 855	$239 \\ 1,633$	$193 \\ 1,520$	235 5, 275	$343 \\ 15,472$	2, 572 5, 380
Importsthous, of dolls_ Price at New Yorkdolls, per fine oz Production, estimated, world (85 percent of	. 361	280	. 279	. 272	. 267	. 250	. 254	. 261	2,79	. 307	.341	. 357	. 370
total)thous of fine ozthous oz		10,924 1,491	11,370 1,500	11,334 1,853	10.493 1,供用	3,280 1,005	$\begin{array}{c} 11,674 \\ 1,007 \end{array}$	9, 658 1, 619	11,656 1,309	9,003 1,015	$9,772 \\ 1,014$	8,726 644	9, 55. 1, 27
Mexicothous. of fine oz United Statesthous. of fine oz		5,901 2,170	$rac{6,594}{1,778}$	6,067 1,918	5,903 2,032	4, 221 1, 627	7,159 1,960	5, 547 1, 603	6, 436 2, 574	4,628 1,907	5, 197 1, 933	5,067 1,465	5, 10 1, 55
Stocks, end of month: United Statesthous. of fine oz Canadathous. of fine oz		4,923 1,642	5,012 1,916	6, 035	5,801	5,931 1,651	5,414	5, 432	7,060	8, 261	8, 568	6, 583	8, 21
NET CORPORATION PROFITS		g .,0≄~ §	1.310	1,701	1,755	1,001	1, 559	1, 640	1, 859	1,831	1, 707	1, 690	2, 02
(Quarterly) Profits, totalmills. of dolls Industrial and mercantile,mills_ of dolls			183.3		 	209.5			123.8			309.1	
Industrial and mercantile, totalmills. of dolls Autos, parts and accessories_mills. of dolls			4 2).1			4 37.9			4 18.6			77.2	
Autos, parts and accessories_mills. of dolls_ Foodsmills. of dolls		}	4 20.4 38.1			4 30. 9			4 4.6 17.8			50.1 25.8	
Matos, parts and accessition mills. of dolls. Metals and mining mills. of dolls. Machinery mills. of dolls. Oil mills. of dolls.			- 2.5 - 1.4			* 6.1 • 3.9			^d 1.6 ^d 1.6			2.1 ¢ 0.1	
mont mills of dolls	1	6	199.0		1	J 30. 1	1		1			ت 10.2 ط 15.9	
Miscellaneousmills. of dolls			10.4			14.4 62.0			17.1			25.4 65.6	
Miscellaneousmills. of doils. Public utilitiesmills. of doils. Railroads, class Imills. of dolls. Telephonesmills. of dolls.			89.6 51.8			130.8 54.6			33.9			119.2 47.1	
PUBLIC FINANCE (FEDERAL)			0			01.0			41.4				*******
Debt, gross, end of monthmills. of dolls Expenditures, chargeable to ordinary			20, 611	20, 813	20, 506	20, 866	20, 802	20, 935	21,362	21, 441	21, 853	22, 539	22, 61
receipts	181,923 197,523	257,084	265, 725 259, 958	373, 209 148, 004	246, 159 124, 507	762, 403	247, 785	$\begin{vmatrix} 213,091\\ 121,312 \end{vmatrix}$	282,368 283,286	352,464 130,552	270, 053 167, 152	1,306,162	203, 15 179, 01
Expenditures, chargeable to ordinary receipts	$\begin{vmatrix} 32,699\\ 163,158 \end{vmatrix}$	24, 116 79, 940	25, 935 216, 481	24, 744 89, 850	24,051 85,484	19, 929 210, 995	18, 352 86, 805	16, 442 90, 715	17,444 242,464	17,400 89,062	20,515 114,754	22,943 251,601	25,08 131,11
Income taxthous. of dolls CAPITAL ISSUES	14, 091	15,083	142, 203	13, 063	14, 328	141, 033	17,889	27, 713	176, 259	19, 500	15, 688	146, 575	11, 98
Total, all issues (Commercial and Financial	52 001	169, 482	138, 607	124,062	76, 400	157 090	109,963	F0 F19	10.004	45 000	70 040	222,644	161, 99
Chroniclethous. of dollsthous. of dolls	1 52.901	3 167 482	78,607	120, 047	76,400	157, 920 157, 920 0	109,963	56, 513 56, 513 0	19,094 19,094 0	45, 388 43, 788 1, 600	59, 643 59, 643 0	162, 644 60, 000	161, 85
Corporate, totalthous. of dollsthous. of dollsthous. of dollsthous. of dollsthous. of dollsthous. of dollsthous.	14,050	5 2,000 133,395 5 600	10,882	4,015 67,489 6,966	41, 591 763	28, 844 8, 766	64, 517 7, 592	37,555	5, 418 3, 270	35, 541 2, 660	15, 634 9, 043	60,378 15,415	95, 95 86, 73
Investment truststhous. of dolls Land, buildings, etcthous. of dolls	14,050 0	0	0 700	0,000	1,200	0 600	0	0 900	0 0	2,000	0	0	1,08
Long-term issuesthous. of dolls Apartments and hotels, thous. of dolls	. 0	Ŭ O	700	0	220	200	0	900			0	0	
Office and commercial thous, of dolls. Public utilitiesthous, of dolls.	0	0 99,999	0 9,732	0	0 37,608	0 3,124	0 44, 925	0 414	0 2, 148	28, 104	0 6, 591	3,000	7,00
Railroadsthous. of dolls Miscellaneousthous. of dolls	0	26, 450 6, 346	0 450	0	1,800	15,000 1,355	12,000	$36, 241 \\ 0$	0	4,778	0	41,963	1,06 7
Farm loan bank issuesthous. of dolls Municipal, States, etcthous. of dolls	38,852	0 34,088	4,000 63,725	9, 100 43, 458	5,000 29,809	13,000 116,076	9, 500 35, 946	1,400 17,558	0 13, 677	0 9, 847	0 44,009	102,266	35, 00 31, 03
Purpose of issue: New capital, total	45,660	61,645	89, 971	100, 020	44, 801	122, 713	64, 610	19,636	16, 265	24,928	43, 802	110, 148	117, 08
Domestic, totalthous. of dolls Corporatethous. of dolls	45,600 14,050	59, 645 26, 281	69, 971 6, 550	96, 005 48, 474	44, 801 10, 633	122, 713 10, 399	64, 610 22, 157	19,636 1,314	16, 265 3, 170	24, 928 17, 335	43, 802 3, 584	110, 148 12, 082	116,95 52,76
Form loan bank issues those of dolls	0 31, 550	0 33, 364	4,000 59,421	9,100	5,000 29,168	13,000 99,315	9, 500 32, 953	1,400 16,922	0 13,095	0 7, 593	1 40, 218	98,066	35,00 29,19
Foreignthous. of dolls Refunding, totalthous. of dolls	7,302	2,000	20, 000 48, 636	4, 015 24, 042	0 31, 599	0 35, 207	0 45, 353	0 36, 877	2,829	20,460	$ \begin{array}{c} 0 \\ 15,841 \end{array} $	$\begin{array}{c} 0\\112,496\end{array}$	$13 \\ 44,90$
Municipal, State, etc., thous, of dolls., Foreignthous, of dolls., Refunding, totalthous, of dolls., Corporatethous, of dolls., Type of security, all issues:	0	107, 114	4, 332	19, 015	30, 958	18, 446	42, 360	36, 241	2, 248	18, 207	12, 050	48, 296	43,06
Corporatetotalthous. of dolls	38,852	131, 595	$138,257 \\ 10,532$	$120,770 \\ 64,198$	74, 487 39, 678	153, 209 24, 133	$106,713 \\ 61,267$	56, 513 37, 555	13, 677 5, 418	44, 453 34, 607	56, 559 12, 550	$\begin{array}{c c} 213, 592 \\ 51, 326 \\ 0 & 0 \end{array}$	79,09 13,06
Stocksthous. of dolls State and municipals (Bond Buyer):	. 14,050	4	350	3, 291	1,913	4,711	3, 250	0	5, 418	935	3, 084	9,052	82,89
Permanent (long term)thous. of dolls Temporary (short term)thous. of dolls			82, 737 81, 683	67, 178 28, 928	47, 726 40, 589	165, 167 145, 590	85, 930 105, 173	64, 951 77, 389	45, 573 92, 719	58, 579 172, 948		a 107, 905 210, 783	$37,93 \\ 13,91$
^a Revised.		# Or expa	arts ()					d == de					

Revised. # Or exports (--). #=deficit
 *rew series superseding old series which covered the physical movement only. For earlier data see p. 20 of December 1952 issue.
 * Allowance has been made for gold earmarked at Bank of England for the account of the Federal Reserve Bank of New York.
 * Differs from Federal Reserve Board figure, since \$\$,900,000 declared for export on Feb. 28 was not actually taken from Federal Reserve Bank of New York until Mar. 1.

SURVEY OF CURRENT BUSINESS

Monthly statistics through December 1931, to- gether with explanatory footnotes and refer-	1933	933 1932						1933						
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July	
FINANCE—Continued														
SECURITY MARKETS									1					
Prices: Bonds All listed bonds, avg. price (N.Y.S.E.)									1					
dollars Domestic issues	84.63 87.91 71.34	77.27 83.70 65.89	77.50 83.93 66.10	76.37 82.04 66.30	73.91 81.36	77.27	78.83	74.89 79.09	74, 51 78, 58 58, 59	76.57	80.79	82.97 86.84	84.43 88.03 70.26	
Foreign issues	72.67	53.35	55.01	49.86	60. 72 47. 51	60.22 44.05	61. 34 46. 94	58.45 45.22	42.01	62.86 41.35	65. 31 50. 64	67.77 67.67	73.00	
Industrials (10)percent of par 4% bond Public utilities (10) percent of par 4% bond	62.02 79.47	48.08 69.96	52. 21 70. 10	49.56 70.95	46.98 69.49	44. 81 69, 79	47.66 73.66	44.35 71.53	39.88 64.99	42.32 64.62	51.57 69.09	58.92 74.60	62.85 79.63	
Rails, high grade (10) percent of par 4% bond	89.95	79.32	82.07	80.76	78, 19	77.88	82.49	81.92	77.23	73.62	80.35	84, 35	88.95	
Rails, second grade (10) percent of par 4% bond Domestic† (Standard Statistics) (60)_dollars	65.72 89.9	36, 67 84, 3	36. 88 87. 0	29.79 85.2	27. 98 83. 1	24. 20 82, 2	25.95 84.1	25. 17 82. 5	23.92 76.7	22.71 75.4	30.60 82.0	69. 23 86. 8	66, 32 89, 6	
U.S.Government (Standard Statistics)* dollars	103.40	101.95	102.47	102.52	102.57	103. 19	103.75	103.36	101.09	102.00	102.91	103, 54	103.62	
Foreign (N.Y. Trust) (40)percent of par Sales on New York Stock Exchange: Total	216, 818	55.82 333,076	63.47 250,265	58.00 178,562	53.17 158,905	57.51 241,850	59.83 260.021	54. 19 230, 082	53, 55 193, 181	55.52 269,585	56.47 350,626	57.11 344.050	59.50 323.139	
Totalthous. of dolls. par value. Liberty-Treasthous. of dolls. par value. Value, issues listed on N.Y.S.E.	15, 597	25, 769	24, 351	20, 250	15, 782	37, 424	38, 362	45, 387	55, 176	61,000	38, 367	23, 583	20, 498	
Par, all issuesmills. of dolls Domestic issuesmills. of dolls Foreign issuesmills. of dolls	41, 613 33, 376 8, 237	51, 863 33, 140 18, 724	51, 780 33, 114 18, 667	51, 744 33, 102 18, 642	51, 543 32, 942 18, 600	41, 305 32, 866 8, 438	41, 173 32, 770 8, 403	41, 107 32, 738 8, 369	41, 006 32, 666 8, 340	40, 948 32, 624 8, 324	40, 844 32, 553 8, 291	40, 878 32, 593 8, 285	40, 812 32, 538 8, 274	
Market value, all issuesmills. of dolls Domestic issuesmills. of dolls Foreign issuesmills. of dolls	35, 218 29, 342 5, 877	40, 073 27, 736	40, 132 27, 793	39, 518 27, 158	38, 095 26, 801	31,918 26,836	32, 457 27, 302	30, 785 25, 893	30, 554 25, 668	31, 354 26, 121	32,998 27,583	33, 917 28, 303	34, 458	
Yields: Domestic † (Standard Statistics) (60) _ percent	5.12	12, 336 5. 57	12, 339 5. 35	12, 360 5. 50	11, 294 5. 68	5, 082 5. 75	5, 154 5. 59	4, 892 5. 73	4, 887 6, 25	5, 233 6. 38	5, 415 5. 78	5, 615 5. 37	5, 813 5. 15	
Industrials (15) percent Municipals (15) † percent Public utilities (15) percent	6. 14 4. 54 4. 84	6.93 4.50 5.22	6.61 4.39 5.06	6.91 4.37 5.11	7.32 4.38 5.14	7.38 4.37 5.06	7.29 4.23 4.91	7.60 4.28 5.11	8. 14 4. 88 5. 54	8. 27 5. 05 5. 63	6.94 5.27 5.26	6.39 4.71 5.03	6. 16 4. 60 4. 86	
Railroads (15)percent Domestic, municipals (Bond Buyer) (20)	4.95	5.65	5.36	5.63	5, 86	6. 19	5.93	5.93	6.45	6. 56	5.63	5.34	4.97	
Domestic, U.S. Government: Treasury bonds (3 long term) percent	4.98 3.40	4. 55 3. 57	4. 57 3. 54	4. 59 3. 54	4.65 3.55	4.61 3.48	4. 48 3. 39	4.92 3.47	5. 24 3. 58	5.69 3.55	5.35 3.47	5.09 3.40	° 5.00 3.38	
Treasury bonds (3 long term)percent Treasury notes and certificates (3-8 months)percent	.01	. 14	. 03			. 04	. 07	. 01	1.34	. 45	. 29	. 07	. 19	
Cash Dividend and Interest Payments and Rates														
Total (Journal of Commerce)thous. of dolls Dividend paymentsthous. of dolls Industrial and miscellaneous	349, 620 101, 800	●367, 100 ●119, 600	437, 440 125, 000	621, 654 167, 300	438, 032 130, 500	546, 439 120, 200	863, 492 270, 600	387, 200 145, 400	430, 351 140, 000	561, 279 136, 850	428, 449 153, 884	571, 529 134, 350	763, 219 205, 900	
thous. of dolls Railroads, steamthous. of dolls	4,900	101, 900 • 7, 000	103, 000 7, 300	140, 900 10, 400	104, 000 7, 500	$102,800\ 5,900$	10, 500	8,000	°102, 200 11, 300	^a 96, 409 11, 500	^a 144, 400 1, 425 2, 674	115, 800 2, 950	158,200 16,500	
Railways, street	2,700 247,820	^a 3, 000 247, 500	3, 200 312, 440	4, 000 454, 354	2, 500 307, 532	2, 000 426, 239	4, 100 592, 892	4, 900 241, 800	3, 300 290, 351	2, 600 424, 429	2, 674 274, 565	3, 000 437, 179	3, 000 557, 319	
thous. of dolls	211, 432 197, 493 13, 939	246, 113 226, 892 • 19, 221	156, 599 154, 009 2, 590	133, 344 126, 878 6, 465	264, 189 243, 592 20, 597	205, 769 190, 508 15, 261	164, 840 140, 343 24, 497	222, 244 206, 328 15, 916	162, 468 158, 000 4, 468	130, 607 124, 823 5, 784	218, 591 199, 362 19, 229	211, 890 191, 066 20, 824	116, 211 105, 160 11, 051	
Dividend payments and rates (Moody's): Dividend payments, annual payments at	10,000	10, 221	2,000	0, 200	20, 091	15, 201	23, 101	10, 510	4, 100	0,101	10, 120		12,002	
current rate (600 companies) mills. of dolls Number of shares, adjustedmill:ons	970. 6 923. 84	1, 163. 6 928. 42	1, 148. 9 928. 67	1, 146. 7 928. 12	1, 126. 8 925. 58	1, 119. 7 925. 25	1, 112, 9 924, 21	1, 070. 3 924. 39	1,024.9 922.56	1, 006. 2 923. 32	976. 0 923, 36	965. 4 923. 29	972, 4 923, 63	
Dividend rate per share, weighted average (600)dollars	1, 05	1.25	1.24	1.24	1, 22	1. 21	1.20	1.16	1, 11	1.09	1.06	$1.05 \\ 3.99$	1.05 3.99	
Banks (21)dollars Industrials (492)dollars Insurance (21)dollars	3.99 .73 1.66	.94 1.87	4.78 .93 1.89	4.78 .92 1.89	4.79 .90 1.89	4.79 .89 1.89	4.78 .88 1.89	4.78 .82 1.78	4.36 .78 1.76	4.32 .77 1.66	4.32 .72 1,66	.72 1.66	. 73 1. 66	
Public utilities (30)dollars Railroads (36)dollars	2.15 .90	2.35 .81	2,30 .81	2, 30 .81	2.34 .81	2.31 .81	2.31 .86	2.31 .86	2.25 .86	2.19 .86	2.19 .86	2.19 .86	2.19 .86	
Prices: Stocks Dow-Jones:													100.4	
Industrials (30)dolls. per share Public utilities (20)dolls. per share Railroads (20)dolls. per share	98.4 30.8 49.6	$67.5 \\ 29.1 \\ 29.4$	72.6 35.3 32.3	63, 5 28, 2 28, 3	$\begin{array}{c} 62.1\\ 27.6\\ 27.4\end{array}$	$59.1 \\ 27.1 \\ 26.2$	62.7 28.0 28.1	56, 1 23, 9 26, 9	57.6 21.8 27.4	65. 0 21. 6 27. 4	81.6 27.7 37.6	94. 1 34. 1 44. 2	100. 4 34. 7 51. 7	
New York Times (50)dolls. per share Industrials (25)	88. 24 135. 86 40. 63	61, 70 98, 07 25, 33	65.35 101.58	56. 17 90. 07 22. 29	57.63 92.71 22.56	55.05 89.54 20.58	58.65 94.81 22.50	52, 99 84, 55 21, 43	53, 17 85, 07 21, 27	60.09 97.20 22.97	74.59 118.40 30.79	85.26 134.53 36.01	88.46 135.84 41.09	
Railroads (25)dolls. per share Standard Statistics (421)	75. 1 78. 8	53.3 51.5	$22.13 \\ 58.2 \\ 55.8$	49.9 47.7	47.5 45.4	47, 4 44, 8	49.1 46.2	44.9 42.5	43. 2 41. 6	47.5 48.8	62.9 65.3	74.9 77.3	80. 4 83. 5	
Railroads (33)	87. 1 49. 4	84. 2 29. 2	91. 4 34. 5	80. 6 27. 5	77.6 25.5	79.6 25.7	81. 8 27. 6	73. 1 26. 7	67. 0 25. 6	63, 5 26, 3	79. 2 37. 5	96. 9 44. 0	97.5 52.6	
Banks M V (90) 1096-100	58.3 58.2	64.8 43.4	73.5 47.3	66.3 43.1	63.3 41.7	65.8 41.4	67.9 44.0	63.5 42.5	49. 2 38. 1	47.2 37.8	53.1 50.4	60.7 55.7	60.9 60.0	
Balks, N. 1. (20) Fire insurance (20) 1926=100 Sales, N. Y.S.E	42, 466 36, 670	82, 649 27, 783	67, 424 26, 735	29, 188 23, 441	23, 038 22, 259	23, 208 22, 768	18, 720 23, 073	19, 320 19, 701	20, 089 19, 915	52, 901 26, 815	104, 229 32, 473	125, 627 36, 349	120, 300 32, 762	
Number of shares listed	1, 290 3. 25	1, 312 5. 65	1, 311 4. 91	1, 312 5. 73	1, 312 5. 84	1, 312 5. 68	1, 303 5. 42	1, 296 6. 10	1, 293 6. 30	1, 294 5. 58	1, 294 3. 99	1, 285 3. 27	1, 281 3. 02	
Industrials (50) percent Public utilities (20) percent	2, 93 4, 78	5, 75 5, 74	5.22 5.03	6.08 5.64	6. 12 5. 87	6.00 5.61	5.78 5.28	6.36 6.10	6.25 6.82	5.24 6.83	3.67 5.18	3.02 4.12	2,76 4,09	
Railroads (20)percent Preferred, Standard Statistics: Industrials, high grade (20)percent	2.73 6.20	4.47 7.11	2.51 6.88	3. 11 7. 02	3. 33 7. 19	3. 28 7. 34	3. 05 7. 17	4. 13 7. 32	5. 22 7. 52	5. 12 7. 32	3. 59 6. 78	3.06 6.38	2.58 6.22	
Stockholders (Common Stock)													0.24	
American Tel. & Tel. Co., totalnumber. Foreign Pennsylvania Railroad Co., totalnumber.			705, 501 7, 348 251, 041			701, 037 7, 507 250, 506						690, 886 7, 564 244, 295		
Foreignnumber U.S. Steel Corporation, totalnumber Foreignnumber			3, 327 189, 981 3, 140			3,323 190,853 3,155			3, 310 193, 140			3, 279 187, 477		
Shares held by brokerspercent of total			14.27			15. 21						17.91	<u></u>	

Revised.

† Revised series. For earlier data see D. 19 of the April 1933 issue.

* New series. See p. 20 of the June 1933 issue for earlier data.

October 1933

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933 1932						1933						
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
			FOF	EIGN	TRA	DE							
INDEXES Value:		1											
Exports, unadjusted	35 38 48 50	29 31 28 29	35 33 31 32	40 33 33 32	37 32 32 32 32	35 33 30 30	32 31 30 29	27 29 26 26	28 28 29 26	28 29 27 25	30 32 33 32	$32 \\ 36 \\ 38 \\ 40$	3 4 4 4
Total agricultural products1910-14=100 Total, excluding cotton1910-14=100	66 50	64 60	90 66	126 98	120 85	116 67	97 73	71 58	67 59	59 51	71 47	$72 \\ 45$	8 5
VALUE §							1						
Experts, incl. reexportsthous. of dolls By grand divisions and countries: Africathous. of dolls Japanthous. of dolls Francethous. of dolls Germanythous. of dolls United Kingdomthous. of dolls United Kingdomthous. of dolls Canadathous. of dolls Morth America, northeruthous. of dolls Mexicothous. of dolls North America, northeruthous. of dolls Mexicothous. of dolls Mexicothous. of dolls South Americathous. of dolls South Americathous. of dolls Argentinathous. of dolls Brazilthous. of dolls Chilethous. of dolls By economic classes: Exports, domesticthous. of dolls Crude materialsthous. of dolls	8,890 2,897 2,089 338	108, 599 2, 509 18, 810 4, 927 52, 909 9, 219 8, 663 3, 506 18, 638 19, 230 18, 846 8, 846 2, 521 6, 778 2, 2521 1, 825 260 106, 270 29, 742	132,037 2,809 22,180 7,803 72,628 10,252 15,791 4,774 25,725 19,196 18,731 8,224 2,340 7,000 2,550 1,984 2,340 7,000 2,550 1,984 2,200	$\begin{array}{c} 153,090\\ 3,374\\ 25,967\\ 10,716\\ 84,816\\ 84,816\\ 84,816\\ 84,816\\ 84,816\\ 92,920\\ 20,504\\ 9,695\\ 2,905\\ 8,462\\ 3,035\\ 2,265\\ 245\\ 151,035\\ 60,517\\ \end{array}$	$\begin{matrix} 138, 834\\ 2, 609\\ 27, 717\\ 13, 121\\ 70, 163\\ 14, 158\\ 12, 534\\ 4, 412\\ 24, 753\\ 18, 824\\ 10, 125\\ 3, 208\\ 9, 396\\ 2, 635\\ 3, 578\\ 234\\ 136, 402\\ 55, 326\\ \end{matrix}$	$\begin{array}{c} 131, 614 \\ 2, 864 \\ 30, 177 \\ 15, 606 \\ 64, 421 \\ 10, 241 \\ 10, 421 \\ 13, 645 \\ 13, 645 \\ 13, 437 \\ 10, 412 \\ 2, 907 \\ 10, 095 \\ 2, 711 \\ 3, 397 \\ 348 \\ 128, 975 \\ 52, 234 \\ 39.0 \end{array}$	$\begin{array}{c} 120, 630\\ 3, 055\\ 25, 272\\ 11, 185\\ 62, 218\\ 8, 924\\ 11, 739\\ 4, 443\\ 21, 309\\ 12, 664\\ 12, 432\\ 9, 296\\ 2, 682\\ 8, 125\\ 2, 712\\ 2, 605\\ 294\\ 118, 600\\ 42, 294\\ \end{array}$	101, 530 2, 335 20, 171 7, 299 7, 653 8, 563 4, 058 18, 730 11, 703 11, 501 2, 173 8, 131 2, 173 8, 131 2, 682 2, 682 291 99, 438 31, 848	$\begin{array}{c} 109,032\\ 2,632\\ 22,684\\ 9,614\\ 50,321\\ 7,955\\ 3,986\\ 17,645\\ 14,200\\ 13,841\\ 10,621\\ 1,675\\ 3,753\\ 1,912\\ 3,75\\ 106,310\\ 29,359\\ 20,359\\ \end{array}$	$\begin{array}{c} 105, 219\\ 3, 431\\ 17, 823\\ 6, 406\\ 52, 223\\ 8, 164\\ 8, 977\\ 3, 101\\ 18, 235\\ 13, 418\\ 13, 159\\ 10, 38\\ 2, 852\\ 7, 784\\ 2, 852\\ 7, 784\\ 2, 535\\ 2, 320\\ 297\\ 103, 106\\ 28, 621\\ \end{array}$	$\begin{array}{c} 114, 243\\ 2, 462\\ 20, 630\\ 1, 8, 663\\ 56, 883\\ 8, 077\\ 11, 415\\ 56, 883\\ 8, 077\\ 11, 415\\ 4, 558\\ 16, 730\\ 16, 433\\ 10, 364\\ 3, 274\\ 7, 175\\ 2, 350\\ 1, 813\\ 3, 273\\ 111, 883\\ 34, 977\\ \end{array}$	$\begin{array}{c} 119, 809\\ 2, 727\\ 20, 625\\ 7, 720\\ 8, 820\\ 8, 178\\ 10, 235\\ 4, 329\\ 22, 233\\ 18, 421\\ 18, 069\\ 10, 636\\ 2, 821\\ 8, 580\\ 2, 756\\ 1, 647\\ 518\\ 117, 523\\ 40, 257\\ \end{array}$	$\begin{array}{c} 144, 19\\ 3, 26\\ 30, 12\\ 15, 04\\ 68, 08\\ 8, 51\\ 11, 34\\ 4, 74\\ 24, 78\\ 21, 30\\ 20, 92\\ 11, 72\\ 3, 52\\ 11, 72\\ 3, 52\\ 14, 66\\ 51, 50\\ \end{array}$
By economic classes: Exports, domesticthous. of dolls Crude materialsthous. of dolls Raw cottonmills. of dolls Foodstuffs, totalthous. of dolls Foodstuffs, rudethous. of dolls Foodstuffs, manufthous. of dolls Meats and fatsmills. of dolls Manufactures, semithous. of dolls Manufactures, semithous. of dolls Manufactures, semithous. of dolls Manufactures, nishedthous. of dolls Matos and partsmills. of dolls Matos and partsmills. of dolls Machinerymills. of dolls Machinerymills. of dolls Machinerymills. of dolls Machinerythous. of dolls Hur group divisions and countries:	20, 465 49, 973 8. 1 3. 4 10, 9	$\begin{array}{c} 18.1\\ 17,317\\ 5,964\\ 11,352\\ 5.4\\ 4.0\\ 3.4\\ 12,868\\ 46,343\\ 5.1\\ 5.6\\ 9.0\\ 91,102 \end{array}$	47, 397 32.1 20, 381 5, 860 14, 521 9, 6 4.8 2, 6 15, 869 45, 891 4.9 5, 8 9, 1 98, 411	$\begin{array}{c} 40.0\\ 25,219\\ 8,614\\ 16,605\\ 12.2\\ 5.2\\ 2.7\\ 16,867\\ 48,433\\ 5.0\\ 5.3\\ 11.6\\ 105,499\end{array}$	$\begin{array}{c} 55, 326\\ 38, 5\\ 19, 885\\ 8, 610\\ 11, 275\\ 7, 9\\ 4, 1\\ 3, 5\\ 14, 589\\ 46, 601\\ 4, 4\\ 5, 4\\ 10, 2\\ 104, 468\\ \end{array}$	$\begin{array}{c} 39.0\\ 15,961\\ 4,367\\ 11,594\\ 4.8\\ 4.6\\ 2.1\\ 15,742\\ 45,038\\ 5.1\\ 4.6\\ 9.7\\ 97,087\end{array}$	$ \begin{array}{c} 42,294\\ 29,7\\ 16,178\\ 4,663\\ 11,515\\ 4.6\\ 5.9\\ 2.0\\ 15,831\\ 44,296\\ 6.5\\ 5.1\\ 9.2\\ 95,994 \end{array} $	31, 848 20, 6 12, 819 3, 244 9, 575 3, 8 4, 5 1, 2 13, 242 41, 528 6, 3 3, 8 8, 5 83, 803	18. 1 13, 397 3, 524 9, 873 3, 9 4, 4 1, 3 16, 507 47, 047 6, 9 3, 9 9, 4 94, 864	$ \begin{array}{c} 16.9 \\ 11,310 \\ 2,510 \\ 8,800 \\ 2.9 \\ 4.0 \\ 1.1 \\ 15,292 \\ 47,884 \\ 7.4 \\ 6.0 \\ 8.8 \\ 88,412 \end{array} $	$\begin{array}{c} 26.1\\ 13,044\\ 3,024\\ 10,020\\ 3.8\\ 4.9\\ 1.0\\ 17,644\\ 46,218\\ 7.4\\ 3.7\\ 9.1\\ 106,903 \end{array}$	$\begin{array}{c} 40, 257\\ 29, 3\\ 13, 362\\ 2, 704\\ 10, 659\\ 5.5\\ 1.2\\ 18, 181\\ 45, 732\\ 7.0\\ 3.9\\ 9.3\\ 122, 262\\ \end{array}$	$\begin{array}{c} 36.\\ 15, 38\\ 3, 07\\ 12, 30\\ 4.\\ 5.\\ 11, 21, 36\\ 53, 41\\ 7.\\ 6.\\ 10, 142, 99\end{array}$
Imports, total thous. of dolls. By grand divisions and countries: Africa Africa thous. of dolls. Japan thous. of dolls. Japan thous. of dolls. Japan thous. of dolls. Germany thous. of dolls. United Kingdom thous. of dolls. United Kingdom thous. of dolls. Canada thous. of dolls. Mexico thous. of dolls. South America, northern. thous. of dolls. Mexico Mexico thous. of dolls. Argentina thous. of dolls. Brazil thous. of dolls. Chile thous. of dolls. South America, southern. thous. of dolls. Argentina Argentina thous. of dolls. Brazil thous. of dolls. Chile thous. of dolls. Conducate chouse. thous. of dolls.	3, 179 47, 024 14, 099 51, 147 5, 410 8, 702 3, 473 14, 073 18, 024 17, 666	$\begin{array}{c} 1, 317\\ 25, 439\\ 10, 068\\ 26, 335\\ 3, 389\\ 5, 698\\ 2, 502\\ 5, 194\\ 13, 532\\ 12, 741\\ 12, 870\\ 2, 062\\ 11, 610\\ 598\\ 3, 184\\ 1, 680\end{array}$	12, 507 10, 623 2, 425 13, 244 804 5, 532	$\begin{array}{c} 1,412\\ 28,110\\ 10,505\\ 36,800\\ 4,510\\ 7,152\\ 3,900\\ 6,789\\ 14,701\\ 13,771\\ 9,62\\ 1,942\\ 14,853\\ 1,011\\ 6,383\\ 156\end{array}$	$ \begin{array}{c} 2,502\\ 30,348\\ 11,730\\ 35,422\\ 4,549\\ 6,380\\ 3,984\\ 6,540\\ 13,789\\ 13,021\\ 8,684\\ 1,819\\ 13,723\\ 1,148\\ 6,617\\ 260\\ \end{array} $	$\begin{array}{c} 1,946\\ 30,628\\ 12,322\\ 28,967\\ 3,824\\ 4,752\\ 3,618\\ 4,852\\ 11,493\\ 11,006\\ 9,334\\ 2,285\\ 14,719\\ 1,636\\ 6,114\\ 145\end{array}$	$\begin{array}{c} 2, 616\\ 31, 090\\ 7, 935\\ 28, 226\\ 3, 128\\ 5, 212\\ 2, 977\\ 4, 371\\ 11, 419\\ 10, 744\\ 9, 079\\ 2, 575\\ 13, 563\\ 1, 018\\ 5, 816\\ 271\\ \end{array}$	$\begin{array}{c} 1,990\\ 24,247\\ 5,686\\ 26,794\\ 2,991\\ 4,873\\ 2,552\\ 5,347\\ 8,567\\ 8,529\\ 8,197\\ 2,303\\ 14,008\\ 1,177\\ 7,244\\ 230\\ \end{array}$	$\begin{smallmatrix} 1, 631\\ 28, 760\\ 7, 527\\ 28, 192\\ 3, 000\\ 5, 612\\ 2, 693\\ 5, 796\\ 10, 123\\ 10, 055\\ 11, 490\\ 3, 046\\ 14, 667\\ 1, 257\\ 15, 7056\\ 194 \end{smallmatrix}$	$\begin{array}{c} 1, 198\\ 27, 069\\ 8, 055\\ 24, 421\\ 2, 207\\ 4, 727\\ 3, 318\\ 5, 095\\ 11, 140\\ 11, 078\\ 11, 678\\ 2, 517\\ 12, 906\\ 827\\ 6, 105\\ 409 \end{array}$	$\begin{array}{c} 1,208\\ 31,751\\ 8,462\\ 30,805\\ 2,733\\ 5,113\\ 3,282\\ 8,010\\ 15,405\\ 14,800\\ 12,607\\ 3,586\\ 15,036\\ 1,320\\ 438\\ 438\end{array}$	$\begin{array}{c} 2,243\\ 33,909\\ 11,467\\ 41,174\\ 3,111\\ 6,800\\ 3,720\\ 11,171\\ 15,716\\ 15,263\\ 10,931\\ 2,505\\ 18,289\\ 1,772\\ 5,158\\ 3,788\\ \end{array}$	$\begin{array}{c} 2, 66\\ 47, 79\\ 14, 42\\ 43, 76\\ 3, 85\\ 7, 44\\ 3, 55\\ 12, 55\\ 19, 86\\ 19, 38\\ 11, 5\\ 2, 44\\ 17, 44\\ 4, 0\\ 6, 42\\ 76\\ 6, 42\\ 76\\ 76\\ 76\\ 76\\ 76\\ 76\\ 76\\ 76\\ 76\\ 76$
Crude materialsthous. of dolls. Foodstuffs, crudethous. of dolls. Foodstuffs, manufacturedthous. of dolls. Manufactures, semithous. of dolls. Manufactures, finishedthous. of dolls.	19,758 15,644	22, 150 13, 885 15, 340 15, 091 24, 635	17, 327 13, 941 14, 619	27, 202 19, 445 14, 056 16, 719 28, 076	27, 780 19, 153 12, 821 16, 615 28, 099	28, 737 17, 643 10, 519 16, 747 23, 440	1 12, 817	21, 129 17, 864 12, 097 13, 606 19, 107	23, 633 18, 411 15, 145 14, 751 22, 924	21, 134 16, 557 16, 270 13, 537 20, 914	24, 920 19, 721 20, 033 18, 337 23, 622	34, 301 17, 775 19, 083 27, 812 23, 290	46, 4 15, 8 22, 8 31, 0 26, 7

TRANSPORTATION AND COMMUNICATIONS

TRANSPORTATION						'							1
Express Operations													
Operating revenuethous. of dolls Operating incomethous. of dolls		6, 775 136	7, 122 132	7, 216 130	7, 039 134	7, 351 124	6, 603 136	6, 368 138	6, 438 129	6, 523 115	6, 746 122	6,659 121	
Electric Street Bailways													
Fares, average (320 cities)cents Passengers carried †thousands Operating revenuesthous. of dolls	637, 278	8. 219 637, 191 45, 400	8. 229 659, 316 45, 114	8. 212 702, 854 48, 647	8. 235 684, 096 47, 600	8, 235 728, 015 50, 459	8, 192 690, 837 47, 384	8, 192 640, 635 43, 656	8. 169 689, 427 46, 471	8, 143 763, 031 45, 784	8. 143 693, 493 47, 401	8, 143 697, 099 45, 134	8. 143 620, 424
Steam Railroads													
Freight carloadings (F.R.B.): 1923-25 = 100. Coal. 1923-25 = 100. Coke 1923-25 = 100. Porest products. 1923-25 = 100. Grain and products. 1923-25 = 100. Livestock. 1923-25 = 100. Merchandise, 1.c.l. 1923-25 = 100. Ore. 1923-25 = 100. Miscellaneous. 1923-25 = 100. Miscellaneous. 1923-25 = 100.	72 55 37 64 50 69 90	53 49 23 21 83 51 68 18 53	61 64 31 25 82 64 72 16 62	65 77 40 26 72 69 72 16 66	58 72 41 23 63 59 70 7 56	52 74 48 18 57 50 64 5 45	51 63 44 20 59 53 65 5 45	$51 \\ 51 \\ 52 \\ 19 \\ 56 \\ 46 \\ 64 \\ 5 \\ 44$	48 51 35 21 58 39 63 5 45	51 44 27 24 76 50 65 8 54	56 47 33 30 81 51 68 21 60	$\begin{array}{c} 60\\ 54\\ 44\\ 36\\ 83\\ 46\\ 67\\ 32\\ 64\end{array}$	66 66 55 38 98 46 70 62 67

§ 1932 figures include final revisions. For revisions for January through March 1932 see issues of March, April, and May 1933. † Revised series. For earlier data see p. 19 of the August 1933 issue.

SURVEY OF CURRENT BUSINESS

Monthly statistics through December 1931,	1933			1932						1933			
together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	Мау	June	July
TRANS	POR	TATIC)N AN	D CO	OMMU	JNIC	ATIO	NS-C	ontinue	ed			
TRANSPORTATION-Continued													
Steam Railroads—Continued													
Freight carloadings—Continued Index, adjusted	61	51	54	57	57	58	56	54	50	53	56	60	6
Coal	74 61	51 25 20	54 59 32	68 39	66 40	69 45	56 40	65 45	55 35 20	53 53 29 22	52 33	63 44	66 77 65 38 88 57 77 38 57 77 36
Forest products	35 53	20 68 57	24 68	25 65	24 59	22 59 50	22 61	19 58	69	1 99	28 99	34 95	8
Livestock	56 69 53	68 10	54 69 10	52 69 12	51 68 10	69 20	50 69 20	49 66 20	45 62	53 63 17	54 66 14	54 67 18	7
Miscellaneous	57 2, 503	48 2,065	52 2, 245	56 3, 158	57 2, 195	57 2,487	57 1,910	51 1,958	23 47 1,841	52 2,505	57 2, 128	61 2, 265	6 3, 10
Coalthousandsthousands	494 27	338 11	414	676 24	491 19	626 28	429 21	492 25	366	2, 303 397 17	318	362 20	56
Forest products	109 118	$\begin{array}{c} 62\\ 154\end{array}$	69 148	95 174	64 111	66 132	55	55 101	59 104	86 177	83 148	100	13 22 7
Livestockthousandsthousands	66 680	67 676	81 681	117 893	76 666	83 777	69 613	62 618	52 624	82 803	66 661		83
Orethousandsthousand	137 872	28 728	24 813	32 1, 148	12 756	9 765	610	598	8 611	16 926	31 805	44 876	11 1, 13
Boxthousands	398 237	708 377 261	599 324 210	545	622 353	647 376 196	692 381	650 368	681 362	619 314	553 281	454 242	393 210
Coalthousands Equipment, mfrs. (See Trans. Equip.) Financial operations (class I roads):	106	201	210	171	198	190	233	206	244	237	204	148	117
Dividends paid. (See Finance.) Operating revenuesthous of dolls		252, 102	272, 473	298, 462	253, 575	246,062 188,164	226, 555 179, 239	211, 613	217, 599	224,877	255, 256	278, 311 223, 236	293, 708 240, 17
Operating revenuesthous. of dolls Freightthous. of dolls Passengerthous. of dolls Operating expensesthous. of dolls Net operating incomethous. of dolls		194, 987 31, 385 189, 631	214, 599 30, 481 189, 377	244, 074 26, 179 200, 147	203, 146 24, 859 189, 667	30, 202 188, 205	26, 654 181, 680	23, 585	174,916	180, 212 22, 920 173, 296	207, 490 23, 911 181, 584	223, 236 30, 981 185, 325	240, 177 30, 964 194, 908
Net operating incomethous. of dolls Operating results (class I roads):		28, 368	49, 647	63, 839	34, 179	32, 857	13, 266	9,855	175, 295 10, 548	19,041	40, 693	59, 483	64, 307
Freight carried 1 milemills. of tons Receipts per ton mile		20,046 1.065 1,556	22,706 1.029 1,529	26, 344 1. 010 1, 231	21,754 1.020 1,156	21,102 .978 1,380	19,986 .995 1,167	19, 117 . 977 1, 045	19, 357 1, 009 997	19,831 1.012 1,088	21,732 1.046 1,170	23,712 1.036 1,495	26, 460
Waterway Traffic													
Canals: Cape Codthous. of short tons	254	214 528	215 478	235 554	224 588	224 0	200 0	158 0	192	212	245	207	288
Panama, totalthous. of long tons.		1, 349 650	1,347 638	1,582 723	1,532 682	1,622 587	1,464 560	1, 435 623	0 1,738	183 1,528 302	542 1,630	$ \begin{array}{r} 479 \\ 1, 691 \\ 779 \end{array} $	1, 699 828
St. Lawrence	980 7, 690	a 939 3, 095	1,061 3,807	1, 014 3, 924	751	51 215	0	020	724	352 696	783 835 3,490	994 3, 582	830 6, 050
New York Statethous. of short tons. Panama, totalthous. of long tons U.S. vesselsthous. of long tons St. Lawrencethous. of short tons. Sault Ste. Mariethous. of short tons. Suezthous. of metric tons. Wellandthous. of short tons.	1, 212	1, 893 1, 162	1, 768 1, 292	2, 171 1, 252	2,021 1,087	2, 177 147	2, 225	1,983 0	2,468	2, 289 588	2, 142	1, 960 1, 239	2, 179
Rivers: Alleghenythous. of short tons Mississippi (Government barges)	351	148	127	170	150	110	83	81	92	115	168	283	291
thous of short tone	113	100	95	109	113	94	81	72	79	82	113	110	a 133
Monongahelathous. of short tons Ohio (Pittsburgh to Wheeling)	1, 339	601	697	796	763	776	799	683	701	776	1,022	1, 397	1, 561
Ocean traffic:	851	430	446	534	494	434	465	400	357	456	576	827	732
Clearances, vessels in foreign trade thous. of net tons Foreignthous. of net tons	6, 363 4, 059	6, 191	5,902	5, 325 3, 305	5, 019 3, 084	4, 299 2, 701	4, 226 2, 633	4, 050 2, 460	4, 528	3, 326	5,129	5, 515 3, 530	5, 991
United Statesthous. of net tons Shipbuilding. (See Trans. Equip.)	4, 039 2, 304	4,053 2,138	3, 747 2, 155	2,020	1,936	1, 598	1, 594	1, 590	2, 861 1, 667	1, 782 1, 544	3, 259 1, 870	1,985	3, 779 2, 212
Travel Airplane travel:												ļ	
Passengers carried*number Passenger miles flown*thous. of miles		57, 995 15, 936	52, 829 14, 586	38, 548 11, 192	30, 671 9, 102	22, 889 6, 913	24, 300 7, 854	24, 506 7, 633	24, 945 8, 070	29, 557 9, 365	$38,543 \\ 12,629$	54, 247 18, 861	61, 504 21, 417
Hotel business: Average sale per occupied roomdollars	2. 98	3. 24	3.16	3.12	3. 13	2.98	2.94	2.98	2, 80	2.85	2.71	2.83	2.84
Rooms occupiedpercent of total Foreign travel:	49	46	48	53	50	47	54	51	45	48	51	47	48
Arrivals, U.S. citizensnumber Departures, U.S. citizensnumber		54,070 57,887	60, 258 38, 368	28, 058 28, 854	14, 879 22, 129	13, 259 20, 461	14, 159 19, 792	17, 005 19, 097	18,414 16,682	18,539 16,012	20,029 17,727	18, 325 22, 238	
Emigrantsnumber Immigrantsnumber Passports issuednumber	7, 540	8, 783 2, 719 10, 163	8,856 3,129 8,039	7, 788 2, 388 6, 133	8, 031 2, 006 6, 007	8, 040 1, 846 4, 838	5, 019 1, 511 5, 742	4, 345 1, 277 4, 945	4, 287 1, 393 6, 480	4, 409 1, 300 9, 744	4,002 1,694 17,428	10,414 1,726 23,563	12, 323
National parks: Visitorsnumber	441, 795	488, 562	211,601	69, 454	36, 290	27, 343	36, 463	43, 379	40, 969	66, 313	92, 518	229, 496	440, 728
Automobilesnumber Pullman Co.:	117, 261	125, 973	57, 226	19, 838	7, 947	5, 662	6, 226	6, 496	5, 734	11, 326	21, 733	59, 924	117, 750
Passengers carriedthousandsthousand		1, 323 3, 475	1, 339 3, 648	1, 158 3, 127	1, 078 2, 902	1, 248 3, 294	1, 158 3, 208	952 2, 784	872 2, 643	974 2, 880	951 2, 711	1, 201 3, 608	3, 356
COMMUNICATIONS													
Telephone (class A companies): Operating revenuesthous. of dolls		82, 690	82, 588	83, 045	80, 679	81, 904	79, 726	76, 061	78, 925	78, 053	80, 797	80, 704	79, 421
Station revenuesthous. of dolls Tolls, messagethous. of dolls		55, 911 19, 857	56, 119 19, 537	57, 094 19, 093	56, 356 17, 575	56, 500 18, 507	56,011 17,016	53, 962 15, 512	54, 615 18, 155	54, 116 17, 442	54, 706 19, 502	54, 104 19, 832	52, 341 20, 167
Operating expensesthous. of dolls Operating incomethous. of dolls		56, 976 17, 048	55, 180 18, 743	55, 390 18, 966	55, 444 17, 061	56, 175 18, 540	58, 215 14, 024	55, 559 13, 102	57, 387 14, 254	55, 653 14, 897	57, 297 15, 996	56, 193 16, 201	55, 473 15, 954
Stations in service, end of mothousands Telegraphs and cables:		15, 592	15, 498	15, 379	15, 261	15, 142	15, 015	14, 902	14, 779	14, 676	14, 589	14, 483	14, 399
Operating revenuesthous. of dolls Commercial telegraph tolls_thous. of dolls		8, 638 6, 545	8, 728 6, 534	8, 229 6, 205	7, 706 5, 697	8, 352 6, 334	7, 317 5, 529	6, 976 5, 250	8, 827 6, 841	7, 992 6, 133	9, 169 6, 952	9, 557 7, 289	9, 297 7, 032
		7, 646 602	7, 521 818	7, 494 349	7,425 104	7,010 888	7,117 d 194	6, 605 346	7,055 1,375	6, 655 938	6, 945 1, 817	7,790 1,309	7, 434 1, 447

Data for October, December 1932, April and July 1933 are for 5 weeks; other months 4 weeks.
 New series. Covers scheduled airlines operating in United States. Earlier data not published.
 a Revised.

October 1933

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933			1932						1933		<u></u>	3
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	Мау	June	July
	CHI	EMIC.	ALS A	ND A	LLIE	D PR	ODU	CTS					
CHEMICALS Alcohol:													
Denatured: Consumption (disposed of)	1												
thous. of wine gal Productionthous. of wine gal Stocks, end of monththous. of wine gal		8, 679 8, 172 5, 016	7,000 6,633 4,639	7, 041 7, 255 4, 841	6, 277 4, 917 3, 468	5, 328 4, 616 2, 750	4, 519 3, 614 1, 839	3, 758 3, 909 1, 988	3, 900 4, 147 2, 230	3, 654 3, 682 2, 256	4, 818 4, 915 2, 349	4, 662 4, 890 2, 570	5, 170 5, 099 2, 483
Ethyl: Productionthous. of proof gal Stocks, warehoused, end of month			13, 355	13, 140	7, 391	5, 278	6, 014	9, 084	8, 229	9, 012	9, 149	10, 683	11, 684
thous, of proof gal Withdrawn for denaturing		18,079	18, 780	19, 154	18, 020	16, 140	14, 782	15, 922	16, 639	19, 186	19, 094	20, 382	22, 230
thous. of proof gal Methanol, wood distilled:		13, 780	11, 906	11, 905	8, 011	6,722	5, 969	6, 691	7, 013	6, 071	8, 264	8, 688	8, 654
Crude: Production *gallons Stocks, total *gallons	262, 446	98, 872 477, 538	98, 108 329, 507	188, 405 253, 055	290, 557 273, 701	303, 026 228, 867	312, 481 297, 163	256, 826 281, 484	268, 064 288, 198	174, 201 271, 914	184,921 253,499	179, 368 317, 110	210, 709 285, 619
Refined: Exportsgallons	42, 458	60, 123	134. 564	79,714	83, 731	62, 156	112, 122	62, 613	233, 754	147, 338	59, 621	33, 100	93, 833
Refined: Exports	. 37 181, 625	. 37 150, 686	. 37	. 37 197, 534	. 37	. 37 173, 636	. 37	.37	.37 124,086	, 37 82, 846	. 37 95, 365	. 37 98, 131	. 37 153, 199
Shipments *gallonsgallons	97, 697 444, 179	145, 724 247, 535	92, 220 257, 763	159, 491 295, 806	195, 065 241, 325	196, 786 218, 175	59, 546 324, 489	90, 285 351, 440	93, 848 381, 678	105, 559 358, 965	105, 578 348, 752	131, 203 315, 680	108,628 360,251
Methanol, synthetic: Productiongallonsgallons Shipmentsgallonsgallons Stocks, end of monthgallons		792, 641	697, 890 550, 862	571, 372	531, 635 819, 251	643, 598 587, 406	352, 748 512, 781	324, 527 625, 484	178, 232 665, 702	425, 333 576, 646	366,015 761,369	559, 002 830, 220	561, 918 732, 735
			3,829,635	3,442,098	3,154,482	3,210,674	3,050,641	2,749,684	2,262,214		1,715,547		1,273,512
Orders, newthous. of lbthous. of lbthous. of lbthous. of lbthous. of lbthous. of lbthous.		17,607 17,903	20, 867 19, 557	22, 122 22, 624	19,074 20,753	17,998 17,930	17, 129 17, 777	15,437 16,008	15, 435 15, 804	15,006 16,005	14, 975 15, 781	17, 886 17, 271	
Shipments thous of Ib. Stocks, end of month thous. of Ib.		18, 956 15, 187	20, 152 14, 548	23, 011 14, 213	20, 054 14, 912	17, 807 15, 020	17, 520 15, 545	16, 424 14, 935	14, 986 15, 307	15, 502 15, 711	$15,449 \\ 16,033$	18, 213 13, 759	
Explosives: Orders, newthous. of lb Productionthous. of lb Shipmentsthous. of lb Stocks, end of monththous. of lb Sulphur and sulphuric acid: Sulphur, production (quarterly)long tons Sulphuric acid (104 plants): Consumed in prod. of fartilizer short tons.	.		194, 471			188, 607			116, 478			233, 233	
Price wholesale 66° at works		02,212	53, 259	74, 813	99, 615	102, 886	100, 446	87, 500	76, 573	71, 649	67, 162	a 53, 586	71, 372
dolls. per short ton	15. 50	15.50 58,345	15, 50 61, 152	15.50 84,471	15.50 115,684	15.50 119,350	15.50 114,618	15. 50 99, 825	15, 50 79, 328	15, 50 73, 900	15.50 90,605	15.50 •76,530	15. 50 98, 499
From fertilizer mfrsshort tons From othersshort tons		12,404	11, 846 4, 652	16, 224 9, 158	14,702 13,429	17, 583 9, 830	13, 794 15, 002	10, 625 9, 987	10, 309 8, 544	12,222 14,487	7, 311 8, 247	a 10, 323 a 13, 320	23, 043 16, 147
Shipments: To fertilizer mfrsshort tons To othersshort tons		5, 720 24, 380	7, 139 23, 261	10, 920 23, 579	10, 165 22, 805	15, 284 24, 363	14, 641 26, 538	14,063 21,675	14, 439 19, 751	$14,065 \\ 23,612$	13, 194 37, 278	° 14, 236 ° 30, 819	13, 251 38, 885
FEBTILIZERS		}			Í		1						
Consumption, Southern States thous. of short tons	45	a 39	97	98	60	85	205	298	825	a 1, 119	235	43	18
Exports, total§long tonslong tong tong tong tong tong tong tong t	90,433	$52,926 \\ 15,234$	64, 701 32, 606	67, 268 20, 679	71, 724 13, 833	71, 136 18, 185	56, 163 8, 829	59, 894 7, 836	85, 481 9, 485	69, 580 4, 239	60, 349 5, 987	85, 534 7, 625	81, 140 6, 579
		36,708 172	30,005 374 88,006	44, 204 50 91, 619	50, 209 65 85, 206	52, 314 73 47, 956	44, 128 14 94, 313	50, 143 80 90, 349	73, 165 55 97, 507	63, 621 57 102, 204	52, 479 104 101, 085	$71,624 \\ 166 \\ 105,083$	70, 789 250 81, 207
Nitrogenous§long tonslong tons	34, 129 3, 943	57, 530 26, 208 0	44, 817 517	42, 831 13	48, 627 4, 887	30, 760 48	55, 281	65, 457 2, 516	61, 535 106	70, 934	59, 561 8, 431	72, 190	38, 490
Imports, totals long tons. Nitrogenouss long tons. Nitrate of sodas long tons. Phosphates long tons. Potash long tons. Price, nitrate of soda, 95 percent, N.Y. dalls per cent	4, 603 56, 045	4, 063 23, 650	3, 220 33, 534	9, 506 30, 000	4, 888 24, 478	4, 878 7, 128	5, 956 24, 968	4, 539	5, 814 21, 885	3, 934 20, 537	3, 486 22, 714	5, 246 19, 107	2, 949 38, 053
dous, per en es	1. 295	1.633	1. 220	1. 240	1. 270	1, 295	1. 295	1, 295	1. 295	1, 305	1.345	1.345	1. 315
Superphosphate, bulk: Productionshort tonsshort tonsshor		112, 919 12, 275	117, 175 80, 779	150, 018	209, 476 13, 028	224, 794	227, 154 16, 188	188, 631 31, 561	167, 114 155, 402	158, 890 265, 511	177, 649 94, 066	130, 271 21, 508	163, 953 17, 515
Stocks, end of monthshort tons		868, 657	853, 035	47, 338 874, 042		1,076,520	1,089,429	1,066,567	897, 888	521, 297	477, 497	514, 853	564, 657
NAVAL STORES Pine oil: Productiongallons_	283, 152	189, 132	231, 115	195, 248	227, 273	199, 202	233, 286	186, 598	202, 929	184, 760	208, 133	215, 130	271, 014
Rosin, gum: Price, wholesale "B," N.Ydolls. per bbl.	4.96	3. 41	3. 65	3, 55	3. 44	3. 01	2.89	2. 89	2.89	3, 28 63, 372	4.10	4.30	5. 10 123, 97
Receipts, net, 3 portsbbl. (500 lb.)_ Stocks, 3 ports, end of month_bbl. (500 lb.)_	113, 107	99, 148 386, 664	83, 484 356, 985	75, 153 335, 301	76, 804 346, 908	71, 458 332, 613	35, 064 295, 859	30, 639 263, 270	35, 796 237, 350	63, 372 212, 526	110,450 227,022	121, 946 219, 882	123, 97 234, 578
Rosin, wood: Productionbbl. (500 lb.) Stocks; end of monthbbl. (500 lb.)	42, 961 57, 010	31, 141 104, 990	31, 155 102, 422	33, 132 96, 367	31, 308 98, 048	29, 220 100, 053	31, 188 104, 771	25, 583 104, 223	26, 597 98, 615	24, 926 86, 406	31, 045 70, 934	35, 163 63, 058	41, 033 61, 785
Turpentine, gum: Price, wholesale, N.Ydolls. per gal Receipts, net, 3 portsbbl. (50 gal.).	33, 237	. 42 27, 770	. 46 22, 811	.46 19,362	. 45 18, 125	. 42 15, 979	6,283	. 45	.46 6,710	.43	.47	. 46 35, 549	35, 26
Stocks, 3 ports, end of month.bbl. (50 gal.) Turpentine, wood: Productionbbl. (50 gal.).	6,779	86, 467 4, 861	82, 364 5, 020	82, 503 5, 202	91, 212 5, 454	91, 971 5, 070	4, 975	4, 175	63, 679 4, 255	59, 212 3, 831	67, 117 5, 028	64, 824 5, 514	6, 51
Stocks, end of monthbbl. (50 gal.). OILS, FATS, AND ANIMAL	- 5, 496	6, 930	7,054	8, 312	10,602	13, 112	14, 194	14, 399	12, 387	10, 863	6, 981	7, 242	5, 673
BYPRODUCTS					}	ł				1			
Animal fats and byproducts (quarterly): Animal fats: Consumption, factorythous. of lb.			171,011	1		140 864]		138,652			173, 578	
Productionthous. of lb_ Stocks, end of quarterthous. of lb_			474, 719			570, 199			598,610			641,744	
Animal glues:	ļ	1		1	1	1	4			1			
Productionthous. of lb_ Stocks, end of quarterthous. of lb_ Gelatin, edible:		2				}						·	
Productionthous. of lb. Stocks, end of quarterthous. of lb.			1,300 8,508			3, 511 9, 107						3, 180 9, 822	

• New series. For earlier data see p. 20 of the April 1933 issue. § Data for 1932 revised. See p. 36 of the June 1933 issue. • Revised.

nthly statistics through December 1931, ogether with explanatory footnotes and refer-	1933			1932						1933			
sensitive splanatory footnotes and refer- nces to the sources of the data, may be found a the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	Мау	June	Ju
CHJ	EMIC.	ALS A	ND A	LLIE	D PR	ODU	CTS	Contin	ued				
OILS, FATS, AND ANIMAL BY- PRODUCTS—Continued													
umal fats and by-productsContinued Greases:		ł											
Consumption, factorythous. of lb Productionthous. of lb Stocks, end of quarterthous. of lb			50, 047 74, 640			48, 575			44, 889			59, 535	
Stocks, end of quarterthous. of lb.	•		69,162			80, 058 72, 013			79, 411 71, 894			89, 974 75, 634	
Lard compounds and substitutes: Productionthous, of lb.,			276, 916			225, 932			203, 564			245,010	
Production						26, 265			25, 020			21,792	
Consumption, factorythous. of lb Productionthous. of lb Stocks, end of quarterthous. of lb	.		38, 943 36, 722			36, 817 28, 682			29, 741 18, 197			41, 795 6, 602	
Stocks, end of quarterthous. of lb_			195, 886			197, 290			181, 374			149, 105	
getable oils and products: Vegetable oils, total: Consumption, factory (quarterly)			1			837, 087			660 000			701 020	
thous. of lb Exportsthous. of lb	444	867	506, 351 2, 029	5, 516	3, 961	6,356	7,406	6, 627	660, 362 4, 697	2, 357	2, 243	701,039	
thous. of lb Imports \$thous. of lb. Production (quarterly)thous. of lb.	. 84, 938	55, 978	43,971 418,363	41, 085	50, 631	66, 191 798, 395	75, 298	40, 237	69, 913 600, 825	55, 039	82, 720	87,056 432,308	6
Stocks, end of quarter:	1	}	538, 909		1	575.970			664, 447			488, 679	
Stocks, end of quarter: Crudethous. of lb Refinedthous. of lb Copra and coconut oils: Copra:			532, 231			763, 781			839, 933			769, 898	
Consumption, factory (quarterly) short tons.			42,067			56, 959			59, 225			62,805	
Importsshort tons_ Stocks, end of quartershort tons_ Coconut or copra oil:	31, 783	14, 482	16, 397 9, 448	23, 362	25, 049	26, 772 28, 084	18,009	27, 300	14, 852 24, 571	15, 754	24, 895	62, 805 27, 257 23, 779	4
Consumption, factory: Crude (quarterly)thous. of lb			130,032			127,640			120, 207			141,082	
Refined, total (quarterly)	1		62, 380		1	67, 701			69, 426			72, 476	
In oleomargarinethous. of Ib. Importsthous. of Ib. Production (quarterly): Crudethous. of Ib. Refinedthous. of Ib.	22. 727	9, 621 15, 698	10, 425 17, 335	11, 920 9, 442	11, 936 14, 912	12, 234 26, 110	13, 434 28, 136	10,706 13,148	13, 498 29, 651	12, 788 20, 210	12,272 32,677	8, 715 29, 776	1
Production (quarterly):	,		53, 015			70, 819						79,942	
Refinedthous. of lb.			57, 350			59, 847			76, 028 61, 785			68, 389	
Stocks, end of quarter: Crudethous. of lb Refinedthous. of lb			145, 339			120, 928			138, 551			138, 024	
Cottonseed: t	1					14, 227	410 854		14, 382			16, 815	
Consumption (crush)short tons Receipts at millsshort tons Stocks at mills, end of month short tons Cottonseed cake and meal: †		≤152,826 ≤118,409 ≤265,607	873, 033 968, 757 666, 877	711, 236 1,258,516 1,214,157	1		300, 753 1,211,440	440, 333 198, 291 969, 398	368, 336 148, 382 749, 164	249, 267 95, 100 594, 997	219, 024 71, 921 447, 894	171, 669 40, 659 316, 764	16 6 22
Exports*short tonsshort tonsstocks at mills, end of month_short tons	2, 231 106, 632 178, 853	3,030 ^a 70,907 ^a 98,714	12, 622 256, 555 201, 421	25,702 319,695 308,788	18, 430 302, 815 367, 661	28, 698 216, 133 366, 626	21, 941 190, 943 342, 565	23, 873 198, 762 332, 624	5,039 167,464 286,197	4, 564 115, 602 221, 453	5, 373 100, 631 207, 175	50 79, 975 197, 902	74
Cottonseed oil, crude: † Productionthous. of lb		•46,012	173, 198	218, 949	208, 238	151, 315	130, 699	139, 178	116, 668	80, 163	73, 324	56, 347	5
Stocks, end of monththous. of lb Cottonseed oil, refined: Consumption, factory (quarterly)	- 58,826	•29, 177	103, 100	133, 875	147, 746	143, 835	146, 688	159, 060	161, 246	122, 517	81, 279	63, 759	5
thous. of lb_ In oleomargarinethous. of lb_		1, 241	283,700	1,270	1, 378	229,799 1,519	1,467	1, 274	209, 942 1, 408	1, 382	1, 491	262, 648	
Price, summer yellow, prime, N. Y. dolls, per lb.	ļ	1	. 045	. 040	. 037	. 035	. 036	. 035	.037	.040	. 050	. 056	
Production †thous. of lb Stocks, end of month †thous. of lb Flaxseed and products:	58,090	a39, 780 525, 697	81, 183 503, 199	165, 906 581, 583	187, 047 670, 558	133, 618 730, 492	112, 212 759, 730	113, 517 802, 125	107, 938 807, 376	97, 615 804, 201	107, 508 779, 447	70, 512 737, 849	67
Flaxseed: Imports, United Statesthous. of bu	. 1,781	20	603	437	384	914	368	570	732	221	806	1, 056	
Minneapolis and Duluth: Receiptsthous. of bu	1,075	2, 486	2, 845	1, 548	729	434	399	101	107	179	524	641	1
Shipmentsthous. of bu Stocks, end of monththous. of bu Oil mills: Consumption, quarterly.thous. of bu	156 1, 117	519 1, 565	1, 427 3, 265	1,700 2,109	1, 340 1, 200	293 1, 210 4, 998	393 1, 023	126 1,026	153 950	235 1,037	267 912	334 960	
Stocks, end of quarter, thous, of bu			3, 739 2, 663			3,121			4, 365 1, 646			4, 268 854	
Price, no. 1, Minndolls. per bu Production, crop estimate thous. of bu Stocks, Argentina, end of month	1	1. 01	1. 11	1.13	1.06	1.09 /11,787	1.16	1.10	1. 13	1.28	1. 43	1.72	
Linseed cake and meal:		7,087	5,906	3, 937	3, 937	5, 512	5, 512	5, 512	6, 299	6, 693	8, 268	7,087	
Exportsthous. of lb Shipments from Minneapolis		19, 372	5, 923	22, 116	17,797	14, 753	26, 690	22, 799	17, 291	20, 518	17,676	26, 862	3
thous. of lb Linseed oil: Consumption, factory (quarterly)		12, 960	14, 338	11,367	8, 411	8, 576	8, 297	6, 410	8, 693	9, 564	10, 799	7,792	
thous. of lb Price, wholesale, N.Ydolls. per lb Production (quarterly)thous. of lb	. 105	. 055	51, 575 . 061 68, 503	. 063	. 067	43, 833 . 069 90, 987	. 073	. 072	39, 021 . 075 79, 595	. 078	. 087	76, 975 . 094 79, 035	
Shipments from Minneapolis thous. of lb Stocks at factory, end of quarter	1	4, 752	7, 257	4, 849	4, 007	2, 510	4, 108	3, 462	4, 405	8, 152	8, 770	7, 855	
Lard compound: thous. of lb	•	 	97, 496			121, 775			141, 105			86, 926	··
Price, tierces, Chicago*dolls. per lb_	.071	. 069	. 074	. 066	. 063	. 060	. 059	. 059	. 060	. 063	. 073	. 075	
Oleomargarine:		1	1		1		1			1		1	
Oleomargarine: Consumption (tax-paid withdrawals) thous. of Ib_ Price, standard, uncolored, Chicago	19, 227	15, 020	16, 211	19, 391	20, 048	18, 269	22, 920	15, 498	23, 106	18, 358	19, 578	15, 578	1

• As of Sept. 1. # As of Dec. 1. # For revisions of the year ended July 1932, see p. 20 of the February 1933 issue.

* New series. Earlier data not published. § Data for 1932 revised. See p. 37 of the June 1933 issue.

October 1933

Monthly statistics through December 1931,	1933			1932			}			1933			
together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
CHI	EMIC.	ALS A	AND A	LLIE	D PR	ODU	CTS-	Contin	ued				
PAINTS													
Paints, varnish, and lacquer products: # Total sales (588 estab.)thous. of dolls Classified (315 estab.)thous. of dolls Industrialthous. of dolls Trade Unclassified (273 estab.)thous. of dolls Plastic, cold-water paints, and calcimines: Solew:		16, 032 10, 770 3, 851 6, 919 5, 263	16, 806 11, 198 3, 981 7, 217 5, 608	15, 592 10, 607 3, 997 6, 610 4, 986	13, 260 8, 796 3, 599 5, 197 4, 464	10, 128 6, 730 3, 223 3, 507 3, 398	11, 946 7, 694 3, 530 4, 164 4, 252	12, 346 8, 184 3, 417 4, 767 4, 161	14, 436 9, 174 3, 385 5, 799 5, 253	20, 343 13, 319 4, 672 8, 647 7, 025	27, 574 17, 805 6, 053 11, 752 9, 768		
Sales: Calciminesdollars Plastic paintsdollars Cold-water paintsdollars		102 299	117, 732 68, 485 48, 150	113, 493 65, 529 47, 344	68, 098 129, 064 42, 228	65, 660 50, 170 30, 756	60, 047 74, 379 37, 214	75, 988 104, 789 42, 320	99, 810 86, 440 44, 159	116, 523 88, 071 61, 314	181, 543 114, 546 84, 241	152, 678 113, 739 83, 287	
PYROXYLIN PRODUCTS Rods:													
Production*thous. of lb		126	155 163	135 188	144 154	72 105	76 119	81 102	65 91	105 132	163 127		
Production*thous. of lb Shipments*thous. of lb Tubes:		540 691	802 941	940 1,007	839 818	713 787	635 753	597 688	535 687	594 804	984 955		
Production*thous. of lb Shipments*thous. of lb		14 25	29 33	33 47	26 52	18 27	14 29	23 26	18 33	26 27	33 37		
ROOFING Dry roofing felt: Productionshort tons Stocks, end of monthshort tons Prepared roofing, shipments:		18, 474 4, 078	22, 781 3, 717	17, 778 3, 706	9, 450 4, 662	7, 604 4, 827	5, 460 4, 864	11, 100 5, 146	14, 168 4, 959	16, 477 4, 454	20, 741 3, 701	19, 678 5, 472	20, 313 3, 908
Total thous squares. Grit roll thous squares. Shingles (all types) thous squares. Smooth roll thous squares.		2, 837 672 707 1, 457	3, 103 764 878 1, 461	2, 573 630 656 1, 287	1, 202 271 192 739	621 141 118 362	840 191 113 535	1, 694 348 323 1, 022	2, 731 525 522 1, 685	2, 267 522 470 1, 275	2, 804 691 672 1, 441	2, 026 552 435 1, 039	2, 700 662 617 1, 421
		ELE		C POV	WER	AND	GAS	<u> </u>		(<u> </u>	L	
ELECTRIC POWER													
Consumption, industrial, for power purposes. (See Business Indexes.) Fuel consumed in production of electrical energy. (See Fuels.)							0.000		0.074	a 100			_
Production, total †mills. of kwhrs By source: Fuels mills. of kwhrs		6, 764 4, 179	6,752 4,316	7, 073 4, 351	6, 952 4, 087	7, 149 4, 377	6, 932 3, 982	6, 286 3, 651	6, 674 3, 664	6, 462 3, 368	° 7,000 3,603	• 7, 231 • 4, 206	7, 463 4, 637
Fuelsmills. of kwhrs Water powermills. of kwhrs By type of producer: Central stationsmills. of kwhrs Street railways, manufacturing plants, etc.		2, 585 6, 328	2, 436 6, 315	2, 722 6, 609	2, 865 6, 513	2, 772 6, 670	2, 950 6, 535	2, 635 5, 922	3, 010 6, 265	3, 094 6, 059	a 3, 396 a 6, 578	a 3, 025 a 6, 792	2, 826 7, 008
mills. of kwhrs Sales of electrical energy: Sales to ultimate consumers, total (<i>N.E.L.A.</i>)mills. of kwhrs Domestic servicemills. of kwhrs Commercial—retailmills. of kwhrs Municipal and street lighting mills. of kwhrs Raflroads: Electrified steammills. of kwhrs Street and interurbanmills. of kwhrs Gross revenue from sales of energy (<i>Electrical</i>		2, 017 175 42 311	437 5, 238 911 1, 055 2, 698 183 41 305	464 5, 326 984 1, 065 2, 653 199 45 331	439 5, 423 1, 076 1, 117 2, 578 207 46 350	479 5, 345 1, 131 1, 125 2, 383 217 50 382	397 5, 373 1, 206 1, 121 2, 343 234 49 361	364 5, 026 1, 074 1, 044 2, 248 211 50 348	409 4, 878 1, 004 984 2, 221 196 55 361	403 4, 988 980 984 2, 423 179 53 318	422 5, 237 969 2, 772 167 55 314	439 5, 603 889 997 3, 159 143 54 304	455 5, 760 867 1, 013 3, 310 150 56 302
World)thous. of dolls Revenues from ultimate consumers (N.E.L.A.)thous. of dolls		152, 020 140, 256	159, 040 145, 976	165, 410 151, 551	169, 730 156, 862	171, 880 157, 561	171, 370 160, 279	158, 620 149, 768	151, 920 142, 487	151, 420 142, 512	149, 950 141, 163	153, 590 143, 368	143, 21 2
GAS Manufactured gas:* Customers, totalthousands House heatingthousands Industrial and commercialthousands Sales, to consumersmillions of cu. ft Domesticmillions of cu. ft House heatingmillions of cu. ft Industrial and commercial		10, 155 9, 616 46 485 25, 608 19, 519 177	10, 203 9, 659 49 488 28, 213 21, 899 219	10, 159 9, 606 58 487 30, 335 22, 990 794	10, 038 9, 484 62 484 30, 186 21, 338 2, 030	10,002 9,445 63 486 31,824 21,641 3,244	9, 907 9, 356 61 482 32, 324 21, 937 3, 424	9, 879 9, 328 62 481 30, 949 20, 714 3, 395	9, 853 9, 305 61 478 30, 655 20, 821 3, 216	9, 824 9, 279 61 476 30, 459 21, 103 2, 576	9, 826 9, 281 58 479 29, 937 21, 481 1, 449	9, 848 9, 313 51 478 28, 483 20, 999 473	9, 891 9, 359 45 481 26, 129 19, 026 221
millions of cu. ft Revenues from sales to consumers thous. of dolls Domesticthous. of dolls House heatingthous. of dolls Industrial and commercial thous. of dolls		5,778 29,687 24,220 163 5,208	5, 949 32, 405 26, 727 198 5, 375	6, 372 34, 011 27, 612 632 5, 650	6, 632 33, 022 25, 596 1, 458 5, 845	6, 737 34, 134 25, 802 2, 213 5, 990	6, 778 34, 288 25, 929 2, 292 5, 945	6, 661 32, 872 24, 608 2, 289 5, 841	6, 438 32, 509 24, 551 2, 166 5, 667	6, 607 32, 435 25, 020 1, 787 5, 516	6, 864 32, 205 25, 422 1, 014 5, 649	6, 886 31, 246 25, 251 370 5, 531	6, 763 28, 825 23, 224 193 5, 321
Natural gas:* totalthousands Domesticthousands Industrial and commercialthousands Sales to consumersmillions of cu. ft Domestic		1	5, 427 4, 980 446 52, 615 8, 509 43, 651	5, 453 4, 996 455 60, 001 13, 541	5, 486 5, 020 464 73, 280 21, 625	5, 499 5, 032 466 88, 716 35, 325	5, 470 5, 003 465 90, 047 40, 477	5, 503 5, 011 491 86, 262 34, 998	5, 470 4, 986 482 80, 289 33, 153	5, 430 4, 955 473 73, 188 28, 182	5, 444 4, 972 470 62, 095 20, 687	5, 391 4, 945 444 56, 339 13, 348	5, 362 4, 916 445 54, 040 9, 168
Revenues, from sales to consumers thous. of dolls		16, 501 8, 823	43, 631 17, 469 9, 243 8, 147	45, 283 20, 720 11, 607 8, 964	50, 558 25, 907 15, 464 10, 245	52, 175 33, 407 21, 784 11, 455	48, 777 35, 709 24, 450 11, 130	50, 337 33, 936 22, 250 11, 487	46, 361 30, 858 20, 201 10, 530	44, 423 27, 322 17, 562 9, 655	40, 640 23, 359 14, 664 8, 604	42, 479 19, 817 11, 253 8, 482	44, 244 17, 403 8, 996 8, 313

Since March 1932 detailed figures are not strictly comparable owing to changes in firms reporting. • New series. For earlier data see p. 19 of the January 1933 issue (pyroxylin products) and p. 19 of the May 1933 issue (gas). • For revised data for year 1932 see pp. 38 and 56 of the May 1933 issue. • Revised

Monthly statistics through December 1931,	1933			1932						1933			
together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
		FOO	DSTU	FFS	AND	това	ссо						
DAIRY PRODUCTS Butter:							1						
Consumption, apparent*thous. of lb Price, N.Y., wholesale (92 score) dolls. per lb	. 21	. 20	141, 715 . 21 127, 386	141, 933 . 21	138, 524 . 23	134, 106 . 24	128,678	122, 655 . 19	129,093	133, 645 . 21	160, 871 . 23	128, 815 . 23	133, 123 . 25
Production (factory)†thous. of lb Receipts, 5 marketsthous. of lb	$166,884 \\ 63,877$	149, 625 52, 082	127, 386 43, 022	121, 819 39, 720	109, 790 40, 714	120, 841 43, 074	127,076 50,828	119, 212 44, 750	129, 379 50, 672	135, 371 48, 072	187, 205 65, 023	200, 712 73, 116	177, 638 64, 057
Stocks, cold storage, creamery, end of month thous. of lb Cheese:	175, 187	107, 259	89, 490	66, 828	37, 207	22, 043	17, 833	11, 580	9, 255	9, 398	35, 159	106, 378	¢ 150, 934
Consumption, apparenttthous, of lb	39,212 3,100	45,079 1,079	44, 885 4, 665	45, 529 6, 300	41, 432 6, 609	41, 194 4, 845	39, 871 3, 070	40, 549 3, 545	43, 817 2, 892	45, 273 3, 891	56, 740 5, 527	40, 835 6, 862	45, 499 3, 440
Importsthous. of lb Price, No. 1 Amer. N.Ydolls. per lb Production (factory)thous. of lb	.14 49,927	. 14 52, 371	.14 48,077	. 13	, 13 39, 293	. 13 37, 716	. 12 31, 387	.11 29,480	. 11 34, 073	36, 281	. 15 56, 116	. 15 64, 359	. 15 57, 813
American whole milk†thous. of lb Receipts, 5 marketsthous. of lb Stocks, cold storage, end of month†	39,651 12,656	34, 796 14, 856	31, 510 12, 771	29, 267 13, 329	23, 601 12, 505	22, 819 11, 405	23, 815 10, 768	22, 124 9, 981	26, 186 12, 725	29, 578 12, 728	43, 422 16, 037	51, 142 13, 989	46, 209 16, 923
American whole milk ⁺ thous. of lb	108,007 94,385	79, 847 66, 721	81, 406 68, 555	78, 274 66, 813	73, 916 62, 392	68, 714 57, 749	63, 321 53, 532	55, 731 46, 992	48, 806 41, 625	43, 626 37, 321	48, 481 41, 336	78, 715 67, 456	• 94, 291 • 82, 771
Milk: Condensed and evaporated:											,	,	,
Production:† Condensed (sweetened)thous. of lb	15, 704	16,346	18,398	19, 452	14, 699	16, 575	15, 178	12, 715	14, 580	15, 947	21, 363	19, 496	14, 805
Evaporated (unsweetened) # thous. of lb	149, 757	158, 780	132, 617	120, 173	106, 184	112, 816	112, 209	104, 658	141, 090	172, 178	203, 685	220, 655	179, 668
Condensed (sweetened) thous. of lb Evaporated (unsweetened) thous. of lb	342 2, 394	542 2,725	570 2, 574	583 2,833	522 2,601	592 3, 036	506 3, 129	526 2, 629	475 2, 893	562 3, 290	482 2, 122	333 3,147	330 3, 305
Prices, wholesale, N.Y.: Condensed (sweetened)dolls. per case	4. 73	4.72	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.70	4.73
Evaporated (unsweetened) dolls. per case	2.70	2. 25	2. 25	2. 25	2. 25	2.56	2. 55	2. 42	2. 03	2. 19	2. 55	2. 60	2. 63
Bulk goodsthous. of lbthous. of lbthous. of lbthous. of lbthous. of lbthous.	10,607 16,428	12, 308 20, 537	10, 541 18, 672	8, 334 16, 302	7, 505 14, 673	7, 427 12, 234	6, 488 9, 524	5, 573 7, 831	5, 453 5, 935	6,076 5,310	8, 455 9, 860	12, 947 14, 996	• 11, 437 • 16, 932
Case goodsthous. of lb	176, 946	190, 912	176, 197	146, 204	139, 957	100, 092	107, 154	101, 085	50, 571	36, 975	48, 127	104, 088	a 131, 980
Fluid milk: Consumption in oleomargarine thous. of lb		9 709	4 054	1 040	4 405	4 790	F 020	2 000	E 041	4 050	4 014	0 779	4 400
Production, Minn. and St. Paul thous. of lb	25, 984	3, 792 22, 381	4,054	4, 646 24, 571	4,485	4, 736 31, 705	5, 039 34, 903	3, 988 32, 457	5, 041 36, 718	4, 858 34, 908	4, 814 37, 821	3, 773 36, 342	4, 426 29, 395
Receipts: Boston, incl. creamthous. of qt		19, 799	18, 354	18, 571	17, 589	17, 725	17,848	16, 364	18, 266	17, 591	19, 409	18,876	19, 235
Greater New Yorkthous. of qt Powdered milk:	·	118, 806	115, 727	113, 877	107, 768	108, 829	109, 567	102, 264	112, 525	109, 550	121,759	118, 690	
Exportsthous. of lb Orders, net, newthous. of lb Stocks, mfgrs. end of mothous. of lb	. 11,437	316 11, 312 24, 918	256 10, 426 21, 785	178 10,089 20,004	291 8, 982 18, 505	225 10, 207 18, 326	183 7, 877 17, 473	179 7,789 16,389	160 9, 556 14, 997	248 10, 251 13, 354	$ \begin{array}{r} 192 \\ 12, 132 \\ 13, 695 \end{array} $	225 12,910 13,040	205 a 11, 237 a 13, 303
FRUITS AND VEGETABLES	10,101	,		20,001	10,000	10,020			1,000	10,001		10,010	10,000
Exports, fruits and preparations. (See For- eign trade.)													
Apples: Production, crop estimatethous. of bu Shipments, car lotcarloads	•149, 408 1, 538	1,641	8,457	23, 459	10,666	140,775 6,030	6, 278	5,875	4, 999	2,830	1,964	1, 083	1, 420
Stocks, cold storage, end of month thous. of bbl.	1,000	1,011	1,974	8,827	9,811	8, 513	6, 703	4, 138	2, 894	1, 567	590	1,000	1, 420
Citrus fruit, car-lot shipmentscarloads Onions, car-lot shipmentscarloads	6, 305 1, 792	5, 948 1, 419	5, 621 3, 610	6, 694 3, 371	11, 022 2, 084	13, 277 1, 657	13, 566 2, 311	12, 287 2, 252	13, 624 2, 431	12, 813 2, 456	$14,047 \\ 2,740$	$12,345 \\ 1,727$	7, 487 1, 145
Potatoes: Price, white, N.Ydolls. per 100 lb Production, crop estimatethous. of bu	2.305		. 913	.910	1.061	1.254	1.258	1.250	1.257	1.290	1. 101	1.417	2. 371
Shipments, car lotcarloads	10, 555	8, 277	12, 738	14, 230	11, 704	11,944	16, 570	16, 359	24, 481	18,005	17, 908	21, 302	11, 834
GRAINS Exports, principal grains, including flour and													
mealthous. of bu Barley: Exports, including maltthous. of bu	2,749	8, 524 995	6, 098 1, 028	8, 176	10,075	5, 715 940	4,826	3, 569 449	4, 172	2,803	3, 176	3, 210	4, 220
Price, no. 2, Minn	. 58	.31	1,028	1, 244 . 29	1, 353 . 31	, 29 1 299, 950	1, 121 . 26	. 25	1, 113 . 30	648 . 40	785	858 . 43	836 . 64
Production, crop estimatethous. of bu Receipts, principal markets *thous. of bu Visible supply, end of monththous. of bu	5, 531 14, 069	6, 037 4, 616	4, 631 6, 625	3, 272 7, 151	2, 724 7, 633	2, 914 8, 242	1, 787 8, 685	1, 203 8, 496	1, 683 8, 320	5, 055 8, 414	8,780 10,809	5, 091 11, 701	6, 280 11, 633
Corn: Exports, including mealthous. of bu Grindingsthous. of bu Prices, wholesale:	•	697 5, 165	312 5, 981	1, 915 5, 856	2, 320 5, 569	699 5, 167	155 5, 758	583 5, 022	371 5, 830	187 7, 117	713 8, 862	453 5, 473	581 6, 511
No. 3, yellow (Kansas City) dolls. per bu No. 3, white (Chicago)dolls. per bu	. 50	.33 .32	. 29 . 30	. 24 . 25	. 24 . 25	. 22 . 23	.23	. 22 . 23	. 26 . 26	. 33 . 36	. 39 . 44	. 40 . 45	. 52
Receipts, principal marketsthous. of bu	. •2,284,799 13,543	14, 300	19, 391	24, 516	12,644	12,875,570 11,552	12,715	12, 641	9, 885	16, 623	26, 464	33, 742	46, 223
Shipments, principal markets thous. of bu Visible supply, end of monththous. of bu Oats:	. 14,659 57,747	5, 280 15, 065	11, 177 19, 545	12, 444 28, 252	9, 318 27, 534	6, 486 30, 724	3, 750 33, 793	3, 602 35, 006	4, 991 36, 120	11, 776 32, 463	16, 718 38, 362	15, 111 49, 187	23, 594 63, 456
Exports, including oatmealthous. of bu Price, no. 3, white (Chicago)dolls. per bu	. 36	1, 218 . 17	531	566 .15	406	525 . 15	237	360 . 15	582 . 17	210	$153 \\ .25$	163 . 30	155 . 39
Production, crop estimatethous. of bu Receipts, principal marketsthous. of bu	. •687, 647 19, 978	22, 446	9, 715	5, 421	3, 189	/1,238,231 3,745	4,352	4, 236	4, 767	8, 191	11,791	12, 159	16, 542
Visible supply, end of month_thous. of bu_ Rice: Exports §pockets 100 lb	44, 746	27, 259 134, 463	29, 042 101, 676	28, 532 163, 347	27, 316	26, 310 211, 802	26, 220 153, 549	25, 434	23, 983 166, 291	22, 228 157, 235	23, 695 69, 816	28, 173 71, 573	34, 598 163, 348
Importspockets 100 lb Price, wholesale, head, clean, New Orleans	30, 368	2, 378	5, 428	6, 287	21, 381	20, 102	31, 872	23, 837	28, 704	21,635	20, 047	16, 913	20, 345
dolls. per lb Production, crop estimatethous. of bu	. 031 • 35, 182	. 020	. 022	. 021	. 020	. 020 / 39, 356	. 019	. 019	.021	. 022	. 026	. 026	. 029

New series. For earlier data see p. 20 of the November 1932 issue (barley) and p. 19 of the June 1933 issue (butter).
Bulk evaporated milk not included since December 1931.
• As of Sept. 1. / As of Dec. 1. • Revised.
† Revised series. For earlier data see p. 19 of the April 1933 issue (American whole milk and total cheese stocks) and p. 20 of the January 1933 issue for year 1931.
For 1932 revisions for butter, factory cheese, American whole milk cheese, condensed and evaporated milk see p. 39 of the September 1932 issue.
§ Data for 1932 revision. For revision see p. 39 of the June 1933 issue.

October 1933

Monthly statistics through December 1931. together with explanatory footnotes and refer-	1933			1932						19	33		
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
	FOO	DSTU	FFS .	AND '	това	.cco-	Conti	nued					
GRAINS—Continued													
Rice-Continued Receipts, southern paddy, at mills													
thous. of bbl. (162 lb.) Shipments to mills, total	171	293	843	1,606	1, 186	706	687	747	821	1,032	628	257	112
thous. of pockets (100 lb.) New Orleansthous. of pockets (100 lb.) Stocks, domestic, end of month	431 87	621 96	694 83	957 90	988 97	834 83	838 67	750 48	1,058 72	1, 102 19	821 54	565 49	554 50
thous. of pockets (100 lb.) Rye:	671	1,040	1, 225	1,915	2, 177	2, 107	2, 013	2, 036	1, 856	1, 833	1,650	1, 381	937
Exports, including flourthous. of bu Price, No. 2, Minneapolisdolls. per bu Production, crop estimatethous. of bu	2 . 72 • 23, 116	. 84	1 .34	29 . 32	1 . 31	2 .31 140,409	0 .33	1 . 32	1 .35	3 . 43	$\begin{array}{c}2\\.52\end{array}$	17 . 62	6 . 83
Receipts, principal markets*thous. of bu Visible supply, end of month* thous. of bu Wheat:	1, 143 11, 998	1, 458 9, 052	991 8, 700	587 8, 485	423 8, 030	610 7, 993	608 7, 934	286 7, 790	546 7, 688	1, 269 8, 006	5, 211 8, 806	2, 573 10, 501	1, 689 11, 273
Exports: Wheat, including flourthous. of bu Wheat onlythous. of bu Value, wheat and flour. (See Foreign Trade.)	1, 700 21	5, 613 3, 899	4, 226 2, 479	4, 422 2, 656	5, 995 3, 714	3, 549 1, 728	3, 313 1, 793	2, 176 729	2, 105 456	1, 754 194	1, 523 14	1, 719 16	1, 391 29
Prices, wholesale: No. 1, Northern, Spring, Minn. dolls. per bu	. 94	. 58	. 58	. 54	. 49	. 48	. 50	. 49	. 53	.63	. 74	. 80	1.08
No. 2, Red, Winter, St. Louis dolls. per bu	. 92	. 53	. 54	. 50	. 47	.46	. 50	. 49	, 55	. 69	.81	. 82	1.01
No. 2, Hard, Winter, K.Cdolls, per bu Weighted average, 6 markets, all grades dolls, per bu Production, crop estimate, total	.90 .92	. 48 . 55	. 48 . 55	.45 .51	. 43 . 49	.42 .46	.44 .48	. 44 . 48	.48 .53	.60 .64	.70 .73	.76 .78	.98 1.00
spring wheatthous. of bu	• 506, 557 • 166, 202					/726,283 /264,604							
Winter wheat	* 340, 355 26, 748	40, 732	38, 410 21, 313	27, 238	17, 584	⁷ 461,679 13,859	12,814	9, 869 7, 481	12,729	15,753	23, 310	28, 598	37, 172
Shipments thous. of bu Stocks, visible supply, worldthous. of bu Canadathous. of bu Canadathous. of buthous. of bu Stocks, held by mills (quarterly)	13, 729 191, 545 149, 732	19, 648 423, 600 108, 522 188, 238	497, 500 179, 122 193, 931	17, 540 528, 700 224, 678 190, 310	23, 464 525, 800 231, 342 177, 025	13, 604 592, 670 233, 592 168, 958	8,375 643,550 228,647 158,228	7,481 620,400 223,439 148,426	10, 246 577, 600 225, 360 136, 724	13, 421 522, 330 215, 204 125, 934	17, 258 475, 380 196, 581 118, 546	15,822 458,610 197,665 124,973	17, 527 459, 660 193, 879 135, 493
Wheat flour:			154, 037			147,095			116,910			131,854	
Consumption (computed) tthous. of bbl Exportsthous. of bbl Grinding of wheatthous. of bu Prices, wholesale:	362 31, 037	^a 9, 634 365 41, 417	• 9, 413 372 43, 015	^a 10, 338 376 42, 880	^a 9, 239 483 39, 841	^a 9, 192 387 38, 007	^a 9, 281 324 36, 949	^a 8, 247 308 33, 133	* 8, 144 351 40, 705	^a 9, 056 332 42, 560	* 9, 942 321 40, 392	* 8, 455 362 39, 487	10, 322 290 • 38, 288
Standard Patents, Minndolls. per bbl Winter, straights, Kansas City	7.14	4.16	4.14	3.92	3.72	3.74	3, 80	3. 71	4.03	4. 54	4.86	5, 38	7.55
Production:	6.05	3. 24	3. 21	3.00	2.84	2.85	3.00	2.75	3.04	3.48	4.03	4.13	6.11
Flour, actual (Census)thous. of bbl Flour, prorated, total (Russell's) † thous. of bbl	6,753	9, 005 « 10, 082	9, 395 • 10, 530	9, 382 • 10, 514	8,719	8, 323 ¢ 9, 328	8,077 ^a 9,055	7, 216 ^a 8, 573	8, 867 • 9, 255	8, 298 • 9, 128	8,777 • 9,963	8, 577	8, 275 9, 375
Offalthous. of lb Operations, percent of total capacity Stocks, total, end of month (computed)	551, 370 40	7 31, 368 53	752,259 60	762, 369 57	691, 984 55	660,411 51	646,950 52	572, 587 50	709, 357 53	745, 950 59	711, 463 54	696, 558 52	680, 822 53
thous. of bbl Held by mills (quarterly)thous. of bbl		5,155	5,900 4,245	• 5,700	° 5,750	5, 500 4, 012	4, 940	4,900	5, 660 3, 718	5,400	5, 100	5, 700 2, 993	4, 463
LIVESTOCK AND MEATS													
Total meats: Consumption, apparentmills. of lb Exports, value of meats and fats. (See For- eign Trade.)	1, 163	1, 002	1, 096	1, 088	1,042	1, 014	1, 061	919	993	1, 030	1, 107	1, 095	a 1,051
Production (inspected slaughter) mills. of lb Stocks, cold storage, end of month total	1, 164	955	1, 038	1, 059	1, 059	1, 172	1, 239	1, 019	1,052	1, 106	1, 240	1, 314	1, 185
mills. of lb Miscellaneous meatsmills. of lb Cattle and beef:	1, 101 73	751 45	637 40	544 37	513 35	620 43	717 47	751 46	749 42	780 45	865 51	1, 049 65	° 1, 146 75
Beef and veal: Consumption, apparentthous. of lb	473, 221 1, 689	364, 867 1, 130	404, 826 1, 018	380, 576 796	357, 250 969	331, 693 943	371, 847 927	343, 6 08 844	373, 610 1, 135	376, 913 1, 561	432, 849 1, 164	434, 366 1, 657	° 423, 174 1, 344
Beef, fresh native steers, Chicago dolls. per lb	. 098	.144	. 143	. 136	. 124	. 113	. 106	. 105	. 097	. 092	.094	.094	. 094
Production, inspected slaughter thous. of lb Stocks, cold storage, end of month	475, 679	360, 441	404, 123	389, 873	361, 405	332, 357	365, 532	338, 763	370, 562	372, 635	430, 356	436, 508	426, 689
Cattle and calves:	48, 482	24, 376	25, 909	36, 036	41, 029	42, 870	39, 550	36, 015	33, 781	30, 658	30, 538	35, 136	° 41, 823
Movement, primary markets: Receiptsthous. of animals Slaughter, localthous. of animals Slaughter, inspected. (See Leather and	1,657 1,068	1, 606 924	1, 689 916	1,896 962	1, 543 847	1, 161 689	1, 318 824	1, 136 725	1, 171 786	1, 296 829	1, 558 1, 006	1, 449 959	1, 456 953
leather products.) Shipments, totalthous. of animals Stocker and feederthous. of animals	603 213	656 280	773 390	866 479	735 377	494 210	471 152	407 129	386 97	456 152	534 193	489 150	460
Price, wholesale, cattle, corn fed, Chicago dolls. per 100 lb Hogs and products:	6. 32	8.73	8.96	8,09	7.00	5.77	5.09	5. 16	5.44	5. 52	6.32	6. 36	6, 50
Hogs: Movement, primary markets: Receipted there of enimely	0.015	0.407	0 -0-	0.00-	0.000	0.10-	0.001	0.000	0.000	0 500	0.775	0.000	
Receiptsthous. of animals Slaughter, localthous. of animals Slaughter, inspected. (See Leather and leather products.)	3, 917 2, 957	2,405 1,658	2, 505 1, 739	2, 691 1, 830	2,775 1,881	3, 121 2, 167	3, 381 2, 396	2, 699 1, 896	2, 638 1, 921	2, 798 2, 084	3, 143 2, 412	3, 361 2, 621	2, 871 2, 136
Shipments, totalthous. of animals Stocker and feederthous. of animals Price, heavy, Chicagodolls. per 100 lb	856 41 3.94	739 21 4. 23	761 21 4.12	855 23 3.64		959 20 3.06	975 29 2.94	803 24 3. 41	715 20 3.92	714 29 3.75	718 38 4. 57	737 46 4.58	736 55 4.56

† Data revised from July 1931. See p. 19 of the August 1933 issue.

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933			19	32					19	33		
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
	FOO	DSTU	JFFS	AND	TOBA	CCO-	—Conti	nued					
LIVESTOCK AND MEATS-Continued						· · · · · ·							
Hogs and products—Continued Pork, including lard:	632,622	579, 170	628, 785	646, 527	631, 229	631, 981	634, 850	523,896	561,356	596, 651	615, 825	605, 893	• 576, 467
Consumption, apparentthous. of lb Exports, totalthous. of lb Lardthous. of lb Prices:	49, 240 35, 714	42, 815 34, 973	53, 500 44, 789	62, 827 53, 573	47, 358 35, 897	59, 558 49, 919	88,713 78,137	65, 761 57, 773	58, 351 47, 661	50, 639 38, 741	56, 154 46, 038	52, 093 37, 941	51, 112 36, 200
Hams, smoked, Chicagodolls. per lb Lard:	. 132	. 141	. 137	. 126	. 118	. 108	. 107	. 108	. 114	.116	. 121	. 128	. 135
Prime contract, N.Ydolls. per lb Refined, Chicago*dolls. per lb Production, inspected slaughter, total	.060 .068	.055 .069	.054 .066	.048 .065	.053 .062	. 046 . 055	.046 .052	.042 .051	.048 .055	.049 .058	.066 .073	.066 .071	. 073 . 074
thous. of ib	631, 418 129, 045	536, 291 102, 679	571, 476 105, 696	607,951 112,063	643, 777 128, 446	789, 467 163, 864	819, 244 175, 438	628, 937 131, 985	623, 747 127, 436	677, 378 139, 066			707, 530
thous. of ID. Fresh and curedthous. of Ib. Lardthous. of Ib.	1 977 341	679, 453 578, 876 100, 577	568, 909 498, 253 70, 656	467, 958 433, 548 34, 410	433, 644 403, 898 29, 766	531, 938 490, 850 41, 088	627, 925 575, 084 52, 841	667, 503 609, 321 58, 182	671,914 610,240 61,674	702, 255 630, 360 71, 895	781, 442 670, 553 110, 889	946, 980 760, 730 186, 250	a1,027,581 808,322 219,259
Sheep and lambs: Lamb and mutton: Consumption, apparentthous. of lb	56,759	58,415	62, 129	60, 447	53, 421	50, 030	54, 482	51,720	57,790	56, 419	58,368	54, 569	∝ 51, 054
Production, inspected slaughter thous. of lb	56,666	58, 713	62, 823	61, 449	53, 366	49, 910	53, 761	51,400	57, 939	56, 397	58,456	54, 556	50, 862
Stocks, cold storage, end of mo. thous. of lb	1, 490	1, 305	1, 983	2, 974	2, 904	2, 767	2, 029	1,683	1, 818	1, 773	1, 843	1, 807	• 1, 594
Movement, primary markets: Receiptsthous. of animals Slaughter, localthous. of animals Slaughter, inspected. (See Leather and	2,752 1,249	2, 919 1, 447	3, 239 1, 330	3, 265 1, 340	2, 203 1, 107	1, 657 919	1, 914 1, 083	1, 795 1, 020	1, 844 1, 099	2,097 1,152	2, 402 1, 319	2, 091 1, 167	2, 226 1, 106
leather products.) Shipments, totalthous. of animals Stocker and feederthous. of animals Drive whole the stocker and feeder	1, 509 347	1, 457 460	1, 892 535	1, 900 803	1, 145 501	749 196	820 108	776 82	747 65	948 107	1, 081 125	912 100	1, 103 108
Prices, wholesale: Ewes, Chicagodolls. per 100 lb Lambs, Chicagodolls. per 100 lb Poultry and eggs:	1.88 6.81	1.88 5.03	1.63 5.03	1.50 5.05	1.56 5.17	1.75 5.38	1.75 5.53	1.75 5.44	1.75 5.38	1.88 5.18	1.88 6.10	2, 16 7, 28	1. 83 7. 20
Eggs: Receipts, 5 marketsthous. of cases Stocks, cold storage, end of month:	951	1,035	853	738	605	618	1,050	988	1, 639	2, 280	2, 502	1, 576	1, 152
Casethous. of casesthous. of cases Frozenthous. of lb	8, 941 102, 488	5, 960 92, 967	4, 895 84, 187	3, 225 74, 314	1, 199 64, 150	159 55, 339	75 46, 448	163 40, 450	1, 833 45, 090	4, 857 62, 944	8,062 85,323	9, 364 103, 019	a 9, 507 a 107, 660
Receipts, 5 marketsthous. of lb Stocks, cold storage, end of mo	23, 966 47, 753	21,751	24, 739	32, 140	73,950	74,866	30, 153	21,975	17,879 67,285	18, 617 45, 824	23, 123 38, 131	24, 086 42, 705	22, 121 • 44, 970
thous. of lb TROPICAL PRODUCTS	41,100	30, 305	36, 683	54,989	91, 118	111, 642	104, 833	88, 675	01,200	10, 324	50, 101	42,100	- 11, 010
Cocoa:	23, 884	7, 989	20, 212	19,642	19, 730	19, 873	25, 181	22, 853	14, 471	20, 324	14, 801	18,097	18, 198
Importslong tons Price spot, Acera, N.Ydolls. per lb_ Shipments, Gold Coast and Nigeria long tons	. 0548 23, 865	. 0475 10, 808	. 0488 9. 481	. 0428	. 0408 34, 486	. 0383	. 0367 51, 234	. 0358 29, 577	. 0370	.0388 17,739	. 0450 18, 028	. 0480	. 0550 17, 832
Coffee: Clearances from Brazil, total. thous. of bags	1, 329	612	798	1, 339	894	962	1, 303	1, 117	1, 245	1, 116	1, 197	1, 366	1, 586
To United Statesthous of bags Imports into United Statesthous of bags Price, Rio no. 7, N.Ydolls. per lb Receipts at ports, Brazilthous of bags Stocks, world total, incl. interior of Brazil	627 1, 128 . 076 1, 565	$301 \\ 601 \\ .085 \\ 814$	385 782 - 094 926	657 923 . 088 1, 155	390 935 . 082 1, 196	403 945 . 084 1, 785	784 911 . 083 1, 315	655 1,083 .085 1,401	678 1, 109 . 082 1, 792	597 922 . 078 1, 588	625 1, 187 . 082 1, 631	716 977 . 076 1, 543	745 865 .076 1,440
Visible supply, total excl. interior of Brazil		(‡)	(‡)	31, 828	31, 612	31, 005	29, 819	28, 956	27, 282	26, 089	24, 233	23, 095	22, 394
thous. of bags United Statesthous. of bags Sugar:	6,634 1,006	5, 152 643	4, 975 596	5, 415 624	5, 287 584	5, 508 562	5, 154 545	5, 296 714	5, 778 703	5, 888 735	5, 754 821	6, 140 735	6, 418 747
Raw sugar: Cuban movement;													
Exportslong tons Receipts at Cuban portslong tons Stocks, total, end of month		291,832 141,147	84, 873 76, 992	114, 282 76, 727	98, 478 64, 693	94, 103 62, 549							
United States:	2, 213	2, 195	2, 038	1, 838	1, 653	1, 535	1, 444	2, 062	2, 911	2, 882	2, 825	2, 637	2, 386
Meltings, 8 ports †long tons Price, wholesale, 96° centrifugal, New	408, 918	352, 650 020	400, 486	280, 791	232, 828	212, 808	215, 768	224, 948	342, 037	345, 677	361, 308	411, 361	358, 713
Yorkdolfs. per lb Receipts: From Hawaii and Pto. Rico_long tons	. 035 99. 100	. 032 141, 275	. 031 107, 743	. 032	. 030 46, 544	. 029 37, 213	. 027	. 028	. 030	. 031 227, 499	.033 185,062	. 034	. 035 176, 296
Imperts §long tons Stocks at refineries, end of mo.†	169, 933	326, 859	220, 721	151, 139	139, 146	136, 805	170, 779	163, 821	258, 951	308, 660	305, 753	261, 516	312, 112
Refined sugar: Exports, including maple §long tons	369, 780 4, 062	393, 734 2, 788	313, 670 2, 526	256, 180 3, 538	193, 899 2, 969	152, 131 2, 616	147, 879 2, 470	200, 163 2, 768	281, 051 3, 325	367, 515 2, 854	426, 714 3, 090	448, 183 3, 625	498, 052 3, 513
Price, retail, gran., N.Ydolls. per lb Price, wholesale, gran., N.Y. dolls. per lb	.052 .046 67,208	.048 .041 75,990	.048 .042 51,423	.049 .041 46,070	.049 .042 77,390	.049 .041 88,569	. 049 . 039 . 83, 876	.047 .038 94,278	. 048 . 041 52, 654	.048 .042 66,774	.049 .044 76,163	.049 .045 62,279	. 054 . 046 59, 718
Shipments, 2 portslong tons Stocks, end of month, 2 portslong tons Tea:	42, 018	38, 011	39, 327	39, 560	66, 431	71, 385	59, 315	65, 767	26, 046	25, 605	32, 826	36, 513	38, 928
Importsthous. of lb Price, wholesale, Formosa, fine, N.Y. dolls. por lb	11, 575 . 175	8, JO4 . 175	9, 405 . 175	9, 353 . 175	10, 364 . 175	9, 817 . 175	9,038 .175	5, 705 . 175	6, 635 . 175	7, 067 . 175	7, 295 . 175	5, 846 . 175	8, 909 . 175
MISCELLANEOUS PRODUCTS													
Candy sales by manufacturers_thous. of dolls Fish: Landings, fresh fish, principal ports	16, 286	14, 076	21, 255	21, 219	20, 613	19, 734	16, 104	15, 506	14, 852	15, 033	15, 561	11, 844	10, 717
salmon, canned, shipments cases		31, 847 1,014,716	31, 265 1,098,118	33, 069 501, 737	18, 653 281, 139	14, 038 395, 267	17, 270 282, 104	22, 325 631, 818	24, 158 516, 749	28, 426 378, 682	30, 297 477, 019	22, 231 301, 645	28,784
Stocks, total, cold storage, 15th of month thous. of lb	44, 850	51, 345	59, 209	63, 167	62, 168	55.749	45, 756	35, 469	25, 855	19, 335	19, 646	25, 711	33, 231

Revised.
New series. Earlier data not published.
For revised data for year 1932 see p. 41 of the May 1933 issue.

Missing data not available.
 Data for 1932 revised. For revisions for full year 1932 see p. 41 of the June 1933 issue.

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933			1932	-					1933			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
	FOO	DSTU	IFFS	AND	това	CCO-	Cont	inued	·			<u> </u>	
товассо													
Leaf: Exports §thous. of lb Imports, unmanufacturedthous. of lb Production, crop estimatethous. of lb	24, 503 1, 666 •1,361,745		42, 419 1, 614	59, 103 2, 247	47, 180 4, 950	31, 842 4, 147 /1,015,512	28, 403 16, 392	25, 796 7, 397	36, 725 9, 910	38, 713 4, 285	20, 251 2, 669	18, 523 1, 502	30, 621 1, 880
Stocks, total, including imported types (quarterly)mills. of lb			2, 095 1, 606			2, 145 1, 679			2, 278 1, 785			2, 098 1, 599	
mills. of lb_ Cigar typesmills. of lb_ Manufactured products: Consumption (tax-paid withdrawals):			403			383			389			399	
Consumption (tax-paid withdrawals): Small cigarettes	11, 189 434, 821	9, 559 401, 143	9, 311 405, 419	8, 351 436, 832	7, 614 419, 173	7, 319 254, 135	8, 622 296, 640	7, 854 287, 430	7, 974 290, 111	7, 973 321, 207	12, 823 371, 373	12, 463 418, 570	9, 52(400, 511
thous. of lb	32, 942 171, 439	31, 303 204, 493	31, 693 227, 354	28,847 159,743	$28,000 \\ 146,081$	24, 116 216, 297	27, 786 207, 980	24, 446 146, 038	27, 456 238, 126	28, 847 131, 016	31,838 197,603	32,358 142,109	28, 782 207, 360
Prices, wholesale: Cigarettesdolls. per 1,000 Cigarsdolls. per 1,000	4. 851 46. 062	6. 042 49. 135	6. 042 48. 685	6.042 48.685	6. 042 48. 685	$\begin{array}{c} 6.\ 042 \\ 48.\ 685 \end{array}$	5. 292 48. 685	4. 961 46. 062	$\begin{array}{c} 4.851 \\ 46.062 \end{array}$	4, 851 46, 062	$\begin{array}{c}4.851\\46.062\end{array}$	4.851 46.062	$4.851 \\ 46.061$
		FUI	ELS A	ND H	BYPR	ODUC	TS		·	<u> </u>	<u> </u>	·	
COAL													
Anthracite: Exportsthous. of long tons Prices: Retail, composite, chestnut	99	82	112	112	92	89	67	80	60	38	31	83	10
dolls. per short ton Wholesale, composite, chestnut #	12.65	13.28	13. 52	13. 58	13.60	13.65	13.61	13. 53	13.48	13.00	12.25	12.00	12.20
dolls. per short ton. Productionthous. of short tons Shipmentsthous. of short tons	3,942	10.5413,4653,0502,250	$10.774 \\ 4,108 \\ 3,664 \\ 2,263$	10. 909 5, 234 4, 758 2, 261	$10.932 \\ 4,271 \\ 3,881 \\ 2,164$	10. 921 5, 089 4, 512 1, 732	12. 228 3, 807 3, 326 1, 236	12. 228 4, 275 3, 782 792	10. 874 4, 519 3, 866 511	10.095 2,891 2,461 457	9. 616 2, 967 2, 508 435	9.341 3,928 3,512 533	4 9. 542 3, 677 3, 212 730
Stocks, in storagethous. of short tons Stocks, in yards of dealers, end of month no. of days' supply Bituminous:			2, 200 60	42		34	46		32	42		53	
Consumption: Coke plantsthous. of short tons Electric power plants † thous. of short tons	4, 346	2, 190 2, 517	2, 303 2, 55 8	2, 618 2, 610	2, 658 2, 480	2 , 729 2, 678	2, 708 2, 492	2, 502 2, 294	2, 554 2, 305	2, 469 2, 074	2,854 • 2,196	3, 329 • 2, 481	4, 16 2, 78
Railroadsthous. of short tons Vessels, bunkerthous. of long tons Exportsthous. of long tons	117 953	4, 057 109 858	4, 375 100 833	5, 096 98 1, 012	2, 400 4, 769 93 948	2,078 5,080 83 453	4, 682 59 337	4, 492 63 311	4,481 58 287	4, 248 65 435	4,354 103 722	4, 357 106 806	4,65 11 98
Price, retail composite, 38 cities dolls. per short ton	1	7.52	7.54	7.60	7. 59	7.51	7.46	7.45	7.43	7.37	7.17	7.18	7.6
Prices, wholesale: Composite, mine run_dolls. per short ton Prepared sizes (composite)	3, 690	3.617	3. 596	3.613	3. 597	3. 582	3. 566	3. 555	3.549	3, 503	3, 497	3.500	• 3. 571
dolls. per short ton Productionthous. of short tons Stocks, consumers, end of month		3. 554 22, 489	3. 568 26, 314	3. 643 32, 677	3, 657 30, 632	3. 642 31, 110	3. 614 27, 060	3. 598 27, 134	3. 581 23, 685 • 23, 843	3. 416 19, 523	3. 416 22, 488	3. 400 25, 320 23, 250	3, 541 29, 481
thous. of short tons COKE			27, 504	30, 038		29,666	29,046		• 23, 043	22, 486		23, 230	
Exportsthous. of long tons	73	87	60	63	51	27	21	22	23	14	46	56	6
Price, furnace, Connellsville dolls. per short ton	1	2.03	2.08	2.05	1.91	1.88	1.88	1. 81	1.75	1.75	1.75	1.84	2.5
Beehivethous. of short tons Byproductthous. of short tons Petroleumthous. of short tons	71 2, 923	41 1,474 150	46 1, 544 150	68 1, 739 155	81 1,752 147	96 1,786 150	82 1, 785 95	84 1,639 107	93 1, 666 147	47 1,656 138	47 1, 921 145	50 2, 241 154	6 2, 79 15
Stocks, end of month: Byproduct plantsthous. of short tons Petroleum, refinerythous. of short tons	2, 915	4, 221 1, 515	4, 223 1, 484	4, 028 1, 434	3, 857 1, 393	3, 515 1, 330	3, 308 1, 236	2, 831 1, 172	2, 703 1, 149	2, 847 1, 149	2, 975 1, 176	2, 947 1, 185	2, 84 1, 14
PETROLEUM AND PRODUCTS													
Crude petroleum: Consumption (run to stills)thous. of bbl Importsthous. of bbl Price, Kansas-Oklahomadolls. per bbl Productionthous. of bbl	. 505	$ \begin{array}{r} 67,271 \\ 1,862 \\ .860 \\ 66,220 \\ 21 \end{array} $	63, 913 1, 893 . 860 65, 036	66, 698 2, 455 . 860 65, 219	65, 504 1, 963 . 860 63, 384	65, 998 2, 746 . 745 58, 044	66, 093 2, 831 . 530 63, 998	61,042 2,369 .380 61,029	67, 984 3, 803 . 380 75, 302	65, 313	74, 340 2, 206 .276 84, 747	74, 619 2, 143 . 315 82, 841	79, 52 3, 41 . 46 84, 38
Refinery operationspct. of capacity Stocks, end of month: California: Heavy crude and fuel oil_thous. of bbl		Į	60 95, 048	61 95, 457	61 95, 322	95, 933	60 95, 765	63 95, 590	63 94, 554	67 95, 349	69 95, 322	95, 367	95, 33
Light erudethous. of bbl. East of California, totalthous. of bbl. Refineriesthous. of bbl. Tank farms and pipe lines.thous. of bbl. Wells completednumber.		309, 011 43, 287	40, 367 307, 523 40, 507 267, 016 913	39, 996 305, 709 39, 329 266, 380 825	$\begin{array}{r} 40,264\\ 301,331\\ 47,568\\ 253,763\\ 855\end{array}$	$\begin{array}{r} 39,340\\ 293,278\\ 47,902\\ 245,376\\ 793\end{array}$	39, 297 290, 404 47, 100 243, 304 639	39, 968 289, 342 46, 797 242, 545 485	39,909 295,349 48,889 246,460 486	39, 516 289, 933 48, 997 240, 936 472	$\begin{array}{c} 38,722\\297,166\\50,839\\246,327\\444\end{array}$	$\begin{array}{c} 37,537\\ 303,260\\ 50,220\\ 253,040\\ 372 \end{array}$	36, 62 306, 96 48, 30 258, 66 54
Mexico: Exportsthous. of bbl_ Productionthous. of bbl_	1	1, 143 1, 577 2, 463	1, 403 2, 514	1, 776 2, 570	1, 595 2, 641	1, 372 2, 961	1, 509 2, 890	1, 290 2, 547	1, 398 2, 825	1,940 3,008	1, 867 2, 886	2,805	° 2, 95
Venezuela: Exportsthous. of bbl. Productionthous. of bbl. Refined products: Gas and fuel oils:	1	8, 124 9, 430	8, 087 8, 803	7, 794 9, 171	8, 377 8, 767	9, 104 9, 309	9, 582 9, 699	8, 661 8, 834	10, 076 9, 945	9, 340 9, 058	9, 624 9, 133	8, 222 9, 262	9,63 10,05
Consumption: Electric power plantstthous. of bbl. Railroadsthous. of bbl. Vessels, bunkerthous. of bbl.		755 2, 703 3, 066	780 2, 898 3, 350	731 3, 345 2, 916	625 3, 019 2, 763	703 3, 077 2, 751	649 2, 882 2, 702	580 2, 699 2, 779	674 2, 785 2, 813	652 2, 809 2, 826	a 727 2, 948 2, 726	a 897 2, 926 3, 179	1,02 2,89 ¤ 2,89
Price, fuel oil, Oklahoma, 24-26 refineries dolls. per bbl.	. 444	. 415		. 470				. 425	. 363	. 331	. 325	. 356	. 41
# Price converted to short-tonRevised.	basis.		† For r § Data	evised da for 1932 r	ta for yea evised 1	r 1932, see For revisio	p. 42 of tons for full	he May 1 year of 19	933 issue. 32 see p. 4	2 of the Ju	ine 1933 iss	sue	

Price converte
Revised.
As of Aug. 1.
/ As of Dec. 1.

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SURVEY OF CURRENT BUSINESS

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933			1932						1933			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
	FU	JELS	AND	BYPI	RODU	CTS-	-Contin	nued					
PETROLEUM AND PRODUCTS-Con.													
Refined products-Continued Gas and fuel oil-Continued													
Production: Residual fuel oil*thous. of bbl Gas oil and distillate fuels*	}	1	17,403	17, 113	18,068	18, 491	18, 578	17, 156	19, 246	19, 145	20,010	20, 556	21, 57
thous. of bbl Stocks: Residual fuel oil, east of California*		5, 519	5,665	6, 382	5, 582	5, 980	6, 885	6, 451	6, 845	5, 751	6, 108	6, 271	7,29
thous. of bbl Gas oil and distillate fuels, total* thous. of bbl	i	26, 829 16, 971	26,000	23, 494	21,874	19,928	18, 911	18,069	17,714	17, 230	17,763	17,374	17,94
Gasoline:		35, 207	17,905 33,645	18, 495 32, 255	16, 775 30, 294	14, 110 27, 191	12, 683 26, 442	11, 549 23, 312	11, 557 28, 227	11, 390 30, 176	12, 890 33, 999	14, 980 37, 710	17, 7(34, 45
Exports	1, 550	2, 260	2, 569	2, 213	2, 356	1, 830	2, 251	1, 729	1, 829	3, 024	1,955	2, 154	3, 01
Drums, delivered, N.Y., dolls. per gal. Refinery, Oklahoma, dolls. per gal. Price, retail, service station, 50 cities		.139 .050	. 150 . 046	.144 .047	.153 .046	. 151 . 037	.135 .028	.135 .026	$.135 \\ .026$. 143 . 023	. 145 . 026	. 149 . 037	, 10 , 04
Production: dolls. per gal.		. 137 2, 819	. 125	.130	. 130	. 125	.116	. 115	.116	.116	. 108	.131	
At natural gas plantsthous. of bbl At refineriesthous. of bbl Retail distribution (41 States) †	-		2, 793 30, 908	2, 924 33, 212	2, 855 32, 072	2, 888 31, 254	2, 876 30, 508	2, 543 27, 676	2,771 31,577	2, 674 31, 921	2,776 34,611	2, 669 35, 428	2, 70 36, 51
mills. of gal	1	1,057	997	975	858	801	768	690	810	884	a 969	1,074	
At natural gas plantsthous. of bbl At refineriesthous. of bbl Kerosene:		616 36, 700	586 32, 806	576 32, 207	478 32, 720	449 35, 404	539 37, 691	651 35, 652	752 36, 882	814 35, 881	926 33,757	873 30, 582	95 30, 14
Consumptionthous. of bbl. Exportsthous. of bbl. Price, 150° water white, refinery, Pa.	620	2, 279 998	2, 581 1, 081	3, 115 944	3, 621 970	3 , 149 630	3, 656 872	3, 274 615	2, 975 629	2, 925 691	3, 005 598	3, 115 349	2, 04 84
dolls. per gal. Productionthous. of bbl. Stocks, end of monththous. of bbl.	.044	. 049 3, 497	.048	.048	.048 3,801	.048	.049 4,363	.048 3,691	.048 3,877	.047 4,046	.045 4,146	.044 4,126	.04 4,27
Lubricating oil:		6, 247 951	6, 018 932	5, 465 1, 143	4,672	4,974	4, 794 859	4, 574	4,827	5, 230 1, 390	5,761 1,624	6, 404 1, 646	7,78 1,63
Consumption thous. of bbl. Price, cylinder oil, refinery, Pa. dolls. per gal. Production thous. of bbl.	- 179	.177	.159	. 108	. 131	.133 1,625	. 133	. 119	. 113 1, 794	. 116	. 134	. 149	.16
Stocks, refinery, end of month thous. of bbl.	1	7,965	8, 182	8, 289	1, 644 8, 245	8, 375	1, 827 8, 796	1,621 8,812	8,712	1, 871 8, 330	2, 114 8, 167	1, 846 7, 734	1, 96 7, 19
Other products: Asphalt: Importsthous. of short tons	_ 2	1	1	1	1	1	3	0	3	0	2	1	
Productionthous. of short tons Stocks, refinery, end of month thous. of short tons		. 232 298	239 292	229 248	177 280	141 276	102 272	95 294	124 304	152 306	229 298	247 288	26 27
Coke. (See Coke.) Wax:													
Productionthous. of lb Stocks, refinery, end of month thous. of lb		38, 920 206, 461	36, 680 200, 581	31, 360 188, 637	33, 320 180, 441	35, 000 163, 628	36, 680 160, 240	28, 000 147, 849	36, 400 136, 785	37, 800 124, 927	40, 600 124, 770	38, 640 112, 614	36, 12 98, 53
	1	LE.	ATHE	R AN	D PR		C TS	I	·	<u> </u>	1	1	
HIDES AND SKINS	1						i		}				
Imports, total hides and skins§. thous. of lb Calf and kip skinsthous. of lb	50, 828 5, 492	8, 617 2, 691	8, 545 3, 337	16,700 2,829	21,777 3,099	18, 046 2, 350	14, 728 2, 591	12, 916 1, 987	14, 256 1, 816	17, 516 3, 445	29, 292 4, 606	38, 996 6, 353	50, 10 6, 50
Cattle hidesthous. of lb Goatskinsthous. of lb Sheep and lamb skinsthous. of lb Livestock, inspected slaughter:	26 374	1,238 2,009	985 2, 106	6, 871 4, 183	6, 636 3, 677	4,776 5,303	3, 288 4, 795	2, 545 4, 266	3, 127 5, 454	4,463 6,222	10, 432 3, 759	14,887 7,184	24, 83 8, 57
Calvesthous. of animals	. 416	1,625 362	1, 011 366	1,464 389	5, 585 376	3, 653 327	2, 127 345	2, 688 317	2, 090 398	1, 150 426	5, 909 476	7, 412 441	7,75 40
Cattlethous. of animals Hogsthous. of animals Sheepthous. of animals	3,477	633 1, 579 2, 970	718 3, 252 1, 667	694 3,605 1,601	$ \begin{array}{r} 627 \\ 3,778 \\ 1,388 \end{array} $	567 4,584 1,264	612 4,700 1,332	569 3, 647 1, 250	617 3,602 1,413	616 3, 847 1, 409	717 4, 286 1, 505	$\begin{array}{c} 751 \\ 4,626 \\ 1,490 \end{array}$	75 3, 91 1, 39
Prices, wholesale: Packers, heavy native steers, Chicago dolls. per lb	. 150	. 066	.081	.073	. 065	. 055	. 054	.043	. 052	. 062	. 098	. 122	. 13
Calfskins, No. 1 country, Chicago dolls, per lb LEATHER	. 190	. 063	. 076	.082	.068	. 061	.066	.061	. 066	. 076	. 121	. 153	
Exports: Sole leatherthous. of lbthous. of sq. ftthous.	4, 917	155 4, 715	137 6,162	130 5, 807	222 5,748	137 5, 276	134 4, 484	86 5, 071	162 6,005	168 4, 541	123 5, 192	88 4, 876	17 6, 46
Production: Call and kip* thous, of skips		1.232	1, 180 1, 272	1, 126 1, 325	946	894	839	871	920	822	1,051	1, 384	1, 39
Cattle hides*thous. of hides. Goat and kid*thous. of skins. Sheep and lamb*thous. of skins. Prices, wholesale:		1, 082 3, 379 2, 170	1, 272 2, 571 2, 907	1, 325 2, 651 4, 002	1, 330 2, 835 3, 212	1, 311 3, 205 1, 797	1, 276 3, 431 1, 897	1, 233 3, 320 2, 163	1, 303 3, 451 2, 123	1, 175 2, 770 1, 847	1,406 3,120 3,305	$\begin{array}{c} 1,489\\ 3,925\\ 3,997\end{array}$	$1, 41 \\ 4, 13 \\ 4, 22$
Sole, oak, scoured backs (Boston) dolls. per lb Upper, composite, chrome, calf, black, "B" gradedolls. per sq. ft		. 27 . 243	. 28	. 29	. 28	. 26	. 25	. 23	. 23	.23	. 29	.34	• 3
LEATHER MANUFACTURES	0.010		• 400	. 202	. 200	. 276	. 200	. 200	. 200	. 241	. 281	. 314	. 33
Gloves and mittens: Production (cut), totaldozen pairs Dress and streetdozen pairs		1 77,989	223, 879 104, 471	294, 668 132, 222	269, 609 128, 020	181, 693 70, 608	142, 476 53, 152	152, 378 72, 106	166, 375 83, 188	190, 893 101, 987	251,036 121,494	297, 697 150, 455	294, 48 142, 50
Workdozen pairsdozen pairs		78, 132	119, 408	162, 446	141, 589	111, 085	89, 324	80, 272	83, 187		89, 382	147, 242	142, 30

Revised.
New series. For earlier data see p. 20 of the February 1933 issue (gas and fuel oil) and p. 19 of the June 1933 issue (leather).
For revised figures for year 1932 see p. 43 of the May 1933 issue.
Data revised for 1932. For revisions for full year 1932, see p. 43 of the June 1933 issue.

October 1933

fonthly statistics through December 1931, together with explanatory footnotes and refer-	1933			1932						1933		.	
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
	LE	ATHE	R AN	D PR	ODU	CTS	Contin	ued					
LEATHER MANUFACTUBES-Contd.													
hoes: Exportsthous. of pairs Prices, wholesale:	. 80	76	58	67	74	70	35	41	71	71	57	63	5
Manda blook oolf blueber	5, 35	5, 75	5.75	5.75	5. 50	5. 50	5. 50	5. 50	5. 50	5. 50	5. 50	5. 50	5. 1
Men's black call oxford, lace, St. Louis	4.23	3, 85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	4. (
Production, totalthous. of pairs	₽ 37, 560	3, 35 30, 785 6, 822	3, 35 33, 885 7, 886	3, 35 33, 070 8, 044	3.35 25,149 6,917	3.30 20,096 5,397	$3.25 \\ 22,717 \\ 5,763$	3. 25 26, 384 6, 092	3. 25 28, 576 6, 837	3. 25 27, 630 6, 217	3. 27 32, 965 8, 362	3.35 •34,861 •9,040	3. 4 • 33, 66 8, 33
Boys' and youths'thous. of pairs Women'sthous. of pairs Misses' and children'sthous. of pairs		1,613 13,670 2,598	1,846 13,644 3,023	1,997 11,213 3,020	1,810 5,470 2,284	1, 513 5, 938 1, 976	1,442 9,283 2,482	1,448 11,360 2,879	1, 532 11, 608 3, 081	1,607 10,726 2,985	1,683 11,950 3,248	1,932 a 12,061 3,226	1, 99 12, 59 3, 05
Slippers, all typesthous. of pairs All other footwearthous. of pairs		2, 558 3, 426 2, 656	3, 023 4, 688 2, 798	5, 929 2, 867	6, 405 2, 263	3, 255 2, 017	1, 368 2, 378	1,852 2,752	2, 399 3, 119	2, 985 2, 583 3, 512	3, 525 4, 197	a 4, 340 a 4, 262	3, 0 4, 4 3, 2
]	LUMB	ER A	ND N	IANU	FACI	URES	; \$	<u> </u>	I	<u>.</u>	·	<u>.</u>
LUMBER													
etail movement:M ft.b.mM ft.b.mM	78, 192	55, 163	65, 267	79, 639	62, 637	68, 322	70, 582	49, 626	67, 719	75, 185	89, 304	94, 525	95, 23
Retail yards, Ninth Fed. Res. Dist.: SalesM (t.b.mM (t.b.mM tt.b.mM tt.b.m	6, 904 64, 344	6, 703 63, 216	6, 484 60, 992	6, 730 58, 329	4, 808 55, 911	1, 916 54, 295	1, 685 54, 292	1, 237 54, 949	1, 952 56, 253	3, 678 57, 227	5, 430 58, 122	7, 515 60, 199	a 6, 68 62, 34
Retail yards, Tenth Fed. Res. Dist.: SalesM ft.b.m Stocks, end of monthM ft.b.m		2, 319 30, 247	2, 429 29, 294	2, 411 28, 683	1, 785 28, 324	1, 281 28, 105	1, 615 27, 371	1, 530 27, 214	1, 662 27, 031	2, 026 28, 029	2, 506 28, 059	2, 534 28, 365	2, 32 29, 03
Flooring													
Maple, beech, and birch: Orders: Note:	2,643	2, 893	3, 179	1,920	1.390	1, 588	1, 155	1, 083	1, 501	9.459	3,942	5, 195	3, 48
NewM ft.b.mM ft.b	5, 388 4, 252	4,022 1,067	$5,102 \\ 1,545$	4,793 1,718	3, 968 1, 624	4, 269 1, 736	3,432 1,359	3, 206 784	3,420 736	2,452 3,899 1,078	5,141 1,650	5, 535 2, 832	4,99
Shipments	3, 386 17, 171	2, 816 20, 212	2, 402 19, 145	2, 031 19, 025	1, 902 19, 119	1, 590 19, 413	1, 496 19, 261	1, 318 18, 712	1, 246 18, 483	2, 097 17, 238	2, 715 16, 129	4, 384 14, 590	4, 32 14, 22
Orders: NewM ft.b.m Unfilled, end of monthM ft.b.m	$12,858 \\ 14,567$	16, 508 12, 599	13, 506 13, 359	10, 371 14, 259	4, 241 12, 945	3, 238 11, 766	4, 164 11, 556	9, 369 14, 636	7, 616 15, 095	9,654 15,568	22, 645 22, 418	13, 499 17, 581	9, 44 13, 92
Production	18.446	11,008 11,626	11,087 11,739	10, 574 10, 657	8,136 5,918	5, 926 4, 327	5, 501 4, 433	5, 784 6, 074	4,959 7,573	7,553 9,479	12,464	15,888 17,723	17, 69 13, 67
Stocks, and of month	60, 946	53, 067	53, 729	50, 418	53, 138	54, 752	55, 200	55, 171	52, 130	50, 190	48,073	37, 176	42, 80
lardwoods (Southern and Appalachian dis- triets):													
Total: Orders: New mill.ft.b.m		114	154	113	101	68	79	90	98	146	(1)	233	
New	i	$265 \\ 59 \\ 102$	275 68 135	256 68 128	246 68 105	252 49 75	238 60 86	230 60 86	$226 \\ 64 \\ 98$	247 71 120		264 135 229	
Shipments		2, 498 2, 234	2, 417 2, 141	2, 323 2, 066	2, 260 2, 015	2, 217 1, 965	2, 166 1, 928	2, 118 1, 888	2, 058 1, 832	1, 982 1, 735	(1) (1)	$1, \overline{826}$ 1, 562	
Gum: Orders, unfilled, end of month mill.ft.b.m		73	75	65	65	65	52	51	52	59	(1) (1)	68	
Stocks, total, end of monthmill.ft.b.m Unsold stocksmill.ft.b.m Oak:		538 466	523 448	481 416	460 395	451 386	440 388	425 374	411 358	392 332	(1)	356 288	
Orders, unfilled, end of month mill.ft.b.m Stocks, total, end of monthmill.ft.b.m		76 661	76 634	69 624	61 608	53 600	71 614	73 594	67 584	69 563	(1) (1)	85 538	
Unsold stocksmill.ft.b.m		585 1, 538	559 933	554 526	547 1,063	547 1, 396	543 4, 519	521 6, 647	517 7, 432	494 4, 914	(1) 3, 523	453 5, 553	7, 38
Shipments		7, 138	11, 536	10, 968	8, 729	6, 523	9, 351	8, 892	8, 941	14, 372	16, 353	26, 690	26, 28
ir, Douglas: Exports:§	04 022	10.070	01.005	04 600	10,005	09 906	95 700	15 970	04 070	01 771	25 705	20 147	20.00
Lumber	16,408	18, 276 18, 172	21, 035 14, 453	24, 809 23, 647	19, 085 22, 178	23, 326 24, 588	25, 720 17, 720	15, 379 17, 865	24, 878 34, 425	31, 771 28, 132	35, 795 24, 478	39, 447 15, 681	32, 96 23, 30
New¶M ft.b.m Unfilled, end of monthM ft.b.m Prices, wholesale:		116, 836 81, 024	153, 543 119, 074	112, 360 76, 100	94, 901 81, 920	106, 093 85, 053	105, 645 120, 865	97, 140 109, 674	141, 457 107, 883	134, 294 120, 417	229, 196 195, 175	247, 549 203, 680	154, 43 218, 90
No. 1 commondolls. per M ft.b.m Flooring, 1 x 4, "B" and better	16. 99 32, 62	8.66 20.02	8, 96 20, 60	8.93 21,22	8. 93 20, 80	8, 97 20, 68	8, 58 20, 61	9.50 21.58	10. 67 21. 30	11. 02 21. 34	11, 34 22, 42	13, 36 24, 59	16, 20 30, 81
dolls. per M ft.b.m Production¶M ft.b.m Shipments¶M ft.b.m	188, 460	89, 977 105, 645	96, 244 111, 464	113, 255 128, 923	94, 454 105, 645	81, 920 82, 815	93, 558 96, 244	97, 587 104, 302	105, 645 119, 970	115, 046 140, 114	137, 428 149, 962	175, 030 197, 860	196, 07 184, 87
emlock, northern: ProductionM ft.b.m ShipmentsM ft.b.m		1, 302 5, 507	976 7, 097	2, 433 7, 061	1, 598 4, 314	1, 458 1, 843	2, 088 2, 868	2, 305 3, 109	2, 443 5, 176	1, 747 7, 555	2, 354 11, 440	4, 161 14, 447	2, 77 14, 64
ine, northern: Orders, newM ft.b.mM ft.b.mM ft.b.mM	9, 323 16, 270	7, 605 3, 809	6, 824 2, 628	8, 792 3, 336	6, 139 1, 296	4, 643 0	4, 218 0	4, 954 0	5, 050 0	$9,352 \\ 1,246$	13,011 7,035	14,942	13, 599 15, 333
ShipmentsM tf.b.m. ¶ Data for July, October, December 1932, M	12,829	6,657	6, 482	9, 783	6,298	5,403	4,126	4, 379	4, 966	8, 317			14, 73
 New series. See p. 20 of November 1932 i Revised. Data revised for 1932. For revisions for f 	ssue for ea	rlier data	•										
 Preliminary. ¹ Data not computed for May 1933. 		, u ooc µ.	-1 01 010 0	1990									

SURVEY OF CURRENT BUSINESS

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933			1932						1933			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
]	LUMB	ER A	ND N	1ANU	FACI	URES	SCon	tinued		<u>.</u>			
LUMBEE-Continued													1
Softwoods-Continued													1
Pine, southern: Exports: Lumber §M ft.b.m	23, 843	19, 224	21, 460	24, 781	20, 109	24, 454	20, 876	18, 232	17, 300	21,427	24, 979	21, 188	29, 53
Timber §M ft.b.m Orders:	8, 353	3, 695	5, 621	6,902	2, 278	6, 787	5, 254	5,024	7,684	4,831	7, 582	4, 560	9,01
New Mft.b.m. Unfilled, end of month Mft.b.m. Price, flooring dolls. per M ft.b.m. Production Mft.b.m. Shipments Mft.b.m.	117,53570,74531.85132,539128,700	149, 149 79, 847 17, 05 91, 241 125, 056	134, 018 81, 645 17, 86 80, 181 127, 280	144, 316 74, 958 17, 75 113, 467 154, 329	90, 589 50, 184 18, 33 99, 470 107, 000	67, 529 44, 014 17, 37 75, 161 73, 690	95, 685 57, 377 17, 80 85, 494 84, 271	75, 575 55, 419 17, 06 77, 798 81, 071	113, 044 63, 838 17, 44 87, 401 100, 714	112,854 67,414 17,55 88,752 110,019	179, 843 92, 049 18, 56 115, 783 154, 498	$158,833 \\88,255 \\22.70 \\120,613 \\159,210$	$120, 353 \\81, 033 \\28, 53 \\125, 933 \\131, 640$
Redwood, California: Orders:	120,100			101,020	101,000	10,000	0., 2., 2	01,011	100,111	110,010	101, 100	100, 210	101, 01
New M ft.b.m. Unfilled M ft.b.m. Production M ft.b.m. Shipments M ft.b.m.	24,017 30,511 15,390 30,818	13, 990 19, 943 11, 023 12, 862	15, 866 23, 247 10, 829 11, 921	15, 415 22, 798 11, 101 15, 636	12, 708 21, 886 12, 253 13, 451	13, 630 24, 460 12, 603 10, 989	12, 151 18, 824 14, 319 13, 581	11, 973 18, 302 14, 603 12, 269	13, 744 17, 493 12, 147 14, 207	17, 965 19, 113 9, 804 15, 731	29, 834 30, 117 7, 490 18, 249	37, 572 39, 309 7, 013 27, 838	30, 640 37, 700 9, 493 31, 843
FURNITURE	30, 313	12,002	1,021	10,000	10, 101	10,000	10,001		11,201	10,701	10,210	21,000	01,01
Household:												a	
All districts: Plant operations *percent of normal Grand Rapids district:		26. 0	39.0	44. 0	43. 0	39.0	33. 0	27.0	18.0	27.0	37.0	42.0	52.
Orders: Canceledpercent of new orders Newno. of days' production Unfilled, end of	· · · · · · · · · · · · · · · ·	6.5 10	7.5 14	9.0 11	13. 0 8	18. 0 5	7.0 9	7.0 6	13. 0 6	7.0 7	8.0 8	7 3.5 11	3. (1.
monthno. of days' production Outstanding accounts, end of		10	11	9	7	6	7	5	5	5	7	11	11
monthno. of days' sales Plant operations tpercent of normal Shipmentsno. of days' production Southeastern district:		21 22. 0 9	$\begin{array}{r}27\\31.0\\12\end{array}$	$27 \\ 34.0 \\ 12$	25 33. 0 9	25 33.0 6	24 22. 5 6	20 19. 0 7	19 10.0 5	$\begin{array}{r}19\\14.0\\6\end{array}$	$\begin{smallmatrix}&18\\24.0\\6\end{smallmatrix}$	$\begin{smallmatrix}&18\\25.0\\&6\end{smallmatrix}$	21 34. (1(
Orders, unfilled, end of monthdolls., average per firm Shipmentsdolls., average per firm		23, 799 36, 325	26, 788 40, 252	22, 407 43, 665	11, 042 32, 549	9, 290 16, 277	20, 448 25, 975	15, 286 33, 660	14, 298 30, 388	$17.259 \\ 35,962$	 		
Prices, wholesale: Beds. 1926=100. Dining-room chairs, set of 61926=100. Kitchen cabinets	73. 2 91. 0 85. 6 76. 7	64. 4 89. 5 78. 4 69. 8	64. 4 89. 5 91. 4 69. 8	64. 4 89. 5 91. 4 69. 8	63. 9 89. 5 91. 4 69. 8	63. 9 89. 5 91. 4 69. 8	62. 1 89. 5 87. 5 73. 6	62. 1 89. 5 87. 5 73. 6	62. 1 89. 5 74. 1 73. 6	62. 1 89. 5 74. 1 73. 6	62. 1 89. 5 74. 1 73. 6	$\begin{array}{c} 63.\ 6\\ 89.\ 5\\ 74.\ 1\\ 76.\ 7\end{array}$	$\begin{array}{c} 66.1\\ 89.4\\ 74.1\\ 76.7\end{array}$

METALS AND MANUFACTURES

	~		~										
IRON AND STEEL											1		1
Foreign trade, iron and steel: Exports §long tons Imports *long tons Price, iron and steel	119, 374 46, 839	32, 955 23, 623	36, 038 29, 241	41, 226 33, 706	56, 023 34, 924	54, 139 29, 390	56, 720 21, 892	63, 936 19, 748	80, 567 22, 114	100, 395 28, 061	123, 169 26, 295	102, 581 34, 368	88, 311 52, 805
compositedolls. per long ton Sales, iron, steel, and heavy hardware January 1921 ≈ 100	30. 04	29. 33 80	29. 32 81	29. 32 86	29. 12 76	28. 93 65	28.69 57	28.31 55	28, 35 54	28. 16 59	28.45 80	28, 73 95	29.81
Ore			01			00			04		00		1
Iron ore: Consumption by furnaces													
thous. of long tons Importsthous. of long tons Receipts: Lake Erie ports and fur	2, 612 159	607 25	697 19	735 16	696 40	630 8	661 14	634 7	593 45	772 15	1, 266 21	1, 894 39	2, 626 81
naces	3, 930 1, 132 5, 101	619 88 722	549 172 641	614 220 927	299 57 250	0 0 0	0 0 0	0 0 0	0 0 0	9 28 83	448 353 901	887 343 1, 281	2, 483 515 3, 431
thous. of long tons At furnacesthous. of long tons Lake Erie docksthous. of long tons Manganese ore, imports (manganese content)#	$\begin{array}{c} 30,156\ 25,260\ 4,896 \end{array}$	32, 164 26, 896 5, 268	32, 324 27, 083 5, 241	32, 457 27, 234 5, 223	32, 084 26, 893 5, 191	31, 490 26, 328 5, 162	30, 812 25, 680 5, 132	30, 152 25, 047 5, 105	29, 557 24, 486 5, 071	28, 848 23, 879 4, 969	28, 314 23, 407 4, 907	27, 479 22, 690 4, 789	27, 772 22, 980 4, 792
thous. of long tons	4	3	0	0	1	0	0	0	2	3	2	6	4
Iron, Crude, and Semimanufactures													
Castings, gray-iron: Orders: Newav. tons per foundry		61	71	69	56	50	61	64	59	75	108	143	162
Unfilled, end of month av. tons per foundry Productionav. tons per foundry Receipts (materials)av. tons per foundry Stocks (materials)av. tons per foundry Castings, malleable. *		51 65 83 217	58 78 96 231	52 78 103 237	49 74 96 232	41 66 64 221	49 62 67 210	49 69 90 236	$47 \\ 65 \\ 86 \\ 246$	$51 \\ 68 \\ 103 \\ 236$	65 99 145 254	83 122 169 363	103 141 206 359
Orders, newshort tons Productionshort tons Percent of capacityshort tons Shipmentsshort tons Pie iron:	$28, 323 \\ 31, 811 \\ 36, 6 \\ 30, 195$	7, 776 6, 804 8. 0 8, 631	10, 582 10, 051 11. 6 9, 746	12, 850 12, 274 14, 5 11, 615	14, 304 13, 622 16. 0 12, 745	14, 504 14, 128 16, 2 14, 366	12, 645 12, 638 14. 9 14, 315	11, 273 13, 780 16. 2 14, 215	12, 508 9, 959 11. 4 11, 077	18, 449 18, 566 21, 8 17, 261	24, 671 24, 628 29, 0 23, 077	31, 997 31, 118 35, 8 29, 268	^a 28, 458 ^a 30, 865 36, 3 ^a 29, 155
Furnaces in blast, end of month: Capacitylong tons per day Number- Prices, wholesale:	56, 070 98	16, 225 42	19, 205 47	20, 170 49	20, 860 51	15, 810 42	18, 820 45	18, 910 45	15, 580 38	22, 805 48	33, 160 63	51, 675 90	≤61, 435 106
Basic (valley furnace)dolls. per long ton Composite pig irondolls. per long ton Foundry, no. 2, northern (Pitts.)	16. 20 17. 16	13. 50 14. 81	13. 50 14. 74	13. 50 14. 73	13. 50 14. 71	13. 50 14. 69	13. 50 14. 68	13. 50 14. 68	13. 50 14. 68	13. 50 14. 75	$14.20 \\ 15.45$	$15.00 \\ 16.02$	15. 50 16. 70
dolls. per long ton Productionthous. of long tons	18. 59 1, 833	16. 39 531	16. 39 593	16. 39 645	16. 39 631	16. 39 546	16.39 569	16.39 554	$\begin{array}{c} 16.39\\542\end{array}$	16.39 624	16, 59 887	$17.39 \\ 1,265$	17.89 1,792

New series. For earlier data see p. 20 of November 1932 issue (iron and steel imports) and p. 20 of the April 1933 issue (eastings). Furniture activity, all districts, not # Imports from Cuba not included.
† Revised. Earlier data not published.
§ Data revised for 1932. For revisions for full year 1932 see p. 45 of the June 1933 issue.

October 1933

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933			1932						1933			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	Мау	June	July
	META	ALS A	ND N	1ANU	FACT	URES	SCon	tinued					
IBON AND STEEL-Continued													
Iron, Manufactured Products Cast iron boilers and radiators:													
Boilers, gas-fired: Productionthous. of B.t.u.		58, 786	100, 732	87, 771	83, 731	9, 207	64, 989	48, 454	20, 837	44, 681	70, 2 65	44, 308	43,85
Shipments, quantitythous. of B.t.u Shipments, valuedollars		76, 265 79, 831	91, 465 81, 844	94, 748 97, 193	58, 680 52, 446	42,911 41,382	42, 662 38, 243	42, 169 26, 543	29,004 25,979	22, 918 20, 025	88, 444 53, 934	66, 757 49, 170	70, 78 58, 25
Stocks, end of monththous. of B.t.u Boilers, range:		591, 220	555, 483	531, 238	563, 333	521, 374	528, 238	559, 851	554, 391	583, 037	549, 059	518, 384	495, 15
Orders: Newnumber of boilers Unfilled, end of month, total	66, 977	30, 750	39, 326	51, 073	35, 551	27, 564	35, 774	29, 801	° 36, 586	a 39, 436	¢92, 998	° 57, 549	a 44, 96
Delivery, 30 days or less	34, 337	6, 585	6, 900	8, 320	6, 333	8,073	6, 016	6, 247	4, 967	8,872	35, 974	24, 948	24, 78
number of boilers. Delivery, more than 30 days		4, 952	5, 290	6, 917	4, 591	5, 639	3, 586	4, 146	3, 289	7, 397	34, 335	21, 863	21, 28
number of boilers. Productionnumber of boilers.	3,131 60,398	1,633 28,796	1,610 37,297	1,403 48,912	1,742 36,923	2, 434 29, 375	2, 430 39, 991	2, 101 27, 042	1,678 ^a 38,499	1,475	1,639 64,457	3, 085 ¢ 68, 284	3, 45 * 48, 76
Shipmentsnumber of boilers. Stocks, end of monthnumber of boilers. Boilers, round:	57, 374 30, 471	29, 469 26, 073	39, 011 24, 359	49, 653 23, 618	37, 538 23, 003	27, 582 26, 195	37, 831 28, 355	29, 570 25, 827	^a 37, 866 25, 843	^a 35, 531 25, 590	° 65, 896 24, 151	468, 575 23, 860	45, 17 27, 44
Production		2, 225 3, 891	3, 648 6, 225	6, 220 8, 896	3, 639 4, 704	1,823 3,552	2,035 2,102	2, 279 2, 133	$1,811 \\ 1,772$	2, 393 1, 792	3,242 2,403	3, 870 4, 159	4, 16 3, 95
Rollers sougre.	1		31, 963	29, 617	28, 734	26, 863	24, 517	24, 736	24, 235	24, 927	26, 063	26, 124	28, 33
Productionthous. of lbthous.		9, 734 13, 653	13, 793 19, 113	16, 824 25, 845	$11,003 \\ 13,335$	4, 918 10, 434	6, 144 6, 410	7,602	6, 211 4, 860	9,613	12,140 6,412	13, 539 10, 828	14, 84 12, 12
			118, 280 2, 426	109,730 3,187	107, 572 2, 787	101,448	99,032 1,401	100, 585	100, 409 1, 592	105, 457	111, 099 2, 919	116,938	122, 11
Boiler fittings, malleable:		2,665	2, 420 3, 461	3, 954	3, 019	2, 165	2, 319	2, 161	2, 228	2, 322	4, 191	4, 706 5, 464	4, 41 6, 07
Productionshort tons_ Shipmentsshort tons_		1,229	1, 743 2, 215	2, 128 2, 027	1,804 1,701	1,025 1,115	995 1,375	1,088 1,433	1,100 1,302	1,284 1,586	2, 140 2, 827	$3,607 \\ 3,765$	4, 10 4, 49
Radiators: Production_thous. of sq. ft. heating surface.		1,975	2,751	4,472	4, 299	3, 236	2, 547	2,992	2, 231	3, 002	3, 754	4, 138	3, 36 3, 72
Shipments. thous. of sq. ft. heating surface. Stocks, end of month		1	5, 331	7,630	4,816	3,474	2,001	1,634	1,542	1,605 31,992	2,133	3, 346	
thous. of sq. ft. heating surface. Radiators, convection type: New orders:	-	33, 688	31,270	28, 363	27,967	27, 838	28, 250	29, 646	30, 417	51, 882	33, 512	35, 626	35, 34
Heating elements only, without cabinets or grilles_thous. of sq. ft. heating surface#_	. 64	156	126	87	48	54	70	33	35	35	68	95	5
Heating elements, including cabinets and grilles_thous. of sq. ft, heating surface#_	173	165	211	180	155	142	98	86	60	123	241	160	17
Sanitary Ware										1			
Bathroom accessories: † Productionnumber of pieces.	263, 940	169, 666	240, 584	295, 734	187, 794	165, 401	142, 935	121, 070	149, 477	142, 164	186, 896	176, 775	235, 44
Shipmentsnumber of pieces. Stocks, end of monthnumber of pieces. Plumbing brass. (See Nonferrous metals.)	276, 601 371, 407	180,446 553,600	243, 444 542, 254	316, 157 529, 846	192, 849 521, 537	165, 238 533, 788	143, 991 531, 916	$129,670 \\ 521,628$	163, 220 389, 392	144, 612 391, 819	191, 857 382, 858	183, 550 379, 683	229, 85 384, 06
Plumbing brass. (See Nonferrous metals.) Plumbing and heating equipment, wholesale price (8 pieces)*dollarsdollars	005 70	192.31	192.57	193. 28	192.43	192, 63	186.40	182, 80	182,00	182.03	183.93	105 50	- 000 F
Porcelain enameled flatware: Orders, new, total dollars	. 205.78			460, 683	385, 718	362, 371	1	1	344, 763		493, 892	197.50 653,402	° 203. 5 744, 21
Porcelain enameled flatware: Orders, new, totaldollars. Signsdollars. Table topsdollars. Shipments, totaldollars. Table topsdollars.	-	131, 644 75, 650	123, 861 94, 831	157,678 123,484	172, 933 77, 681	216, 931 46, 475	236, 234 87, 158 48, 685	278, 361 102, 219 59, 574	144, 615 75, 177 324, 114	475, 156 195, 358 121, 182	217,813	210, 228	236, 17 176, 41
Shipments, totaldollarsdollars	-	422, 290	453, 808	461, 617	404, 273	389, 683 232, 611	249, 817	271, 694 113, 582	324, 114 126, 671 72, 983	388, 115 148, 793 104, 820	504, 576 216, 901	556, 300 209, 375	670, 78 194, 76
Table topsdollars. Porcelain plumbing fixtures: Orders:	-	83, 075	101, 582	121, 222	83, 551	55, 899	48, 202	50, 424	12,983	104, 820	106, 946	116, 676	183, 60
New, netnumber of pieces. Unfilled, end of monthnumber of pieces.	- 4, 240 - 5, 481	3, 217 3, 455	3, 628 3, 980	2, 788 3, 747	2, 547 3, 405	1,708 3,124	1, 643 2, 888 1, 442	1,404 2,884 1,399	2, 104 2, 991	1, 698 2, 776	3, 041 3, 430	3, 246 4, 362	3, 24 4, 53
Shipmentsnumber of pieces. Stocks, end of monthnumber of pieces.	- 3, 211 - 9, 716	2, 991 14, 479	3, 021 13, 560	3, 747 2, 900 14, 580	2, 799 13, 053	1, 833 13, 838	1, 442 13, 343	1, 399 11, 811	1, 936 11, 490	1, 885 11, 339	2, 381 11, 345	2, 197	2, 93 10, 63
Orders:		98, 156	77, 424	86, 721	65, 426	56,687	80, 283	77, 531	118, 697	245, 024	296, 264		
New, netnumber of pieces. Unfilled, end of monthnumber of pieces. Shipments	- 180, 160 - 231, 599 - 189, 923	109, 297 98, 782	91, 738	80,721 87,601 91,061	83, 826 66, 437	85, 480 57, 594	79, 903 89, 395	76,802	99, 332 96, 167	198, 787 145, 569	307, 118	•207, 230 •319, 503	133, 60 241, 36 211, 74
Shipmentsnumber of pieces. Stocks, end of monthnumber of pieces. Woodwork, plumbers':	- 325, 530	512, 697	504, 039	486, 470	496, 039	518, 245	506, 126	472, 472	443, 858	391, 369	340, 218	194, 845 315, 371	311, 18
Orders: New, netnumber of pieces.	-	95, 232	141, 736	94, 226	71, 413	55, 366	71, 303	70, 737	77, 781	97, 851	169, 543		
Unfilled, end of monthnumber of pieces. Shipmentsnumber of pieces. Stocks, end of monthnumber of pieces.		70, 669 104, 675 135, 110	77,443 134,962 118,921	78,670	78, 157	60,967 72,330	72,684	72,657	71, 170 79, 268 113, 953	77, 592 88, 467 106, 715	$\begin{array}{c} 130,715\\ 116,420\\ 101,774 \end{array}$		
Steel: Crude and Semimanufactured		135, 110	110, 921	117, 633	115, 330	111, 847	112, 416	112, 457	110, 800	100,710	101,774		
Bars, steel, cold finished, shipments.short tons.	46, 312	7, 229	9, 572	12, 209	11, 934	12, 759	13, 253	14, 196	8, 726	16, 624	23, 132	32, 774	36, 53
Castings, steel: Orders, new, totalshort tons. Railroad specialtiesshort tons. Percent of capacity	29,057	10, 147 1, 531	11,882 3,337	11, 896 2, 998	13, 235 2, 918	13, 283 2, 680	12, 942 3, 088	11,857 2,489	11, 458 2, 784	14, 507 4, 692	20, 782 3, 642	32, 026 6, 828	^a 29, 50 ^a 7, 56
Percent of capacityShort tons_ Production, totalshort tons_	20 30, 992	7 12, 331	8 11, 334	12, 531	13, 712	13, 886	9	12,438	8 13, 209	10 12,071	14 19,072	22 27, 300	a 29, 24
Percent of capacity	6,767 21	2, 465 8	2, 520 8	2, 617	3, 672 9	2, 721 10	2,753 10	2, 259	3, 285 9	2,806 8	3, 470 13	4, 167 19	a 6, 30 a 2
Ingots, steel: § Productionthous. of long tons. Percent of capacity		847	992	1,087	1, 032	861	1, 030	1, 087	910	1, 363	2,002	2, 598	3, 20
Prices wholesale.	1	15	18	19	18	15	18	21	16	25	34	46	5
Composite, finished steeldolls. per lb.	. 0217	. 0217	. 0216	. 0216	. 0215	.0214	. 0212	. 0210	. 0210	. 0206	. 0208	. 0209	. 021

Revised.
New series. For earlier data, see p. 20 of the January 1933 issue (price series). Earlier figures on convection type radiators not published. § Series revised for 1922. For revision for full year 1932, see p. 46 of the July 1933 issue.
Inequivalent direct radiation.
† Revised series. For earlier data, see p. 20 of this issue.

SURVEY OF CURRENT BUSINESS

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933			1932						1933			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
	META	ALS A	ND N	IANU	FACT	URES	SCon	tinued					
IBON AND STEEL—Continued Steel: Crude and Semimanufactured— Continued													
Prices, wholesaleContinued Structural-steel beams (Pittsburgh) dolls. per lb	. 0160	. 0160	. 0160	. 0160	. 0160	.0160	. 0160	. 0160	. 0160	.0160	.0160	. 0160	. 0160
Steel scrap (Chicago).dolls. per gross ton U.S. Steel Corporation: Earnings, netthous. of dolls Orders, unfilled, end of month	10. 45	5.75	6. 25 d 4, 475	6.00	5. 93	5. 25 4 3, 828	5. 25	5. 25	5. 25 ^d 3, 795	6.00	8.45	8.91 4,882	10. 41
thous. of long tons Steel: Manufactured Products	1, 890	1, 970	1, 985	1, 997	1, 968	1, 968	1, 899	1, 854	1, 841	1, 865	1,930	2, 107	2, 020
Barrels, steel: Orders, unfilled, end of monthnumber Productionnumber Percent of capacity	534, 549 480, 670 35. 5	617, 165 362, 993 26. 0	613, 373 395, 640 28, 4	475, 318 422, 637 30, 2	387, 050 373, 190 26. 7	330, 359 300, 570 21. 6	275, 354 292, 201 21, 0	453, 083 269, 755 19, 7	510, 737 373, 340 27, 2	526, 491 401, 086 29, 2	614, 214 465, 418 33, 9	641, 441 572, 851 42. 0	647, 924 555, 404 41. 0
ShipmentsnumberStocks, end of monthnumber Boilers, steel, new orders:	470, 632 38, 706 994	360, 509 34, 934 291	398, 241 32, 333 467	417, 470 37, 500	376, 647 34, 043	307, 372 27, 160	292, 609 26, 752	272, 432 24, 075	371, 945 25, 470	402, 506 24, 050	467, 695 21, 773	568, 437 26, 187	552, 923 28, 668
Areathous. of sq. ft Quantitynumber of boilers Furniture, steel: Business group: Orders:	511	403	443	232 379	316 301	156 215	218 197	128 176	245 193	225 235	396 328	550 511	611 498
Newthous. of dolls Unfilled. end of monththous. of dolls Shipmentsthous. of dolls Shelving: Orders:	837 684 693	574 524 543	551 536 578	577 582 622	577 577 582	$589 \\ 551 \\ 611$	552 521 583	449 505 464	419 442 482	447 374 405	544 406 512	686 456 636	607 541 523
Newthous. of dolls	194 222 179	125 169 141	153 180 146	144 181 142	139 194 125	153 142 135	106 127 121	117 139 104	142 143 138	159 168 134	172 173 167	178 182 166	180 206 156
New	120 225 107 152	129 219 118 43	97 214 102 50	94 200 108 52	98 191 107 66	$102 \\ 169 \\ 116 \\ 65$	84 171 82 82	$ \begin{array}{r} 112 \\ 198 \\ 86 \\ 72 \end{array} $	117 209 106 59	84 180 117 90	100 190 89 114	118 203 105 168	129 213 119 156
Short tons	15.714 2,079	11, 916 4, 394	11, 109 3, 753	16, 737 5, 941	7, 873 1, 446	9, 510 3, 154	11, 128 1, 501	16, 588 8, 347	8, 903 1, 270	9, 502 2, 983	16, 243 2, 858	37, 020 20, 894	20, 058 6, 013
Orders: New	158, 830 212, 879 203, 893 62, 8	66, 132 81, 283 57, 417 15, 3	78, 925 86, 570 89, 817 23, 9	94, 656 90, 707 108, 111 28, 7	66, 274 77, 339 90, 679 26, 6	76, 962 84, 390 77, 489 22, 7	75, 615 77, 509 85, 337 25, 9	80, 550 83, 760 91, 723 27. 8	83, 295 91, 993 64, 724 19. 6	118, 594 111, 311 111, 942 34. 5	144, 192 136, 592 139, 696 43, 1	246,737 229,436 166,272 51.2	174, 191 228, 696 188, 143 58, 0
Otherstand steel for heighted.	01,200	61, 284 107, 680 58, 651 78, 800	75, 490 107, 624 58, 797 111, 200	92, 424 105, 833 60, 257 74, 400	76, 866 103, 321 60, 177 51, 600	67, 412 94, 658 57, 413 145, 600	79, 234 94, 783 54, 831	72,772 100,688 57,296	74, 880 95, 606 52, 199	100, 353 91, 859 47, 815	119, 159 98, 991 51, 295	$152,953 \\104,355 \\50,067$	174, 145 104, 815 42, 095
Orders, new		20 85,600 21	28 90, 800 23	19 86,400 22	13 76,000 19	36 68, 800 17							
Production thous, of long tons Track work, production short tons	200 3, 425	75 1, 797	77 1, 430	88 1, 245	82 1, 765	80 1, 845	85 1, 984	88 1, 822	82 2, 013	94 1, 662	145 1, 768	194 2, 471	188 2, 982
MACHINERY AND APPARATUS Air-conditioning equipment: Orders, new, total	913 82 431	546 35 290	632 38 334	739 48 360	670 72 287	554 93 230	411 62 209	345 41 186	350 60 187	412 80 235	580 106 308	802 @ 124 @ 483	794 • 144 • 437
Unit-heater groupthous. of dolls Electric overhead cranes: Orders: Newthous. of dolls	399 43	221 37	260 67	331 31	311 36	231 12	141	118 21	103 39	97 39	167	a 195	a 21 3
Unfilled, end of monththous, of dolls Shipmentsthous, of dolls Electrical equipment. (See Nonferrous met- als.) Electric hoists:	319 66	401 51	414 61	222 42	209 43	$\begin{array}{c}12\\220\\29\end{array}$	13 177 44	189 9	196 32	228 7	33 228 33		159 349 75
Orders, new: Quantityno. of hoists Valuedollars Shipmentsdollars Exports, machinery. (See Foreign Trade.) Foundry equipment:		78 34, 627 28, 099	63 25, 259 33, 122	69 26, 829 31, 810	78 26, 266 28, 772	46 18, 792 22, 102				, 			
Orders: 1922-24=100. Unfilled, end of month1922-24=100 Shipments	56.3 35.3 49.7	18. 6 15. 2 29. 8	11.9 17.6 10.2	23. 2 24. 4 17. 6	11. 8 22. 4 14. 5	18.6 13.3 24.7	68. 4 58. 5 23. 2	16. 1 60. 0 14. 6	9.8 50.4 19.7	19.4 14.7 55.1	25.6 16.8 24.5	45. 5 24. 8 37. 4	48, 8 35, 8 38, 3
Orders: Newno. of burners Unfilled, end of monthno. of burners Shipmentsno. of burners Stocks, end of monthno of burners Pulverized fuel equipment:		7, 319 647 7, 240 9, 645	11, 621 1, 071 11, 197 8, 319	12, 036 939 12, 168 6, 772	3, 920 464 4, 395 6, 935	3, 371 779 3, 074 7, 812	1, 694 646 1, 827 7, 813	1, 956 311 2, 019 7, 534	2, 878 615 2, 574 7, 162	2, 755 526 2, 844 7, 526	3, 562 675 3, 413 7, 815	4, 694 1, 480 3, 889 7, 632	6, 212 1, 487 6, 205 7, 487
Orders, new, central system: Furnaces and kilnsno, of pulverizers Water-tube boilersno, of pulverizers Orders, new, unit system:		0 0	0 0	0	0 0	0 0	0 0	$0 \\ 2$	0 0	0	0 0	0 0	0
Fire-tube boilersno. of pulverizers Furnaces and kilnsno. of pulverizers Water-tube boilersno. of pulverizers	11	1 0 5 r quarter.	0 0 3	0 0 10	0 0 8	0 0 0	1 0 10 earlier dat	2 1 2	1 3 5	0 1 3	1 1 3	4 5 11	0 2 9

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October 1933

fonthly statistics through December 1931, together with explanatory footnotes and refer-	1933			19	32					193	3		
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	Мау	June	July
	META	ALS A	ND N	IANU	FAC 1	URES	SCor	tinued					
MACHINERY AND APPARATUS-Con.													
'uel equipment—Continued Stokers, mechanical, new orders: Class 1, residential *number	1, 199	757	1, 248	1, 299	709	521	251	307	252	218	357	488	a 6(
Class 2, apartment and small com- mercial *number Class 3, general commercial and small	98	143	200	167	89	55	24	27	18	8	19	18	
Class 3, general commercial and small commercial heaters *number Class 4, large commercial: *	136	82	100	102	50	64	33	29	22	15	42	49	8
Number Horsepower	213	$137 \\ 26,056$	166 29, 139	117 20, 819	91 13, 283	98 18, 375	63 12, 248	55 11, 113	84 16, 550	57 13, 599	93 23, 212	187 32, 723	a 1' 41, 24
Jachine tools: Orders: New 1922-24 = 100	57	28	29	27	32	36	32	15	13	16	28	40	
New1922-24=100 Unfilled, end of month1922-24=100 Shipments1922-24=100	74 39	78 30	60 43	41 45	42 29	$45 \\ 32$	49 26	35 27	28 22		33 23	$\widetilde{40}$ 31	
'umps: Domestic, water, shipments: Pitcher, hand, and windmillunits	42, 713	19, 983	22, 595	14, 247	12, 415	12, 772	17, 819	18, 303	19,073	22, 778	30, 755	39, 291	44.0
Power, horizontal typeunits Measuring and dispensing, shipments:	509	412	324	334	321	256	258	269	303	350	496	578	5
Gasoline: Hand operatedunits Power units	1, 193 5, 197	2, 411 5, 697	1, 731 4, 316	1, 813 4, 692	1, 681 4, 442	$1,080 \\ 2,941$	1, 144 2, 974	965 3, 221	1,418 4,048	1, 745 4, 925	2, 450 6, 089	2, 038 6, 940	1,4 • 6,7
Powerunits Oil, grease, and other: Hand operatedunits	15, 676	23, 752	28, 305	25, 105	30, 031	20, 408	14, 754	14, 918	15, 651	20, 958	32, 849	25, 096	20, 7
Powerunits Steam, power, and centrifugal: Orders:	719	751	1, 647	972	493	355	401	290	367	576	497	429	6
Newthous. of dolls Unfilled, end of monththous. of dolls	786 1,616	387 1,369	437 1, 333	387 1,310	368 1, 193	359 1,051	277 1,012	424 1, 103	404 1,066	466 1, 093	511 1, 126	$736 \\ 1,261 \\ 507 \\ 10$	7: 1, 4
Shipmentsthous. of dolls Vater-softening apparatus, shipmentsunits Vater systems, shipmentsunits	$ \begin{array}{r} $	437 185 5, 818	450 263 5, 088	399 217 3,999	378 185 3, 188	494 182 2, 258	310 208 3, 533	318 190 2, 908	434 171 2,778	435 167 3, 706	474 215 5, 605	$597 \\ 232 \\ 6,358$	5 1 7,5
Voodworking machinery: Orders:						·			_,				.,.
Canceledthous. of dolls Newthous. of dolls Unfilled, end of monththous. of dolls	$\begin{array}{c} 1 \\ 333 \\ 346 \end{array}$	$1\\139\\249$	$2 \\ 187 \\ 256$	161 221	5 147 195	11 167 171	$2 \\ 124 \\ 179$	5 113 187	97 201	$2 \\ 138 \\ 205$	$3 \\ 272 \\ 290$	8 389 341	3
Shipments: Quantitymachines Valuethous. of dolls	219	195	114	153	134	159	100	104	63	82	149	275	2
Valuethous. of dolls	337	173	175	193	164	175	111	98	81	132	191	316	3
PRODUCTS													
Metais luminum: Imports, bauxitelong tons	8,304	10, 809	11,008	11, 553	10, 481	9, 546	10, 777	11, 176	10,974	4, 807	18, 345	12,944	12, 7
Wholesale prices: No. 1, virgin, 98-99, N.Ydolls. per lb	. 2290	. 2290	. 2290	. 2290	. 2290	. 2290	. 2290	. 2290	. 2290	. 2290	. 2290	. 2290	. 22
Scrap, cast, N.Ydolls. per lb Babbitt metal: Production, totalthous. of lb	. 0738 2, 754	. 0300 1, 320	. 0300 1, 406	. 0315 1, 573	. 0400 1, 265	. 0400 1, 149	. 0490 1, 346	. 0400	. 0400 1, 135	. 0416	. 0548	. 0675 2, 328	.06 2,4
For own usethous. of ib Salesthous. of ib	694 2,060	325 994	298 1, 108	381 1, 193	321 945	326 824	272 1,074	260 918	193 942	274 1, 270	325 1, 786	450 1, 878	$^{5}_{1,9}$
Copper: Exports, refined§short tons Imports, total§short tons	12,955 14,335	8, 240 8, 329	15, 821 7, 067	8, 318 6, 636	5, 839 4, 944	9, 826 10, 301	12, 567 8, 768	12, 515 8, 004	12, 139 8, 563	10, 644 7, 214	10,976 11,120	12, 575 12, 305	12, 5 14, 6
Ore and blistershort tons Price, electrolytic, N.Ydolls. per lb	14, 319 . 0877	7, 881 . 0522	6, 277 . 0598	6, 609 . 0573	4, 944 . 0513	9,604.0481	8, 187 . 0478	8,004 .0478	8, 548 . 0501	5, 423 . 0540	9, 889 . 0670	10,445.0777	14, 6 . 08
lold. (See Finance.) Lead: Ore:													
Receipts in U.S. oreshort tonsshort tons	21, 958 4, 093	20, 333 770	20, 421 1, 346	20, 755 2, 615	21, 245 1, 990	25, 465 2, 298	22, 580 1, 887	22, 299 1, 915	24, 037 2, 298	17, 835 2, 552	17,673 2,772	$17,502 \\ 3,807$	17, 8 2, 9
Refined: Importsshort tons Price, pig, desilverized, N.Ydolls. per lb	674 . 0450	$381 \\ .0324$	5, 563 . 0347	1,220 .0305	1, 113 . 0305	480 . 0300	200 . 0300	2, 531 . 0300	66 . 0315	183 . 0326	20 . 0365	518 . 0417	. 04
Productionshort tons Shipments, reportedshort tons Stocks, end of monthshort tons	18, 611 35, 821	17,118 29,624	20, 498 27, 682	21,092	24, 465 23, 065	21,173 24,089	24, 615 19, 030	20, 033 17, 349	24, 684 21, 950	23, 385 25, 378	19,405 28,197	21,783 34,825	18, 5 45, 1
filver. (See Finance.) Fin:	160, 486	175, 907	173, 159	171, 445	175, 532	176, 157	184, 693	189, 751	194, 251	196, 827	197, 109	193, 005	a 171, 2
Consumption in manufacture of tin and terneplate *long tons	3, 110	1,200	1,100	1,400	1,300 3,240	1,300	$1,360 \\ 3,725$	1,400	1,310	1, 460	2, 260	3, 020	2,9
Deliverieslong tons Imports, bars, blocks, etclong tons Price, Straits, N.Ydolls. per lb	8, 020 9, 177 . 4474	2, 585 2, 399 , 2296	2, 680 2, 668 . 2476	3, 130 3, 063 , 2392	2, 582 . 2332	2, 645 3, 786 , 2269	3,725 2,802 .2270	3, 045 2, 262 . 2350	3, 330 2, 830 , 2434	4, 555 4, 274 . 2715	4,835 5,725 ,3591		6, 5 8, 4 . 46
Stocks, end of month: World, visible supplylong tons	33, 534	47, 177	47, 739	47, 048	47, 471	45, 796	44, 223	43, 160	43, 528	42, 541	41, 883	39, 964	38, 0
United Stateslong tons line: Ore, Joplin district:	5, 788	4, 459	4, 191	4, 291	3, 441	4, 496	3, 461	2, 741	2, 281	2, 040	3, 036	3, 474	4,5
Shipmentsshort tonsshort tons	26, 605 10, 496	7, 192 67, 902	12, 032 64, 136	24, 715 51, 201	22, 280 42, 891	23, 948 37, 500	30, 875 24, 515	22, 262 18, 343	10, 976 19, 987	19, 830 17, 167	13, 869 18, 108	20, 456 15, 232	22, 1 14, 6
Price, slab, prime, western (St. Louis) dolls. per lb	.0492	.0276	.0332 13,260	,0303	.0309	.0312	. 0302	. 0267	.0299	. 0330	. 0381	.0435	.04
Production, total (primary)short tons Retorts in operation, end of monumber Shipments, totalshort tons	27, 220	$13,611 \\ 14,514 \\ 16,360$	13, 260	15, 217 17, 369 19, 152	16,078 19,753 15,970	18, 653 21, 023 15, 745	^a 19, 519 22, 660 a 14, 731	^a 19, 551 23, 389 a 14, 755	^a 21, 848 22, 375 a 15, 909	a 21, 507 22, 405 a 19, 439	a 21, 556 23, 569 a 27, 369	24, 027 24, 404 36, 737	30,9 25,8 45,6
Domesticshort tonsshort tonsstocks, refinery, end of monthshort tons	42,421	16, 321 133, 153	20, 618 125, 775	19, 132 121, 840	15,950 121,948	$ 15,725 \\ 124,856 $	° 14, 691 129, 644	a 14, 755 134, 440	• 15, 909 140, 379	a 19, 394 142, 447	a 27, 369 136, 634	36, 693 123, 924	45, 6 109, 1
Electrical Equipment					ł								
Conduit, nonmetallic, shipments_thous. of ft_ Delinquent accounts, electrical trade. (See		1, 180	1,877	1, 984	1,705	1, 045	1, 341	1, 622	846	1, 091	2, 303	2, 609	2, 1
Domestic trade.) Furnaces, electric, new orderskilowatts_	936	106	100	591	620	334	205	247	211	2, 157	688	1 357	7
* New series. For earlier data see p. 19 of	the Ianua	rv 1933 ise	uie (stobe	re) and n	90 of Day	ambar 10	29 jeena /:						

SURVEY OF CURRENT BUSINESS

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933			1932						1933			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	A pril	May	June	July
	META	LS A	ND N	1ANU	FACT	URE	S-Con	tinued					
NONFERROUS METALS AND PRODUCTSContinued													
Electrical Equipment—Continued													
Electrical goods, new orders † (quarterly) thous. of dolls.			63, 319			62,912			57, 897			79, 514	
Laminated phenolic products, shipments	608, 788	284, 779	375, 849	456,720	379, 687	325,004	299, 259	294, 230	311, 439	391,055	560, 582	622,979	578, 503
Mica, manufactured: Orders, unfilled, end of									•			,	
monththous. of dolls Shipmentsthous. of dolls Motors (direct current):	124 130	44 49	49 47	51 56	46 65	45 56	46 58	29 50	28 48	34 53	42 76	122 90	148 118
Billings (shipments)		163, 242 134, 651	160, 016 137, 704	129, 488 124, 546	150, 283 146, 813	186, 285 133, 950	108, 871 83, 679	136, 566 168, 266	150, 571 141, 313	128, 786 118, 359	231, 210 158, 094	213, 167 265, 054	219, 601 376, 758
Panelboards and cabinets, shipments thous. of dolls Porcelain, electrical, shipments;	167	193	179	142	147	173	191	146	137	130	157	204	165
Specialdollarsdollars	59, 120 47, 342	32, 074 19, 121	37, 257 20, 820	49,051 22,688	42, 664 15, 715	29,007 11,450	20, 310 14, 721	27, 897 15, 770	38, 311 17, 188	25, 722 17, 197	34, 813 21, 181	43, 733 45, 781	45, 922 30, 498
Power cables, shipments	344	696	544	420	343	282	254	439	285	288	246	412	245
Indoordollarsdollarsdollarsdollars Radiators, convection type. (See Iron and steel.)	27,613 65,875	22, 064 48, 058	20, 316 45, 139	13, 345 26, 216	15, 343 38, 000	17, 703 58, 618	19, 799 42, 173	25, 096 33, 784	10, 812 36, 482	17, 356 74, 979	23, 161 35, 936	23, 506 50, 527	26, 000 65, 354
Reflectors, industrial, salesunits Vacuum cleaners, shipmentsnumber		35, 094 30, 088	37, 736 33, 821	38, 453 38, 000	35, 327 36, 178	29, 699 38, 727	27, 668 28, 462	25, 952 30, 106	25, 381 43, 340	30, 223 37, 934	32, 142 41, 661	38, 970 44, 531	46, 453
Vulcanized fiber: Consumptionthous. of lbs Shipmentsthous. of dolls	1,948 446	664 203	753 255	1,047 260	903 245	948 188	876	811 192	874 187	864 206	1, 357 285	1, 964 404	2, 032 434
Welding sets, new orders: Multiple operatorunits		2	0	0	6	1	3	2	1	1	2 94	0	2
Single operator		88	70	64	63	101	39	39	57	70	94	156	200
Brass and bronze (ingots and billets):		1	1			1		l					1
Deliveriesnet tons Orders, unfilled, end of monthnet tons	5, 027 14, 664	1, 758 18, 790	2, 112 18, 336	1,969 17,002	1, 646 16, 648	1, 492 16, 373	1, 261 15, 934	1, 421 14, 952	1, 586 15, 991	2, 274 16, 408	3, 804 16, 712	4, 973 15, 568	5, 601 15, 657
Brass, plumbing: Shipments *number of pieces Brass sheets, wholesale price, mill	1,060,739	641, 498	789, 862	837, 258	637, 923	446, 608	493, 477	585, 775	563, 671	664, 573	1,007,966	1,291,994	1, 112, 013
dolls. per lb	.147	. 120	. 124	. 125	. 125	. 125	. 110	. 110	. 110	. 115	. 122	. 133	. 140
Orders: Make and hold-over, end of month thous. of sq. ft	289	533	525	503	506	507	487	518	542	549	543	510	272
Newthous. of sq. ft Unfilled, end of monththous. of sq. ft	491 729	310 117	309 103	288 103	301 115	249 130	275 106	257 110	317 118	281 102	642 406	484 648	379 735
Productionthous. of sq. ft Shipmentsthous. of sq. ft	444	281 283	299 306	308 276	289 275	253 227	241 257	220 220	267 265	256 238	294 305	458 457	400 477
Stocks, end of monththous. of sq. ft Fire-extinguishing equipment. (See auto- mobiles.)	682	878	865	901	800	921	868	863	832	845	829	802	738

PAPER AND PRINTING

WOOD PULP Chemicai: Consumption and shipments total short tons Sulphite, totalshort tons Bleachedshort tons Unbleachedshort tons.		21, 190 99, 404 30, 138	157, 202 21, 106 103, 368 34, 784	172, 764 21, 274 111, 602 37, 158	163, 454 20, 572 107, 684 34, 972	143, 140 16, 910 96, 036 32, 466	159, 268 20, 580 108, 022 43, 314	163, 686 20, 066 113, 646 44, 500	28, 334	a177, 268 a22, 412 a122, 400 46, 578 30, 080	212, 300 30, 654 142, 854 56, 986 30, 840	229, 034 33, 106 151, 002 57, 844 33, 300	
Sulphate		22, 364 30, 034 874 73, 721	22, 756 32, 076 652 78, 095	24, 590 39, 294 594 119, 612	23, 646 34, 736 462 142, 363	18, 010 29, 596 598 146, 289	22, 744 30, 040 626 138, 971	24, 274 29, 290 684 98, 431	29, 008 31, 340 720 78, 921	31, 904 552 62, 409	38, 220 572 82, 176	33, 300 44, 030 896 137, 206	178, 577
dolls. per 100 lbs Production, totalshort tons Sulphite, totalshort tons Bleachedshort tons Unbleachedshort tons Unbleachedshort tons Stocks, end of month, totalshort tons Soda		$\begin{array}{c} 30,546\\ 24,012\\ 31,162\\ 732\\ 34,184\\ 3,498\\ 26,768\\ 5,156\\ 6,950\\ 3,712\\ 206\\ \end{array}$	$\begin{array}{c} 1.58\\ 159,028\\ 10,852\\ 103,586\\ 35,940\\ 23,582\\ 34,840\\ 750\\ 32,020\\ 2,942\\ 24,694\\ 6,312\\ 6,484\\ 4,080\\ 304 \end{array}$	$\begin{array}{c} \textbf{1,58}\\ \textbf{175,610}\\ \textbf{21,102}\\ \textbf{36,986}\\ \textbf{26,424}\\ \textbf{42,366}\\ \textbf{690}\\ \textbf{30,534}\\ \textbf{3,504}\\ \textbf{22,378}\\ \textbf{6,140}\\ \textbf{6,152}\\ \textbf{4,252}\\ \textbf{400} \end{array}$	$\begin{array}{c} 1.58\\ 164,856\\ 19,604\\ 108,152\\ 34,906\\ 24,238\\ 36,604\\ 496\\ 29,148\\ 3,224\\ 21,846\\ 6,074\\ 5,744\\ 3,644\\ 434 \end{array}$	$\begin{array}{c} 1.53\\ 144,150\\ 16,448\\ 95,036\\ 31,558\\ 17,916\\ 31,992\\ 674\\ 28,624\\ 3,318\\ 20,464\\ 5,166\\ 5,268\\ 3,822\\ 510\\ \end{array}$	$\begin{array}{c} 1.53\\ 165,182\\ 19,934\\ 111,610\\ 41,964\\ 27,288\\ 33,080\\ 558\\ 54,536\\ 2,840\\ 46,744\\ 23,116\\ 13,602\\ 4,510\\ 442\\ \end{array}$	$\begin{array}{c} 1.\ 53\\ 162,\ 956\\ 18,\ 978\\ 112,\ 848\\ 41,\ 422\\ 28,\ 008\\ 30,\ 466\\ 664\\ 50,\ 206\\ 2,\ 368\\ 43,\ 758\\ 20,\ 038\\ 14,\ 996\\ 3,\ 658\\ 422\\ \end{array}$	$\begin{array}{c} 1.53\\ 183,850\\ 22,602\\ 126,242\\ 45,020\\ 32,080\\ 34,214\\ 792\\ 47,352\\ 2,492\\ 40,210\\ 15,652\\ 14,990\\ 4,156\\ 494 \end{array}$	$\begin{array}{c} 1.53\\ 170,848\\ 20,138\\ 116,354\\ 45,258\\ 25,754\\ 34,042\\ 339,830\\ 3,304\\ ^{\circ}32,280\\ 14,332\\ 8,780\\ 3,990\\ 256\end{array}$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 25,954\\ 149,638\\ 54,688\\ 35,230\\ 48,162\\ 694 \end{array}$	
Consumption and shipmentsshort tons. Importsshort tons. Productionshort tons. Stocks, end of monthshort tons.	21, 354	91, 772 8, 998 77, 397 81, 394	89, 437 17, 896 74, 998 66, 955	92, 235 17, 876 85, 573 60, 294	98, 102 24, 956 97, 646 58, 457	91, 706 17, 403 90, 780 57, 531	81, 382 8, 210 78, 665 52, 028	76, 037 5, 594 73, 729 49, 820	88, 555 9, 064 86, 840 48, 105	86, 431 7, 949 91, 498 53, 172	101, 997 18, 084 109, 128 60, 303	106, 671 18, 684 105, 018 59, 218	23, 612
Total paper, incl. box board and newsprint: Production	1	55	496, 492 60 551, 460 381, 665	542, 247 62 574, 761 359, 847	500, 379 58 517, 611 366, 685	462, 470 52 472, 198 363, 962	454, 618 53 479, 892 349, 389	58					
Orders, new: Coatedpercent of normal production Uncoatedpercent of normal production • New series. Data prior to October 1931 ; † Revised series. For earlier data see p. 19	not publis	52 bed. 5	43 55 Data rev issue.	46 49 ised for 19	41 53 32. For:	36 43 revisions	43 51 for full ye	43 51 ar 1932 se	46 60 e p. 49 of	49 47 the June	53 60 1933 issue	56 73 • Re	52 59 vised.

October 1933

Monthly statistics through December 1931,	1933			1932						1933			
together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
	Р	APER	AND	PRI	NTIN	G-Co	ntinue	:i	·				<u> </u>
PAPER-Continued Book paper-Continued													
Orders, unfilled: Coatedumber of days' production UncoatedProduction Production		3 5 84, 756	3 6 83, 400	4 4 88, 988	3 5 87, 119	3 4 86, 858	4 4 83, 905	4 3 85, 583	3 5 93, 628	4 4 82, 299	5 6 94, 891		6 8
Uncostednumber of days' production Production		40 116, 585 78, 063	51 118, 100 76, 814	60 123, 060 72, 436	59 116, 784 77, 289	59 115, 616 78, 294	58 121, 628 70, 778	64 119, 074 74, 671	66 115, 859 77, 210	49 117, 597 75, 820	$\begin{array}{r} 55\\112,070\\80,900\end{array}$	$\begin{array}{r} 63\\126,975\\83,327\end{array}$	
Consumption, waste papershort tons			196, 910 205, 783	228, 116 199, 119	197, 306 163, 128	155, 729 152, 807	158, 458 157, 245						
Newshort tonsshort tons Unfilled, end of monthshort tons Operations, percent of capacity Shipmentsshort tonsshort tonsstocks, end of monthshort tonsstocks of weste percent of monthshort tonsstocks, end of monthshort tonsshort tonsstocks, end of monthshort tonsshort tonsshort tonsstocks, end of monthshort tonsshort ton		35, 864 173, 805 51. 5	53, 331 180, 421 61. 4	$\begin{array}{r} 48,536\\201,777\\61.6\end{array}$	33, 575 179, 094 58. 1	33, 490 157, 357 45. 7	$\begin{array}{c} 36,030 \\ 154,497 \\ 48.2 \end{array}$						
Short tons. Stocks, end of monthshort tons. Stocks of waste paper, end of month: At millsshort tons In transit and unshipped purchases		171, 485 81, 805	188, 103 74, 237	203, 932 72, 083	178, 189 72, 491	152, 874 76, 173							
In transit and unshipped purchases short tons Newsprint:		131, 343 23, 897	174, 756 26, 666	160, 794 30, 448	172, 693 31, 325	160, 600 24, 370	173, 415 26, 481						·····
Canada: Exports	194,262 194,354	152, 761 #157, 424 #154, 386	119, 277 150, 691 142, 633	148, 935 157, 506 157, 568	153, 569 161, 334 164, 327	136, 993 138, 682 140, 770	127, 779 140, 539 133, 056	107, 446 124, 788 120, 094	138, 005 137, 078 140, 694	148,377 161,040	168, 719 170, 047 164, 991	152, 152 171, 830 171, 889	167, 303 180, 387 ¤180, 836
Stocks, at mills, end of month_short tons United States: Consumption by publishersshort tons Importsshort tons	41, 826 127, 837 151, 210	°50, 004 123, 873 147, 669	48, 062 127, 425 133, 830	48, 411 144, 993 148, 291	45, 461 145, 889 155, 499	42, 337 132, 761 135, 430	49, 837 127, 446 130, 917	54, 515 116, 307 94, 908	50, 872 123, 402 114, 500	37, 232 132, 032 139, 213	43, 428 160, 773 157, 314	43, 068 130, 879 142, 700	41, 963 132, 482 163, 433
Price, rolls, contract, destination, N.Y. basis — dolls. per short ton. Production, totalshort tons. Shipments from millsshort tons.	40, 00 84, 521 82, 503	53.00 ^a 78,631 ^a 77,109	51, 25 70, 621 73, 234	45.00 76,731 76,922	45.00 81,662 83,922	45.00 80,075 79,002	45. 00 74, 356 72, 637	45.00 67,665 66,884	45.00 76,521 77,933	40, 00 74, 534 76, 085	40.00 81, 181 78, 861	40.00 81,939 84,970	40.00 40
Stocks, end of month: At millsshort tonsshort to	21,407 171,011 30,934	°35, 708 188, 436 23, 195	33, 095 181, 613 26, 191	32, 790 165, 459 29, 586	30, 581 171, 798 28, 758	21, 783 172, 272 24, 171	23, 502 166, 954 24, 601	23, 363 157, 489 27, 347	23, 005 149, 971 23, 691	21, 171 139, 637 27, 066	$23,560 \\ 137,451 \\ 24,290$	21,964 135,342 24,051	$19,378 \\ 157,118 \\ 26,278$
Writing (fine) paper: Productionshort tons Percent of capacityshort tonsshort		$23,803 \\ 45 \\ 24,160$	25,790 53 26,512	27,123 54 27,421	24, 546 49 24, 325	21,233 42 21,318	25,371 49 26,563	25, 191 53 25, 468	29, 744 59 29, 655	$24,150 \\ 49 \\ 25,406$	$33,779 \\ 63 \\ 31,347$		
Shipmentsshort tonsshort tonsshort tonsshort tonsshort tonsshort tonsshort tonsshort tons		60, 479	50, 719 60, 182 71	49, 940 68, 333 77	50, 156 59, 149 67	50, 063 50, 005 57	50, 099 52, 054 62	48, 984 48, 881 63	48, 965 57, 525 65	47, 548 58, 212 72	49, 176 72, 196 83	50, 894 83, 663	
Shipmentsshort tonsshort tonsshort tonsshort tonsshort tonsshort tonsshort tonsroductionshort tonsshort tons		59, 874 70, 825	65, 719 64, 561	74, 961 57, 963	58, 203 58, 903	48, 905 59, 554	51,950 57,240	49, 028 57, 596	58, 791 56, 307	60, 133 54, 405	$73,279 \\ 53,314$	91, 527 46, 502	
Production		78 968	76, 078 79, 792 80, 818	79, 295 68, 465 74, 635	68, 809 56, 188 77, 265	66, 942 54, 483 78, 095	64, 435 52, 834 71, 297	62, 851 50, 062 72, 135	69, 329 54, 891 74, 912	68, 511 57, 197 73, 394	86, 137 70, 278 73, 371	70, 342	
PAPER PRODUCTS Abrasive paper and cloth, shipments:													
Domesticreams Foreignreams Paper heard shinning hoxes:	6, 739	34, 835 5, 867	39, 897 6, 532	42, 297 5, 574	35, 424 5, 331	28, 125 6, 522	37, 648 4, 412	35, 878 6, 832	32, 412 6, 829	40, 468 5, 478	53, 187 7, 675	60, 549 8, 984	59, 784 6, 945
Operating time total persont of permal		62 66 48 436, 358	71 76 57 447, 032	79 83 65 508, 182	65 69 52 409, 736	58 62 44 361, 871	56 62 39 376, 200	60 65 43 398, 014	58 61 47 380, 452	65 71 47 460, 970		88 93 72	91 100 65
Corrugatedpercent of normal_ Solid fiberpercent of normal_ Production, totalthous, of sq. ft Corrugatedthous, of sq. ft Solid fiberthous, of sq. ft Rope paper sacks shipments*1930-31 = 100		371, 427 64, 931 108	405, 922 71, 110 115	436, 406 71, 776 125	345,756 63,980 112	306, 447 55, 424 120	314, 084 62, 116 106	329, 133 68, 881 81	306, 667 73, 785 112	385, 117 75, 853 124	463, 567 101, 904 95	626, 415 499, 226 127, 189 102	631, 484 513, 490 117, 994 112
PRINTING													TO 000
Blank forms, new ordersthous. of sets Book publication, totalnumber of editions New booksnumber of editions New editionsnumber of editions Operations (productive capacity)1923=100	94, 244 572 491 81	41, 061 609 504 105 63	41, 252 806 655 151 66	40, 396 1, 090 912 178 66	38, 364 700 595 105 67	50, 350 875 707 168 66	46, 602 457 390 67 66	45, 053 679 576 103 70	53, 337 766 621 145 62	46, 508 805 637 168 62	59, 226 530 477 53 67	82, 156 511 416 95 63	72, 099 660 554 106 63
Sales books: Orders, newthous. of books Shipmentsthous. of books	13, 364 11, 950	7, 879 9, 128	8, 575 8, 704	10, 190 9, 082	8, 476 8, 874	7, 645 9, 068	9,735	7,907	7, 399 8, 048	9, 902 8, 570	10, 380 9, 572	12, 934 11, 162	13,078 11,097
	RI	JBBE	R AN	D RU	BBER	PRC)DUC'	гя					
CRUDE AND SCRAP BUBBER													
Crude: Consumption, totallong tons For tireslong tons Imports, total, including latess long tons Price, wholesale, smoked sheets, N.Y.	39, 097 45, 413	20, 582 12, 646 33, 989	20, 692 10, 399 29, 280	19, 337 10, 340 35, 806	20, 157 9, 388 29, 620	15, 631 7, 408 32, 016	19, 928 10, 376 30, 663	18, 825 9, 587 22, 969	15, 701 8, 179 28, 475	22, 817 13, 555 21, 034	38, 785 22, 337 26, 736	44, 654 26, 075 23, 504	43, 660 24, 751 45, 243
Price, wholesale, smoked sheets, N.Y. dolls. per lb Shipments, worldlong tons Stocks, world, end of month†long tons	. 073 76, 000 607, 978	. 036 56, 327 595, 782	. 039 59, 683 599, 761	.034 54,403 604,008	.034 57,976 611,301	.033 56,700 621,078	. 033 59, 000 614, 851	. 029 54, 500 618, 299	.030 56,900 622,142	. 036 55, 000 617, 490	.049 57,000 620,586	. 061 62, 000 632, 565	. 078 • 74, 000 • 619, 752
Alloat, totallong tonslong tong tong tong tong tong tong tong t	91, 355 66, 355 96, 623 85, 000	74, 808 53, 558 104, 408 66, 134	78, 775 57, 735 103, 195 64, 321	69, 240 50, 220 100, 001 68, 836	74, 505 54, 505 96, 324 71, 441	71, 147 51, 147 91, 121 77, 024	60, 674 40, 674 89, 267 74, 590	65, 123 41, 123 92, 153 71, 677	60, 914 36, 914 94, 658 67, 583	65, 431 38, 431 95, 151 66, 911	81, 177 54, 177 98, 609 70, 489	106, 510 79, 510 102, 511 82, 331	^a 96, 794 71, 794 99, 906 88, 189
United Statestlong tons Reclaimed rubber: Consumptionlong tons Productionlong tons	. 335, 000 6, 990	350, 432 3, 461 3, 101	353, 470 4, 136 5, 043	365, 931 4, 340 6, 275	370, 577 4, 135 6, 215	379,000 3,135 5,345	385, 354 3, 560	386, 686 3, 229 4, 303	395, 987 2, 556 3, 617	389, 997 3, 261 4, 340	370, 311 5, 750 7, 864	341, 213 7, 159 9, 956	334, 853 7, 642 11, 326
Stocks, end of monthlong tons Ecrap rubber: Consumption by reclaimerslong tons	9, 924	10, 387	9, 982 16, 229	9,877	9, 973	10, 794 19, 512		10, 936	10, 227 14, 132	9, 484	9,065	8, 733 27, 800	9, 311

• Revised. † For revised data for year 1932 see p. 50 of May 1933 issue. • New series. Earlier data not published. § Data revised for 1932, for revisions for full year 1932 see p. 50 of the June 1933 issue.

SURVEY OF CURRENT BUSINESS

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933			1932						1933			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
R	UBBE	R AN	D RU	BBEI	R PRO	DUC	TS-C	ontinu	ed				
TIBES AND TUBES		1											
Pneumatic casings:					1		1						
Production thousands Shipments, total thousands Domestic thousands Stocks, end of month thousands		2,471 2,124	2,031 2,466	2,055 1,439	1,843	1,586 1,455	1,806 2,077	1,871 1,834	1,630 1,674	2, 499 2, 923	4, 151 4, 144	4,880 5,044	4,57
Domesticthousandsthousands		2,065 5,327	2,411 4,877	1, 385 5, 501	1,306 5,964	1,405 6,115	2, 011 5, 789	$1,764 \\ 5,902$	1,616 5,832	2,874 5,419	4,077 5,408	4,320 5,292	4, 32
										•			
Production tres. Production tres. Shipments, totalthousands		8	8	67	6 6	75	6 7	7 8	777	7	9	15 15	
Domesticthousands Stocks, end of monththousands		7	7	7	5	5	7	7	6	7	9	14	
nner tubes:			24	24	23	24	22	21	21	20	21	20	:
Productionthousandsthousands	.	2, 199 2, 002	2,081 2,478	1,749 1,327	1,604 1,263	1, 423 1, 379	1,675 2,028	1,779 1,682	1,506 1,522	2, 282 2, 441	$3,760 \\ 3,571$	4,358 4,622	4,48
Shipments, totalthousands. Domesticthousands Stocks, end of monththousands		1,966	2,440	1,292	1, 221	1,348	1,989	1,646	1,486	2,410	3, 530	4, 575	4,1
		4, 902	4,602	4,971	5, 330	5,400	4, 957	5, 085	5, 095	4, 951	5, 105	4, 878	5, 18
Fabricsthous. of lb Crude rubber. (See Crude Rubber.)		10, 116	8, 417	8, 345	7,827	5, 993	7, 899	7, 263	6, 364	10, 460	16, 778	19, 553	18, 70
MISCELLANEOUS PRODUCTS													
Rubber bands, shipmentsthous. of lb Rubber clothing, calendered:	. 260	199	210	315	170	138	189	167	162	191	247	313	30
Orders, netnumber of coats and sundries		13, 321	31, 577	35, 417	22, 353	6, 827	11, 574	7, 327	8,058	8, 037	9, 808	11,756	
Productionnumber of coats and sundries_ Rubber-proofed fabrics, production, total		28, 284	22,770	35, 306	38, 704	25, 759	24, 409	16, 330	20, 997	14, 227	19, 392	35, 873	
thous. of yd.		2,952	4, 510	4,918	3, 890	1,772	2,052	2, 146	2,303	2, 988	4,891	4, 249 603	5,99 58
thous. of yd		268 1,489	301 2,719	404 3,065	332 2,461	234 707	221 799	243 616	134 953	$241 \\ 1,275$	467 2,321	3, 195	3,30
Rubber flooring, shipmentsthous. of sq. ft Rubber and canvas footwear:	319	434	421	383	307	252	188	269	307	218	365	310	25
Production total thous of pairs		3, 576	3,767	4, 139	5,007	4,782	3,725	3, 275	3, 281	3, 172	3, 860	3,732	3, 82
Tennisthous. of pairs Waterproofthous. of pairs Shipments, totalthous. of pairs		1,375 2,201	1, 190 2, 577	1,055 3,084	1,385 3,623	1,603 3,179	1,913 1,812	2, 185 1, 090	2, 634 647	2, 636 536	2,794 1,066	2,153 1,579	1, 49 2, 35
Shipments, total thous. of pairs		3, 342	4,641	5, 234	5,375	4, 813	3,156	3, 537	3, 390	3,672	4,212	3, 925	4.3
Tennisthous. of pairs Waterproofthous. of pairs Shipments, domestic, totalthous. of pairs		1,208 2,134	1, 249 3, 393	600 4.634	454	551 4,262	1,814 1,342	2,256 1,281	2, 842 548	3, 230 442	3,516 696	3, 085 840	2, 2 2, 0
Shipments, domestic, total_thous. of pairs_		3, 272	4,589	5, 189	5,330	4,773	3,136	3, 511	3.339	3 637	4, 149	3, 857	4, 2,
Waterproof thous of pairs		1,175 2,096	1,226 3,363	571 4,618	422 4,908	168 4, 254	1,801 1,335	2,245 1,267	2, 800 539	3, 202 435	$3,470 \\ 679$	3, 025 833	2, 18 2, 01
Stocks, total, end of month_ thous of pairs		17,358 4.615	16, 483 4, 556	15, 388	15,038 5,955	15,016	15,351	15,088	14,965 6,730	14, 462 6, 135	$14,110 \\ 5,413$	$13,922 \\ 4,485$	13, 5 3, 8
Tennis		12,743	11,928	5,010 10,378	9,083	7,016 8,000	7,008 8,343	6, 937 8, 151	8,235	8, 326	8, 697	9,437	9,68
Rubber heels: Production thous of pairs		11,073	14, 205	16, 736	14, 162	12,433	13, 142	13,030	11, 222	10, 353	19, 427	23, 479	21.49
Production		14, 395	18,000	16,222	13, 188	13, 641	11, 336	10,888	10,761	12, 383	20,484	27,717	20, 11
Exportthous. of pairsthous. of pairs		187 4,260	297 5, 520	233 5,012	184 3,966	258 2,423	209 2,433	221 2, 909	170 2,677	281 4,441	$182 \\ 6,883$	$\frac{284}{7,155}$	29 6, 18
Shoe manufacturers thous. of pairs		9,948	12, 183	10,977	9,038	10,960	8,694	7,758	7,914	7,661	13, 419	20,278	13, 63
Rubber soles:		24, 449	20, 534	21, 029	21, 749	20, 337	21, 808	25, 267	25, 549	23, 740	22, 688	18, 402	19,86
Productionthous of pairs		2,599 2,660	4, 054 4, 353	5, 081 4, 792	4, 780 4, 420	4, 647 5, 265	4, 247 3, 777	4,008 3,728	3, 959 3, 925	3, 108 3, 256	$5,209 \\ 5,482$	6, 094 6, 786	5,15 5,02
Exportthous. of pairs		2,000	7	4	5	6	1	3	235	1	1	5	
Repair tradethous. of pairs Shoe manufacturesthous of pairs		140 2,508	215 4, 131	269 4, 519	316 4,099	209 5,050	275 3, 502	362 3, 362	271 3,419	266 2,988	$335 \\ 5,146$	395 6, 386	43 4, 58
Productionthous. of pairs Shipments, total*thous. of pairs Exportthous. of pairs Repair tradethous. of pairs Shoe manufacturesthous. of pairs Stocks, end of monththous. of pairs Mechanical rubber goods, shipments: Total		2, 508 2, 373	2, 024	2, 168	2, 559	2, 369	2, 766	3, 121	3, 302	3, 215	3,006	2, 228	2, 33
Total		2, 152	1,975	2, 192	1,990	1,992	2,060	1, 815	2, 018	2, 273	2, 847	3,924	4, 19
Totalthous. of dolls Beltingthous. of dolls Hosethous. of dolls		563 785	456 706	481 844	423 709	397 780	382 730	352 633	358 802	371 903	$521 \\ 1,067$	865 1,471	1,18
Otherthous. of dolls.		804	813	867	858	816	949	830	858	999	1, 259	1, 588	1, 57

STONE, CLAY, AND GLASS PRODUCTS

													·····
BRICK #			•										
Common brick, wholesale price, red, N.Y. dolls. per thous	9.25	9.30	9, 25	9, 25	9, 25	9. 25	10, 13	9, 25	9,25	9.25	9, 25	9, 25	9.25
Face brick (average per plant):													
Orders, unfilled, end of mo_thous. of brick Production (machine)*thous. of brick	432 256	477 149	424 180	363 200	351 151	352 98	292 35	300 24	324 27	359 93	350 139	398 157	408 245
Shipmentsthous. of brick Stocks, end of month tthous. of brick	226	258	228	221	134	85	79	50	94	131	169	207	213
Sand-lime brick:	2, 790	3, 196	3, 177	3, 119	3, 091	3, 133	3, 061	3, 030	2, 975	2, 911	2, 860	2, 823	2, 797
Orders, unfilled, end of mothous. of brick Productionthous. of brick		5,923 2,537	2, 254 2, 523	$3,650 \\ 2,187$	8,050 901	5, 755 798	7,325 606	4, 812 307	3, 675 511	2,775 492	$1,580 \\ 588$	1, 315 730	3,955 1,148
Shipments by railthous. of brick		176	455	300	0	82	110	80	15	50	72	71	15
Shipments by truckthous. of brick Stocks, end of monththous. of brick		2, 508 4, 151	1, 808 5, 898	1, 668 4, 813	1, 231 4, 477	884 4, 792	1,233 4,622	778 4,020	861 3, 501	742 3,003	$ 606 \\ 3,877 $	1,265 1,936	947 2, 042
		2, 101	0,000	4,010	4, 211	4,784	4,022	4,020	5, 501	3,003	5,611	1, 550	2,012
PORTLAND CEMENT													
Price, wholesale, compositedolls. per bbl	1.586	1.388	1.388	1, 388	1, 388	1.424	1.426	1.436	1.436	1,436	1.436	1.436	1.549
Productionthous. of bbl	8, 223 35, 9	7,835 34.2	8, 210 36, 9	7, 939 34. 6	6,462 29.1	4, 248 18, 5	2,958 12,9	2, 777 13, 4	3, 684 16, 1	4, 183 18, 9	$ \begin{array}{r} 6,262 \\ 27.4 \end{array} $	7,804 35.2	8,609 37.6
Percent of capacity	5,994	10,968	9,729	8,743	4,782	2,835	2,502	2,278	3, 510	4,949	6,709	7,979	8,697
Stocks, finished, end of monththous. of bbl Stocks, clinker, end of monththous. of bbl	22,077 6,470	19, 398 7, 175	17,878	17,084 6,093	18, 788 5, 938	20, 205 5, 995	20, 624 6, 092	21,125 6,422	21, 298 6, 890	20, 542 7, 146	20, 117 6, 769	19,936 6,840	19,848 • 6,832

New series. Earlier data not published on rubber heels and soles. For machine production of brick see p. 20 of the June 1933 issue.
Adjusted for degrading and year-end physical inventories.
Census Bureau has comparative summaries for 2 months only on structural clay products. Series not comparable over 13-month period.

· Revised.

October 1933

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933			1932						1933			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
STO	NE, C	LAY,	AND	GLA	SS PI	RODU	CTS-	-Contin	ued				
GLASSWARE, ETC.													
Glass containers: Productionthous. of gross Percent of capacitythous. of gross Shipmentsthous. of gross Stocks, end of monththous. of gross Illuminating glassware:*	2, 492 72, 3 2, 553 5, 033	1,660 49.1 ¢1,789 ¢5,871	1, 462 46. 8 2, 027 5, 167	1, 750 53. 8 1, 774 5, 123	1, 508 46. 4 1, 422 5, 247	1, 462 44. 9 1, 366 5, 343	1, 636 51. 3 1, 738 5, 244	1, 585 51. 8 1, 508 5, 325	1, 704 49. 5 1, 621 5, 406	1, 568 49, 2 1, 682 5, 305	1, 693 49. 1 1, 969 5, 036	2, 007 60. 5 2, 129 4, 893	2, 32 72. 8 2, 112 5, 103
Orders: New and contractnumber of turns		1, 020	1, 164	1, 151	1, 187	948	1,043	1, 049	1, 379	1, 300	2, 241	2, 145	1, 33
Percent of full operation Unfilled, end of monthnumber of turns		1, 455	1, 485	1, 363	1, 286	1, 222	1, 219	1, 280	1, 327	1, 390	2, 217	2, 324	2, 10
Production: Totalnumber of turns Percent of full operation			782	1, 090	1, 338	1, 144	795	1,010	1,008	1, 161	1, 484	1, 670	1,61
Shipments: Totalnumber of turns Percent of full operation Stocks, end of monthnumber of turns Plate glass, polished, production# thous. of sq.ift		1, 122 38. 7 5, 254	1, 087 37. 5 5, 063 3, 567	1, 279 44. 1 4, 799 4, 120	1, 260 43, 5 4, 852 4, 718	1, 083 37.4 4, 949 4, 268	986 34.0 4,480 6,472	1,006 35.4 4,397 5,186	1, 267 44. 6 4, 388 5, 112	1, 226 43. 2 4, 342 4, 893	1, 422 50, 1 4, 413 8, 286	2, 027 71. 4 4, 091 9, 946	1, 58 55. 4, 11 11, 82
GYPSUM *											.,		
Crude (quarterly): Imports			423, 139 159, 160 262, 812 31, 435 52, 441 3, 597 202, 332 19, 130			96, 374 199, 083 22, 951			61, 106 168, 931 18, 882 42, 442			3, 831 217, 274	
Quantityshort tons Valuethous. of dolls	182 21	1, 377 118	672 62	790 88	1, 365 96	1, 188 92	1, 306 79	292 26	2, 333 198	1, 105 67	1, 297 72	565 47	88
		•	техт	ILE 1	PROD	UCTS	3						
CLOTHING	1	1		1		1	1	1	1		[

		-											
CLOTHING	1			1				1					
Hosiery:*											1		
Orders:	1												
Newthous. of dozen pairs Unfilled, end of month		5, 595	6, 693	6, 582	5, 145	4, 185	3, 666	3, 860	5,006	5, 406	7, 547	8, 075	4, 684
thous, of dozen pairs		3, 360	4,043	4, 413	3,617	2,877	3,006	2,826	3, 109	3, 892	5,865	7, 155	5,939
Production thous. of dozen pairs		4, 117	5, 346	6,003	5, 680	4,695	4, 197	4,063	4,408	4,263	5,559	6, 115	5,075
Shipments, netthous. of dozen pairs Stocks, end of monththous. of dozen pairs		4, 311	5,760	6,006	5,645	4, 783	3, 516	4,047	4, 731	4,603	5,358	6, 537	5, 556
Stocks, end of month_thous. of dozen pairs		8, 818	8, 492	8, 154	8,070	8, 251	9,010	9,010	8,776	8,469	8,740	8, 390	7, 719
Men's and boys' garments cut: ‡													
Overcoatsthous. of garments Separate trousersthous. of garments		285	482	638	554	172	178	267	216	122	131	330	409 2, 089
Suitsthous. of garments		1,664	2,025	1,947	1, 495 964	1,164	1,390	1,436	1,676	1,844	2,106	2,401 1,807	2, 089 1, 68 1
Rubber clothing. (See Rubber products.)		1, 480	1, 734	1, 565	904	1,077	1, 450	1,850	1, 745	1, 593	1, 599	1,007	1,001
aubber clothing. (Bee Rubber products.)				f								1	
COTTON													
Consumption t	589	403	492	502	504	440	471	442	494	471	621	696	600
Exports:	000	100	100	002	001						0-1		
Quantity, exclusive of linters						•							
thous. of bales	531	452	734	1,008	1,012	1,040	794	557	488	436	592	615	692
Value. (See Foreign Trade.)										í			
Ginnings (total crop to end of month)		1		1									
thous. of bales	1, 394	865	4, 835	9, 246	11, 631	12, 086	12, 418		12, 710				171
Importsthous. of bales	10	7	7	4	9	11	21	16	13	7	8	14	12
Prices:			070		0.00	074		0.5.5	001	0.01	000	. 087	. 106
To producerdolls. per lb Wholesale, middling, N.Ydolls. per lb	. 088	.065	.072 .077	. 064	.059 .062	.054 .059	.056	.055 .061	.061	.061	. 082 . 086	.087	. 100
Wholesale, middling, N.Y	. 096	.074	.0//	.060	.002	/13,002	.062	.001	.070	.069	.080	.090	. 100
Production, crop estimatethous. of bales • 1 Receipts into sight §thous. of bales	12, 414 782	526	1,860	2,970	2,784	1,586	1.078	599	569	584	728	771	761
Stocks, end of month: †	182	0 <u>2</u> 0	1,800	2,970	2,784	1, 580	1,078	999	508	004	120	//1	101
Domestic, total mills and warehouses		-	-							ł			
thous, of bales.	6,946	7,638	9,056	11,094	12, 134	11,880	11.516	10,822	10, 250	9, 520	8,716	7,720	7,090
	1,160	1,090	1,087	1, 267	1, 457	1, 530	1,495	1,442	1, 343	1,368	1,395	1,401	1,351
Warehousesthous. of bales	5.786	6,548	7,969	9,827	10,677	10,350	10,021	9, 380	8,907	8,152	7,321	6,319	5,739
World visible supply, totalthous. of bales	7,254	7,602	8, 251	9,479	10, 518	10,552	10, 549	10, 182	9, 796	9, 560	9,014	8,341	7,713
American cottonthous. of bales	5,602	5,751	6, 534	7,783	8,884	8,878	8,759	8,403	7,977	7,613	7,042	6,429	5,908

Revised.
As of Sept. 1.
/ Final estimate.
§ Data for fiscal year 1932 revised August 1931, 331; September, 1,654; October, 4,121; November, 3,048; December, 1,838; January 1932, 1,570; February, 931; March,
881; April, 577; May, 352; June, 221. For revision of fiscal year 1933 see p. 52 of the September 1933 issue.
Partly estimated for months of 1933.
* New series. For earlier data on gypsum see p. 20 of the January 1933 issue.
For revisions for the year ended July 1932 see p. 20 of the February 1933 issue.

Öctober 1933

SURVEY OF CURRENT BUSINESS

Monthly statistics through December 1931,	1933			19	32					19	33		
together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
	<u> </u>	ТЕХТ	ILE 1	PROD	UCTS	Con	tinued		·	<u>.</u>	,	·	<u> </u>
COTTON MANUFACTUBES		1											
Cotton yarn: Carded sales yarn: Orders, unfilled, end of mothous. of lb Production (weekly average).thous. of lb Stocks, end of monththous. of lb Prices, wholesale:		1,798	35, 108 2, 534 10, 315	30, 592 2, 885 9, 533	28, 474 2, 531 10, 046	28, 901 2, 131 11, 099	27, 321 2, 225 11, 612	26, 459 2, 095 12, 072	29, 326 1, 720 11, 892	33, 455 2, 116 10, 481	38, 362 3, 047 9, 927	39, 974 3, 469 7, 717	
22/is, cones, Bostondolls. per lb 40/is, southern, spinningdolls. per lb Cotton goods:	. 361 . 548	. 183 . 264	. 208 . 288	. 196 . 281	.187 .271	. 174 . 270	. 168 . 270	. 163 . 270	. 175 . 276	. 179 . 278	. 216 . 306	. 251 . 345	.31 .41
Abrasive cloth. (See Paper Products.) Cotton cloth: Exports Imports	18, 213 1, 404	24, 157 1, 166	25, 227 1, 155	24, 010 1, 633	25, 379 2, 118	30, 479 2, 498	34, 332 2, 625	34, 215 2, 794	39, 475 4, 125	28, 150 3, 510	27, 384 4, 808	30, 178 3, 823	28, 70 3, 08
Rubber Products.) Prices, wholesale: Print cloth, 64 x 60dolls. per yd Sheeting, brown, 4 x 4 (Trion mill) dolls. per yd	}	. 039	.041	. 037	. 033	. 033	. 032	. 031 . 037	. 032	. 037	. 048	. 059	. 06 . 07
Cotton cloth finishing: Printed only (mills and outside): Production		64 480	87, 988 59, 040	87, 956 66, 633	69, 515 74, 850	79, 175 81, 933	88, 300 80, 097	93, 773 82, 272	95, 746 80, 446	74, 463 80, 765	88, 278 81, 740	100, 479 75, 395	90, 10 72, 90
Billings (finished goods) thous. of yd Operationspercent of capacity Orders, new, gray yardagethous. of yd Orders, unfilled, end of moday's prod Shipments (finished goods)cases Stocks, end of month (finished goods)		42 48, 994 2, 2	52, 247 57 58, 788 2, 2 26, 496	55, 594 62 51, 406 1, 9 28, 081	47, 956 49 45, 570 1. 1 24, 748	37, 674 41 55, 786 1, 6 19, 864	38, 282 55 52, 258 2. 1 25, 698	47, 503 67 55, 891 2, 7 28, 156	51, 148 60 61, 681 2, 1 30, 339	43, 006 60 58, 847 3. 0 28, 700	55, 018 68 72, 565 3. 0 34, 684	80, 782 84 140, 632 8, 8 51, 004	75, 84 7 93, 66 4. 48, 38
Spindle activity: † Active spindlesthousands Active spindle hours, totalmills. of hours Average per spindle in placehours Operationspercent of capacity	25, 885 7, 942 258	13, 285 22, 022 5, 539 175 72, 4	14, 896 23, 884 6, 866 218 94. 6	17,086 24,588 7,046 224 97.0	18, 684 24, 350 6, 967 221 96, 9	14, 590 23, 775 6, 386 203 87, 2	13, 407 23, 767 6, 788 217 95, 1	14, 919 23, 659 6, 286 202 95, 0	15, 768 23, 429 7, 048 227 93, 9	16, 104 23, 417 6, 569 212 95. 7	15, 418 24, 571 8, 310 268 112, 3	30, 580 25, 541 9, 299 301 129, 1	35, 43 26, 06 8, 12 26 117.
RAYON AND SILK Rayon:													
Importsthous. of lb Price, wholesale, 150 denier, "A" grade, N.Ydolls, per lb Stocks, imported, end of month thous. of lb	1, 126	400 . 55 286	502 . 60 240	517 . 60 228	425 . 60 225	285 . 60 226	221 .60 *242	351 .60 241	45 . 60 257	8 . 50 253	52 . 55 249	366 . 60 237	82 . 6 28
Deliveries (consumption)bales Imports, rawthous. of lb	42, 852 7, 828	59, 905 7, 134	59, 694 8, 564	53, 703 7, 331	43, 955 8, 066	40, 548 8, 301	46, 204 4, 988	32, 665 3, 402	38, 934 4, 254	41, 910 5, 660	47, 151 6, 404	53, 627 7, 732	20 44, 59 8, 39
Operations, machinery activity: Broad loomspercent of capacity Narrow loomspercent of capacity Spinning spindlespercent of capacity Prices, wholesale:		67.6 38.3 50.2	83. 7 43. 6 62. 0	84. 5 46. 8 61. 9	76. 2 45. 3 52. 2	83. 2 34. 2 55. 5	89.7 37.2 56.8	80. 6 36. 8 48. 9	56.6 36.3 38.2	59, 2 42, 2 49, 8	75.4 46.0 52.3	74. 8 53. 0 62. 8	82. 53. 78.
Raw, Japanese, 13-15, N. Y. dolls. per lb Silk goods, compositedolls. per yd		1.647 .92	1.805 .92	1. 673 . 92	1.562 .92	1.550 .91	1.305 .90	1.201 .89	1. 182 . 89	1.324 .92	1.586 .95	2. 155 . 98	2. 27 1. 0
World, visible supplybales United States: At manufacturersbales At warehousesbales	23,092	24, 951	249, 258 22, 250 49, 393	246, 450 22, 826 54, 465	258, 280 24, 336 57, 932	282, 616 22, 443 62, 837	256, 142 23, 406 69, 747	239, 864 22, 074 60, 459	237, 236 20, 243 43, 814	234, 523 21, 151 43, 038	224, 425 20, 243 40, 125	218, 923 22, 190 33, 933	243, 52 21, 45 51, 68
WOOL													
Consumption, grease equivalent_thous. of lb_ Imports, unmanufactured sthous. of lb Operations, machinery activity: Combspercent of capacity	55, 694 40, 060 113	41, 361 693 85	46, 055 1, 554 106	42, 423 4, 468 100	38, 963 5, 408 82	36, 532 4, 977 92	35, 510 5, 134 84	33, 278 4, 864 87	24, 943 4, 451 55	28, 701 6, 140 62	46, 898 3, 179 107	58, 688 10, 898 134	57, 37 31, 40 13
Looms: Carpet and rugpercent of capacity Narrowpercent of capacity Widepercent of capacity Spinning spindles:	45 51 87	19 26 60	24 36 65	29 43 66	28 42 59	23 33 58	23 36 59	23 36 68	22 28 43	25 29 42	31 46 66	44 53 87	4 5 9
Woolenpercent of capacity Worstedpercent of capacity Prices, wholesale:	99 83	59 57	70 74	73 73	60 58	55 57	59 56	60 57	42 32	53 35	77 72	100 92	10 9
Raw, territory, fine, scoureddolls. per lb Raw, Ohio and Penn. fleecesdolls. per lb Suiting, unfinished worsted, 13 oz. (at mill) dolls. per yd	. 80 . 37 1. 765	. 39 . 16 1. 135	. 48 . 23 1. 175	. 47 . 22 1. 175	. 45 . 21 1. 175	. 44 . 20 1. 175	. 44 . 20 1. 175	. 43 . 19 1. 175	. 44 . 19 1. 175	. 49 . 20 1. 163	. 63 . 29 1, 395	. 70 . 32 1. 550	.7 .3 1.61
Women's dress goods, French serge, 54" (at factory)	1.065 1.18	. 750 . 76	.750 .85	. 750	. 750 . 85	. 750	. 750	. 750	. 750	. 750 . 83	. 780	. 925 1. 09	.97
doils. per 1b Receipts at Boston, totalthous. of lb Domesticthous. of lb Foreignthous. of lb	61, 303 45, 593 15, 710	42, 909 42, 764 145	28, 281 28, 209 72	17, 556 16, 960 596	11, 858 11, 136 722	5, 927 5, 063 864	8, 978 7, 991 987	9, 281 8, 384 897	4, 657 4, 032 625	6, 835 6, 544 291	17, 630 17, 415 215	54, 510 52, 995 1, 515	1, 1 83, 31 70, 87 12, 44
MISCELLANEOUS PRODUCTS													
Burlaps and fibers, imports: Burlapsthous. of lb Fiberslong tons	50, 203 20, 523	29, 931 24, 457	23, 114 25, 737	22, 403 23, 323	31, 340 21, 895	29, 064 21, 344	28, 865 22, 937	22, 413 17, 521	34, 842 25, 118	27, 284 12, 307	30, 192 20, 079	34, 251 17, 820	34, 49 23, 80

Revised.
For revisions for the year ended July 1932 see p. 20 of the February 1933 issue.
Data for 1932 revised. For revisions for full year 1932 see p. 53 of the June 1933 issue.

October 1933

Monthly statistics through December 1981,	1933			1932						1933			
together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
		TEXI	TLE :	PROD	UCTS	6—Cor	ntinued					<u> </u>	
MISCELLANEOUS PRODUCTS-Con. Buttons and shells:													
Buttons: Imports, total §thous. of gross From Philippinesthous. of gross Fresh-water pearl:	93 62	93 87	69 66	50 47	72 67	77 64	88 49	73 57	71 58	75 61	98 74	86 74	114 77
Productionpercent of capacity	779 713 3, 264 5, 137	30, 3 7, 939 751 184 609 518 2, 879	39. 2 7, 340 271 219 516 774 4, 016	46. 3 7, 136 285 1, 063 850 3, 233	45. 2 7, 194 413 360 599 731 1, 688	38. 0 8, 025 741 214 586 605 1, 275	$\begin{array}{r} 40.\ 0\\ 7,\ 971\\ 684\\ 677\\ 864\\ 663\\ 1,\ 547\end{array}$	41. 3 7, 751 297 267 1, 356 656 1, 498	36. 2 7, 325 3, 255 394 1, 087 619 1, 473	43. 2 7, 132 200 181 865 615 2, 053	51.3 6,938 567 549 1,176 820 3,288	54.26,7921721201,9831,0933,663	49. 0 5, 983 815 150 3, 236 1, 301 3, 860
Orders, unfilled, end of month thous. of linear yd Pyroxylin spreadthous. of linear yd Shipments, billedthous. of linear yd	NELL NORSEN	1, 785 1, 959 1, 881	1, 996 2, 403 2, 410	2, 096 2, 216 2, 282	1, 779 1, 855 1, 783	1, 675 1, 862 1, 791	2, 175 2, 121 1, 956	2, 188 2, 374 2, 128	1, 992 2, 333 2, 079	2, 699 3, 039 2, 781	2, 753 3, 920 3, 760	3, 745 4, 450 4, 202	3, 195 4, 348 4, 280
	ŋ	FRAN	SPOR	TATI	ON E	QUIP	MENI	C					
AIRPLANES Production, totalnumber		101	118	111	98	125	87	92	119	106	122	143	
Commercial (licensed)		101 59 18 24	58 29 31	48 21 42	34 20 44	125 37 49 39	87 35 27 25	92 21 30 41	44 45 30	62 27 17	66 35 21	143 78 48 17	
AUTOMOBILES Exports:													
Canada: Automobiles, assemblednumber Passenger carsnumber United States: Autos and parts, value. (See Foreign	1, 714 1, 233	1, 523 1, 368	1, 654 1, 108	2, 416 2, 124	1, 338 1, 163	1, 090 833	475 289	256 169	1, 601 1, 558	1, 256 936	2, 690 2, 194	2, 247 1, 805	1, 731 1, 220
Trade.) Automobiles, assembled, total §number Passenger cars §number Trucks §number	10, 308 6, 516 3, 792	4, 937 2, 893 2, 044	5, 654 3, 053 2, 601	4, 282 1, 733 2, 549	3, 115 1, 762 1, 353	4, 97 8 2, 757 2, 221	10, 143 7, 059 3, 084	8, 657 5, 521 3, 136	8, 056 5, 528 2, 528	8, 318 5, 662 2, 656	7, 538 5, 093 2, 445	7, 235 4, 757 2, 478	9, 128 5, 546 3, 582
Financing: Retail purchasers, totalthous. of dolls New earsthous. of dolls Used carsthous. of dolls Unclassifiedthous. of dolls		45, 069 24, 645 18, 909 1, 516	38, 837 21, 551 15, 989 1, 297	33, 624 17, 644 15, 036 943	27, 727 13, 981 12, 834 913	27, 025 14, 091 12, 174 760	• 31, 280 • 18, 328 • 12, 174 779	• 29, 189 • 16, 842 • 11, 725 621	a 33, 547 19, 464 a 13, 335 748	^a 45, 337 28, 226 ^a 16, 107 1, 005	^a 58, 193 37, 475 ^a 19, 428 1, 289	65, 514 43, 004 21, 182 1, 328	60, 135 43, 334 20, 542 1, 259
Wholesale (manufacturers to dealers) thous. of dolls Fire-extinguishing equipment:		22, 104	18, 677	13, 132	11, 774	20, 131	30, 134	37, 515	27, 706	40, 841	55, 006	56, 938	58, 309
Shipments: Motor-vehicle apparatusnumber Hand types Production:	20 21, 183	23 13, 708	26 14, 453	17 12, 089	14 11, 695	21 10, 047	14 10, 749	24 11, 841	28 12, 870	31 12, 415	18 16, 401	25 22, 642	21 19, 495
Automobiles: Canada, totalnumber Passenger carsnumber Passenger carsnumber Taxicabsnumber Trucksnumber Automobile rimsthous. of rims Registrations, new passenger cars tnumber	195, 076 68 41, 336 961	4, 067 3, 166 90, 325 75, 898 9 14, 418 a 233 93, 457	2, 342 1, 741 84, 150 64, 735 13 19, 402 198 81, 893	$\begin{array}{c} 2,923\\ 2,361\\ 48,702\\ 35,102\\ 5\\ 13,595\\ 237\\ 63,195\end{array}$	$\begin{array}{c} 2,204\\ 1,669\\ 59,557\\ 47,293\\ 239\\ 12,025\\ 455\\ 44,358\end{array}$	$\begin{array}{c} 2,139\\ 1,561\\ 107,353\\ 85,858\\ 291\\ 21,204\\ 559\\ 45,683\end{array}$	$\begin{array}{r} 3,358\\ 2,921\\ 130,044\\ 108,321\\ 5\\ 21,718\\ 727\\ 79,821 \end{array}$	$\begin{array}{r} \textbf{3, 298} \\ \textbf{3, 025} \\ \textbf{106, 825} \\ \textbf{91, 340} \\ \textbf{152} \\ \textbf{15, 333} \\ \textbf{580} \\ \textbf{69, 464} \end{array}$	6, 632 5, 927 117, 949 99, 225 660 18, 064 347 78, 741	$\begin{array}{r} 8,255\\ 6,957\\ 180,667\\ 152,939\\ 411\\ 27,317\\ 898\\ 119,909\end{array}$	9,3968,024218,303184,6445433,605938160,242	7, 323 6,005 253, 322 211, 448 35 41, 839 1,015 174, 190	6, 540 5, 322 233, 088 195, 019 4 38, 065 890 185, 660
Sales (General Motors Corp.): To consumersnumber To dealers, totalnumber U.S. dealersnumber Bhipments, accessories and parts, total †	86, 372 97, 614 84, 504	37, 230 30, 419 24, 151	34, 694 30, 117 23, 545	26, 941 10, 924 5, 810	12, 780 5, 781 2, 405	19, 992 53, 942 44, 101	50, 653 82, 117 72, 274	42, 280 59, 614 50, 212	47, 436 58, 018 45, 098	71, 599 86, 967 74, 242	85, 969 98, 205 85, 980	101, 827 113, 701 99, 956	87, 298 106, 918 92, 546
Jan. 1925=100 Accessories, original equipment Jan. 1925=100		35 24	35	39 26	45 36	51 48	51 46	50 45	41 33	64 59	71 64	81 73	76 68
Accessories to wholesalersJan. 1925=100 Replacement partsJan. 1925=100 Service equipmentJan. 1925=100 RAILWAY EQUIPMENT		47 94 40	22 56 99 43	85 91 36	36 73 86 31	54 76 28	46 84 36	40 84 34	42 87 32	46 106 38	56 118 50	99 129 50	83 119 47
Equipment condition: Freight cars owned: Capacitymills. of lb Number, totalthousands Bad order, totalnumber Percent of total in bad order	2,061	202, 196 2, 149 253, 608 11, 9	201, 594 2, 141 262, 153 12, 4	201, 326 2, 138 268, 170 12, 7	201, 055 2, 134 265, 239 12, 6	200, 547 2, 127 266, 066 12, 6	200, 250 2, 123 266, 594 12. 7	198, 997 2, 106 269, 378 12, 9	198, 652 2, 101 274, 368 13. 2	198, 158 2, 095 286, 987 13. 8	197, 664 2, 088 303, 758 14. 7	$196,733 \\ 2,077 \\ 316,107 \\ 15.4$	^a 196, 059 2, 069 316, 437 15, 4
Locomotives, railway: Owned: Tractive powernumber A waiting classified repairsnumber Percent of total Installednumber Retirednumber	2,390 51,058 11,000 21.9 73 248	2, 458 53, 192 8, 396 16, 2 62 133	2, 448 52, 936 8, 875 17, 1 31 287	2, 444 52, 791 9, 190 17. 8 47 193	2, 439 52, 650 9, 316 18. 0 32 173	2, 435 52, 490 9, 558 18. 5 36 196	2, 432 52, 401 10, 014 19, 4 31 120	$2, 428 \\ 52, 237 \\ 10, 290 \\ 20, 0 \\ 57 \\ 221$	2, 423 52, 081 10, 545 20, 6 41 197	$2, 422 \\ 52, 020 \\ 10, 743 \\ 21, 2 \\ 44 \\ 105$	2, 410 51, 654 11, 103 21, 9 43 410	2, 407 51, 537 11, 203 22, 2 89 • 355	2, 396 a 51, 233 11, 109 22, 1 23 322
Passenger cars: On railroads (end of quarter)number Equipment manufacturing: Freight cars:			49, 310			48, 988			48, 599				
Orders, new, placed by railroadscars. Orders, unfilled, totalcars. Equipment manufacturerscars. Railroad shopscars. Shipments, totalcars. Domesticcars.	$130 \\ 1, 129 \\ 0 \\ 1, 129 \\ 427 \\ 392$	16 1, 404 0 1, 404 44 19	1, 285 1, 275 0 1, 275 1 1	0 2, 465 0 2, 465 0 0	2,398 0 2,398 12 12 12	$50 \\ 2, 431 \\ 50 \\ 2, 381 \\ 15 \\ 14$	$ \begin{array}{c c} 3\\2,223\\1\\2,222\\3\\3\end{array} $	0 1, 974 0 1, 974 15 15	6 1, 873 0 1, 873 9 9	$ \begin{array}{r} 50\\ 1,561\\ 0\\ 1,561\\ 0\\ 0\\ 0 \end{array} $	8 1, 205 0 1, 205 3 3	$500 \\ 1, 205 \\ 0 \\ 1, 205 \\ 2 \\ 2 \\ 2$	66 1, 187 0 1, 187 165 120

• Revised. § Data revised for 1932. For revisions for full year 1932 see p. 54 of the June 1933 issue. † Revised series. See p. 19 of the August 1933 issue for earlier data on fire extinguishers and passenger-car registrations Earlier data on accessories and parts not published. • Preliminary.

Sctober 1933

SURVEY OF CURRENT BUSINESS

Monthly statistics through December 1931,	1933			1932						1933	<u></u>		
together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
	FRAN	SPOR	TATI	ON E	QUIP	MENT	Γ—Cor	tinued		· · · · ·	·	·	`
BAILWAY EQUIPMENT-Continued				<u> </u>									
Equipment manufacturing—Continued Locomotives, industrial electric (quarterly): Shipments, totalnumber			12			14			13			26	
Mining usenumber Locomotives, railway:			12			14			12			26	
Orders, new, placed by railroads_number Orders, unfilled, end of month Equipment manufacturers (Census)	0	0	0	0	0	1	4	2	0	0	2	0	11
totalnumber Domestic, totalnumber Electricnumber	79 77 75	111 105 104	98 96 95	86 86 85	78 78 77	73 73 72	71 71 70	a 70 a 70 a 68	69 69 67	68 68 67	70 67 66	$ \begin{array}{r} 71 \\ 68 \\ 66 \end{array} $	80 77 75 2 1
Steamnumber Railroad shops (A.R.A.)number Shipments:	$2 \\ 1$	1 5	1 4	1 3	1 3	1 3	$\frac{1}{3}$	2 3	2 3	1 3	1 1	$\frac{2}{1}$	2 1
Domestic, totalnumber Electricnumber Steamnumber	$2 \\ 1 \\ 1$	9 9 0	9 9 0	10 10 0	8 8 0	6 6 0	2 2 0	₿3 83 0	2 2 0	1 0 1	1 1 0	0 0 0	0 0 0
Exports, totel§number Electric§number	$11 \\ 8 \\ 3$	$1 \\ 0$	2 2	12 12	2 2	6 6	0	2 2	9 4	5 5	5 5	11 7	8 8
Steamnumber Passenger cars: Orders, new, placed by railroads_number		1 0	0	0	0 0	0 0	0 0	0 0	5 4	0	0 0	4 0	0
Orders, unfilled (end of quarter)_number Shipments, totalnumber Domesticnumber	0	0 0	47 0	0	0 0	15 0 0	0	0	4 0 0	0	0 0	0	4 4
ELECTRIC TRUCKS AND TRACTORS													
Shipments, industrial, totalnumber Domesticnumber Exportsnumber	51 51 0	19 19 0	16 16 0	31 27	$12 \\ 12 \\ 0$	13 13 0	21 21 0	27 27 0	38 38	$\begin{array}{c} 12\\11\\1\end{array}$	22 22 0	$52 \\ 52 \\ 0$	57 57
SHIPBUILDING		0	0	*	Ū	0	Ū	U	0	1	0	U	0
United States: Merchant vessels under construction									-				
thous. of gross tons Completed during monthtotal gross tens Steeltotal gross tons	5, 673 1, 867	2,697 240	94 10, 273 9, 601	87 22, 795 19, 834	18 39, 179 36, 733	18 7, 698 5, 888	$22 \\ 15,944 \\ 13,741$	24 9, 338 8, 531	14 41, 213 37, 537	12 2, 885 1, 578	18 9, 474 7, 246	2,794 35 35	$ \begin{array}{r} 38 \\ 5, 264 \\ 319 \end{array} $
World (quarterly): Launched:			53	ŕ		58			55	,	.,	83	
Numberships Tonnagethous. of gross tons Under construction: Numberships.			188 192			213 203			93 232			79 209	
Tonnagethous. of gross tons.			901			766	i		741			732	
		C.	ANAD	IAN	STAT	ISTIC	s						
Business indexes: * Physical volume of business1926=100	89.8	78.1	77.1	75.3	75.8	72.6	68.1	67.0	68.4	69.8	76.4	82. 2	84.1
Industrial production, total1926=100 Construction	89.5 25.5 168.0	73.6 37.1 137.1	71.9 31.5 128.0	70.4 30.7 127.8	71.8 39.4 134.4	67.7 19.5 131.3	62. 2 25. 2 131. 6	60.9 20.3 136.1	62.5 16.1 134.4	$\begin{array}{c} 65.1 \\ 20.6 \\ 134.9 \end{array}$	72, 7 14, 1 138, 9	$79.8 \\ 19.6 \\ 149.0$	82.6 34.0 160.7
Manufacturing	. 96.9 . 94.0 . 95.7	75.5 59.6 84.8	74.3 60.5 89.5	70.6 64.7 99.3	72.3 65.8 86.4	70.2 60.0 90.5	62.2 63.4 80.5	58.7 59.8 94.2	62.7 60.7 91.4	67.0 63.7 81.9	77.4 75.7 93.4	85.7 79.2 95.0	88. 2 87. 0 78. 3
Distribution	90.5 67.9 65.1	90.4 64.3	91.3 68.1 64.6	83.8 59.8 66.4	86.9 60.1 47.3	86.1 58.4 47.5	84.3 56.1 56.6	83.8 57.9 49.6	84.8 61.8 51.1	82.9 59.4 47.9		88. 9 66. 8	88.4 62.6
Imports (volume) $1926 = 100$. Trade employment $1926 = 100$.	65.0 112.7	63.8 115.3	64.7 114.3	67.5 113.7	70.6	59.8 113.4	52.4 111.5	50.8 110.9	50.0 110.5	44, 2 110, 1	54.8 110.3	$\begin{array}{c} 65.3\\56.7\\112.2\end{array}$	71.5 59.7 111.9
Agricultural marketings	197. 2 224. 6 74. 5	196. 6 222. 6 79. 9	189. 0 213. 9 77. 1	83.8 87.4 67.4	62.3 59.5 74.5	59. 1 56. 6 70. 3	56, 1 52, 5 71, 9	76.5 75.9 79.4	129.0 140.2 77.8	$104.1 \\ 109.7 \\ 79.2$	95.4 98.3 82.5	$221.9 \\ 252.5 \\ 84.8$	136.3 148.5 81.2
Commodity prices: Cost of living index	69.4	81.4	81.1 ° 65.9	80. 4 65. 0	80.4 4 64.7	80. 0 64, 0	79.7 63.9	79.0 63.6	78.4 64.4	$78.6 \\ 65.4$	77.6	77.6 67.6	77. 8 70. 5
Employment, total (first of month).1926=100 Construction and maintenance1926=100 Manufacturing	87.1 88.4 85.2	86, 3 90, 0 82, 6	86.0 84.4 83.1	86.7 84.3 84.1	84.7 77.9 81.7	83, 2 67, 6 80, 3	78.5 58.5 74.4	77.0 56.2 75.0	76.9 56.5 75.8	76. 0 54. 7 76. 0	$77.6 \\ 60.8 \\ 76.8$	80.7 67.8 80.0	84. 5 78. 2 83. 0
Mining1926 = 100. Service1926 = 100.	97.4 111.8	94.8 117.0 113.8	96.5 119.4	98. 2 109. 8 114. 5	101. 2 106. 5 115. 4	99.9 103.7 117.8	96.9 102.2 119.6	94.0 104.2	94.6 102.9	91.4 102.5	89.9 99.9	91.4 106.2	93.1 111.5
Trade	110.5 81.2		113.1 86.5	87.2	84.5	83.9	78.3	109. 4 75. 0	107.3 74.1	$107.6 \\ 74.2$	108.6 78.9	109. 1 79. 0	111.8 80.5
Banking: Bank debitsmills. of dolls Exchange. (See Finance.)	2, 649	2, 116	2, 098	2, 367	2, 466	2, 085	1, 969	1, 830	1, 887	1, 877	2, 650	2, 982	3, 528
Commercial failures *	95. 0	103.3 188	101, 9 193	98. 1 199	102.3 229	102.7 196	99.2 216	98.7 214	100. 0 192	$\begin{array}{c} 101.3\\184 \end{array}$	98. 1 175	97. 1 158	96.7
thous. of dolls Security issues and prices: New bond issues, totalthous, of dolls	27, 263 94, 790	28, 370 59, 529	25, 207 71, 103	29, 858 106, 046	34, 003 45, 094	33, 483 178	29, 367 19, 987	26, 323 425	29, 763 731	29, 770 10, 707	30, 497 11, 173	32, 398 122, 892	30, 255 74, 958
Corporationthous. of dolls Dominion and provincial thous. of dolls	500 80,000	360 55, 980	180 68, 350	125 104, 275	825 35, 000	0 0	0 19,000	0 0	625 0	0 0	485 7, 815	1, 110 117, 474	0 68, 350
Municipalthous, of dolls Railwaysthous, of dolls	14, 290 0 4, 55	3, 189 0 4. 95	2, 573 0 4. 88	1, 646 0 4. 70	9, 269 0 4. 90	178 0 4.92	987 0 4.75	425 0 4.73	106 0 4. 79	10, 707 0 4. 85	2,873 0 4.70	4, 308 0 4. 65	5, 608 1, 000 4. 63
Bond yieldspercent Common stock prices, total1926=100 Banks1926=100 Industrials1926=100	78.7 75.2	59.0 73.9	63. 0 76. 1	54.8 74.4	53.4 69.6	51.3 67.5	51.6 67.5	47.6 65.5	47.3 62.3	51. 9 59. 8	$\begin{array}{c} 63.7 \\ 64.6 \end{array}$	74. 7 72. 7	83. 3 79. 6
Industrials	113. 3 53. 9	69. 9 51. 9	73.8 56.9	63. 1 49. 1	62.5 46.6	58.4 45.1	59.6 44.6	56.3 38.6	57.3 38.2		85. 8 47. 2	$ \begin{array}{r} 103.6 \\ 53.8 \end{array} $	118.3 58.5

• Revised. * New series. For earlier data see p. 18 of the February 1933 issue (business indexes) and p. 20 of this issue (commercial failures). 5 Data revised for 1932. For revision for full year 1932 see p. 55 of the June 1933 issue.

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October 1933

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933			1932						1933			
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	August	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April	May	June	July
	С	ANAI	DIAN	STAI	TISTIC	CS-C	ontinue	d					
Foreign trade: Exportsthous. of dolls Importsthous. of dolls Exports, volume: Automobiles. (See Transportation Equip.) Newsprint. (See Paper and Paper Prod-	45, 135 38, 747	41, 855 36, 527	42, 665 34, 504	57, 160 37, 095	46, 621 37, 769	43, 109 28, 961	32, 000 24, 441	26, 814 23, 514	37, 161 32, 851	20, 312 20, 457	46, 109 32, 927	46, 472 36, 619	51, 866 35, 738
ucts.) Wheat dourthous. of bu Wheat flourthous. of bbl Trade with U.S. (See Foreign Trade.)	8, 653 480	18, 290 330	26, 874 385	40, 192 529	27, 302 577	27, 736 492	14, 707 397	10, 922 333	14, 816 490	4, 460 234	21, 465 565	16, 999 545	16, 374 493
Railway statistics: Carloadingsthous. of cars Financial results:	186	176	216	212	193	153	134	133	157	138	161	176	163
Operating revenuesthous. of dolls Operating expensesthous. of dolls Operating incomethous. of dolls		23, 100 21, 922 268	28, 988 22, 254 5, 949	28, 190 20, 839 6, 385	24, 276 19, 308 4, 057	21, 902 19, 434 1, 904	17, 643 18, 528 d 1, 813	16, 788 17, 881 4 2, 073	20, 612 19, 161 520	19, 530 18, 072 351	21, 447 19, 298 1, 136	24, 310 20, 344 3, 071	
Freight carried 1 milemills. of tons Passengers carried 1 mile		1, 572	3, 043	2, 607	2, 181	1, 740	1, 388	1, 302	1, 712	1, 413	1, 529	2, 133	
Commodity statistics: Production: Automobiles. (See Transportation Equip.) Electrical energy, central stations		138	122	96	90	130	95	88	97	105	100	141	
Pig ironthous. of long tons Steel ingots and castings	1, 508	1, 230 6	1, 279 6	1, 390 7	1, 448 14	1, 433 27	1, 397 29	1,300 6	1, 371 0	1, 295 0	1,349 0	1, 371 1	1, 443 32
thous. of long tons Livestock, inspected slaughter:		. 27	23	17	37	31	41	12	11	11	23	32	49
Cattle and calvesthous. of animals Swinethous. of animals Sheep and lambsthous. of animals Newsprint. (See Paper and Paper Prod- ucts.) Silver. (See Finance.)	99 187 101	79 189 86	82 166 101	78 189 148	80 250 119	60 268 49	71 247 49	65 220 36	89 250 42	97 232 30	116 279 30	91 235 56	88 191 72
Wheat, visible supply. (See Foodstuffs.) Wheat flourthous. of bbl		1, 272	1, 385	1, 722	1, 943	1, 010	859	845	1, 005	1, 013	1, 334	1, 186	1, 323

d Deficit.

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Public utilit	8		34,35,8
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Foreign Commerce and Navigation

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United States For the Calendar Year 1932

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General foreign trade summary, fiscal years 1910–14, calendar years 1925–32 Foreign trade by grand divisions, fiscal years 1910–14, calendar years 1925–32

Total values of exports and general imports of merchandise, by countries, calendar years 1930-32

Total values of domestic and foreign exports and free and dutiable general imports, by countries, calendar year 1932

Total values of exports and general imports of merchandise, by customs districts, calendar years 1928-32, and duties collected 1932

Total values of exports of foreign merchandise, by customs districts, calendar years **1928–32**

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