## SURVEY

**OF** 

# CURRENT BUSINESS



# UNITED STATES DEPARTMENT OF COMMERCE

BUREAU OF FOREIGN AND DOMESTIC COMMERCE
WASHINGTON

**VOLUME 13** 

NUMBER 7

#### EXPLANATORY

The Survey of Current Business is designed to present each month the available statistical measurements of economic activity, together with the necessary analytical comment, which will enable readers to obtain a comprehensive picture of the business situation. Certain of the more important series are presented in graphic form so that the trend of the major indicators can be readily determined. In order to get the monthly statistics to subscribers more quickly, and to bring the material up to date with current weekly statistics, a 4-page supplement is furnished each week as part of the threefold service of the Survey. Libraries should note that all of the statistics presented in the weekly supplement are not republished in the monthly numbers. It is important, therefore, that these supplements be preserved and bound with the monthly issues if the entire record is to be complete.

Over 2,100 series of data, gathered from more than 200 organizations, are presented regularly each month. Most of the statistics are not compiled by the Survey, but represent a careful selection of material available from all sources. The chief function of this publication is to bring together in usable form the statistics which, if published at all, are scattered in hundreds of different publications and reports, and to aid in the proper analysis and interpretation of the figures. The Survey of Current Business compiles the indexes of domestic and world stocks, new and unfilled orders, agricultural, livestock, and forest-products marketings, foreign trade, 5- and 10-cent store sales, and department store sales by districts.

#### SOURCES OF DATA

The sources and inclusiveness of the data in the table "Monthly Business Statistics" will be found either in the explanatory footnotes covering each series in the 1932 Annual Supplement to the Survey, or on the indicated pages of the monthly issues. These latter refer to new material added since the 1932 Annual Supplement was published. The data given in these footnotes should always be kept in mind when utilizing the statistics carried in each monthly number. Sources of the weekly statistics are given on page 20 of the July, 1932, issue of the Survey, and in somewhat more detail on page 4 of the August 4, 1932, issue of the Weekly Supplement to the Survey.

#### HISTORICAL DATA

In the 1932 Annual Supplement to the Survey of Current Business, the statistical series presented currently are carried back on a monthly basis to 1923, and on a yearly basis to 1913, where available. The statistics therein have been carefully reviewed and revised and supersede those carried in the 1931 Annual Supplement as well as those in the semiannual numbers issued prior to 1931. The December issue contained the first major revision of material since the 1932 supplement was issued. A list of the series dropped, as well as of the

new data added, may be found on page 56 of this issue. Earlier data for the new series, if published, may be found on the indicated pages of the monthly numbers.

Since the reduction in printing funds makes it impossible to publish the 1933 Annual Supplement, subscribers may find it convenient to keep the March 1933 issue posted up to date with the latest revisions and to fill in any 1932 data which were missing at the time of publication. They will thus have a complete 1932 record in this one issue.

Monthly data prior to 1923 will be found in the early issues of the Survey and, in the Record Book of Business Statistics, data on textiles, metals and machinery, fuels, automobiles, and rubber are carried back to 1909 on a monthly basis, where available. These record books should not be used for data later than 1922, and the monthly data should be checked against the annual averages given in the 1932 Annual Supplement to assure the continuity of the series and to obtain any necessary corrections. The three parts of the Record Book may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D.C., for 10 cents each, or 30 cents for the set.

#### **INDEX NUMBERS**

To facilitate comparisons of the movement of important series over a period of time, index numbers have been used in numerous instances throughout the Survey. In brief, these index numbers simply express the current movement with relation to a fixed base—usually the monthly average of the years 1923–25. The construction of these index numbers is described in brief in the annual supplement.

#### SEASONAL ADJUSTMENT OF INDEXES

Seasonal variations are found in most economic series for which monthly statistics are obtainable. Consumption and production of commodities, foreign trade, retail trade, employment, construction, railroad freight traffic, and many other types of data are marked by seasonal swings repeated with minor variations year after year. These are definitely periodic in character within a 12-month period. In cases where an adjustment is noted for a series carried in the Survey, the index has been corrected for the number of working or business days in the various months, and then adjusted for seasonal variation. The index figures thereby become comparable throughout the series.

#### **METHODS OF USE**

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

### WEEKLY DATA THROUGH JUNE 24, 1933 MONTHLY DATA THROUGH MAY

## SURVEY OF CURRENT BUSINESS

#### PUBLISHED BY

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

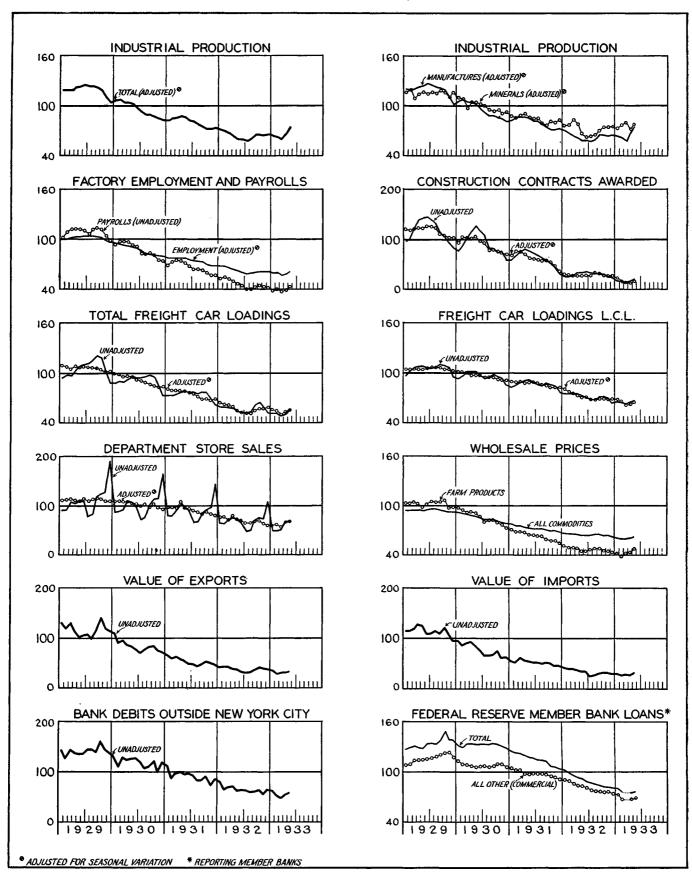


#### CONTENTS

SUMMARIES AND CHARTS		STATISTICAL DATA—Continued	
Pag	įе	Monthly business statistics:	Page
Business indicators	2	Business indexes	22
Business situation summarized	3	Commodity prices	23
Comparison of principal data, 1929 to 1933	4	Construction and real estate	24
Commodity prices	5	Domestic trade	25
Domestic trade	6	Employment conditions and wages	
	7	Finance	
Employ mode	-	Foreign trade	
1 Manager 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8	Transportation and communications	34
Foreign trade	9	Statistics on individual industries:	
Real estate and construction	LO O	Chemicals and allied products	
Transportation	11	Electric power and gas	
		Foodstuffs and tobacco	39
Survey of individual industries:		Fuels and by-products	42
Automobiles and rubber	12	Leather and products	43
Chemicals	13	Lumber and manufactures	44
Farm and food products	14	Metals and manufactures:	
Forest products	15	Iron and steel	45
Iron and steel		Machinery and apparatus	47
Textiles		Nonferrous metals and products	48
1 CALIFORNIA	.,	Paper and printing	49
		Rubber and products	
STATISTICAL DATA		Stone, clay, and glass products	
New and revised series:		Textile products	
Life insurance—		Transportation equipment	
Admitted assets	18	Canadian statistics	
New business written	20	Index of revisions made in December 1932 and June 1933 issues	56
Weekly business statistics	21	General index Inside back c	over

### **Business Indicators**

1923 - 25 = 100



### **Business Situation Summarized**

B USINESS activity continued to expand during June, and the adverse seasonal influences usually manifest at this time have so far failed to halt the upward movement. Production was considerably higher in May and June than in the corresponding months of 1932, and in the latter period reached the highest level since the middle of 1931. Steel ingot production has increased to 50 percent of capacity. Automobile schedules have currently been revised upward, and June output is expected to exceed the May total which was the largest since July 1931. Electric power production continues to indicate extensive gains in manufacturing activity; lumber production has improved steadily; and the industries producing the major lines of consumers' goods have maintained their high May schedules. Output of a number of important industries was higher in the first 5 months of 1933 than in the corresponding period of 1932.

Employment and pay-roll gains have lagged considerably behind the increases in production. While factory employment and pay rolls both increased last month, and the upward trend continued in June, the indexes in May were below the low level of a year ago. Average hourly factory earnings during the month also were at a new low point. The American Federation of Labor estimates the number of unemployed in June at over eleven and a half million.

Available indexes of consumer purchasing indicate for the most part that goods are not moving into consumption as fast as they are being produced. The rise in such industries as textiles and tobacco manufacturing is much too large to be accounted for by any increase that may have occurred in consumer purchasing to date. However, stocks of finished goods in the hands of distributors have been low for a considerable period and a more active demand would require some upbuilding of such stocks.

Department store sales in May were slightly less than in the preceding month, and the adjusted index remained unchanged. Freight-car loadings in June increased to the highest point of the year, and the spread in comparison with last year has widened so that in the latest week reported, loadings were 13 percent higher than in the same week of 1932.

Construction contracts awarded during the first half of June were higher than for the same period of May, although the total remained very low.

Wholesale prices moved higher in June for the fourth consecutive month. Stock prices have been irregular, but the large gains of the preceding 2 months have been held. Bond prices have been steady, following the sharp improvement in May. Money rates for short term commitments continue extremely low.

Foreign trade improved in May, contrary to the usual seasonal trend. The increase in exports was due mainly to heavy shipments of cotton at higher prices, but for imports the increase was the result of gains in a wide range of commodities.

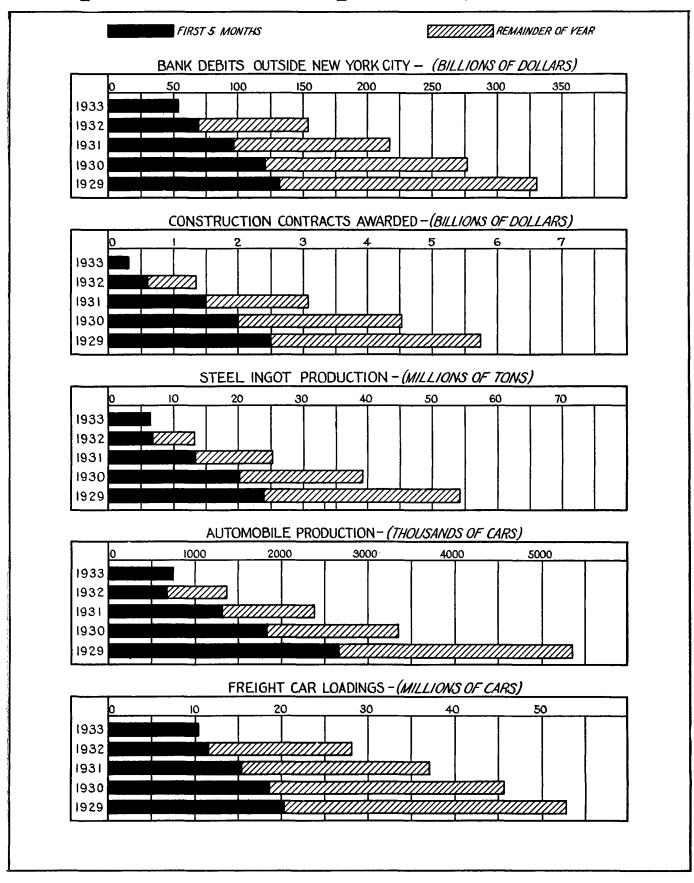
#### MONTHLY BUSINESS INDEXES

		Ind	lustrial	produ	etion		ploy	ry em- ment ay rolls	Fre	ight-ca	r loadi	ngs	store	tment sales, lue	trade.	eign value, sted ²	New	ets, all	ex, 784
	Un	adjus	ted 1	A	djusted	1 2	ploy-	rolls,	To	tal	Merc dise,						outside City	ontra	e inde
Year and month	Total	Manufactures	Minerals	Total	Manufactures	Minerals	Number of employ ees, adjusted ?	Amount of pay unadjusted	Unadjusted 1	Adjusted 2	Unadjusted 1	Adjusted 2	Unadjusted 1	Adjusted 2	Exports	Imports	Bank debits o York (	Construction contracts, types, value, adjusted	Wholesale price index, commodities
	'					,		Mont	hly ave	rage, 195	23-25=10	00							Monthly average, 1926=100
1930: May 1931: May 1932:	105 89	106 90	102 84	102 87	101 87	104 87	91. 4 77. 8	94. 4 72. 1	97 79	96 79	101 92	98 89	105 97	105 97	90 57	86 55	123. 6 103. 2	105 65	88. 8 73. 2
May	61 59 56 59 68 68 65 60	60 59 55 58 66 66 63 58	65 61 62 66 73 80 78 72	60 59 58 60 66 66 65	58 58 57 59 65 65 64 64	67 63 64 65 70 74 75 76	62. 1 60. 0 58. 3 58. 8 60. 3 61. 1 61. 2 60. 6	46. 2 42. 6 39. 6 40. 1 42. 1 43. 5 41. 8 40. 9	53 52 51 53 61 65 58 52	54 52 51 51 54 57 57 58	74 71 68 68 72 72 70 64	71 71 69 68 69 69 68	72 66 46 49 71 75 73 106	72 69 65 65 68 69 63 60	37 34 32 31 33 33 32 33	34 36 27 29 32 32 32 30	63. 4 65. 4 63. 4 59. 6 59. 6 62. 6 55. 4 65. 0	26 27 27 30 30 29 27 28	64. 4 63. 9 64. 5 65. 2 65. 3 64. 4 63. 9 62. 6
January February March April May Monthly average, Jan-	64 65 61 68 <b>79</b>	63 63 59 68 <b>80</b>	71 76 74 65 77	65 64 60 67 <b>76</b>	64 62 57 66 <b>76</b>	73 79 81 72 <b>79</b>	59. 4 59. 4 56. 6 57. 7 <b>60. 6</b>	39. 2 40. 0 36. 9 38. 6 42. 0	51 51 48 51 56	56 54 50 53 <b>56</b>	65 64 63 65 <b>68</b>	69 66 62 63 <b>66</b>	49 49 50 68 <b>67</b>	60 60 57 67 <b>67</b>	31 29 28 29 32	29 26 26 25 <b>32</b>	61. 1 52. 7 48. 7 53. 8 58. 3	22 19 14 14 17	61. 0 59. 8 60. 2 60. 4 62. 7
uary through May: 1931 1932 1933	88 67 <b>67</b>	88 66 <b>67</b>	84 73 <b>73</b>				72. 4 50. 6 39. 3	77. 8 65. 7 <b>58. 7</b>	76 57 <b>51</b>		88 75 <b>65</b>		90 69 <b>57</b>		62 41 30	56 38 28	99. 5 70. 3 <b>54. 9</b>	73 27 17	75. 8 65. 9 66. 8

<sup>&</sup>lt;sup>1</sup> Adjusted for number of working days.

<sup>&</sup>lt;sup>2</sup> Adjusted for seasonal variation.

### Comparison of Principal Data, 1929 to 1933



### **Commodity Prices**

THE upward movement of commodity prices was accelerated during May and the first half of June. The rise has derived some of its momentum from the continued contraseasonal gains in business activity, but the inflation program of the Government and its anticipated effects have been an important influence. While certain raw materials and foodstuffs have appreciated to a greater extent than the decline in the foreign exchange value of the dollar, the general level of wholesale prices has risen much less. Measured by the principal European gold currencies, the dollar has been quoted at a discount of from 15 to 20 percent, while the Bureau of Labor Statistics index of wholesale prices, based on 784 commodities or price series, has increased 8.2 percent since the low point touched in early March. The cost of living in May rose slightly less than 1 percent from the April low point.

Wholesale prices which averaged 3.8 percent higher in May than in April, the largest monthly increase since April 1920, advanced 1.1 percent further from June 3 to 17, and on the latter date reached a level 0.9 percent higher than the June 1932 average. Of the 784 commodities or price series included in the Bureau of Labor Statistics index, 364 advanced from April to May, 371 showed no change, and only 49 declined. Nine of the ten groups advanced as did 35 of the 44 subgroups. Nineteen of the subgroups crossed or

equaled the levels of May 1932. Prices of farm products at wholesale markets averaged 13 percent higher than in April; foods, 5.9 percent; hides and leather products, 10.8 percent; textiles, 7.9 percent; chemicals and drugs, 2.5 percent; and metals and metal products, building materials, and miscellaneous articles, 1 to 2 percent.

Food retail prices rose 3.7 percent from April 15 to May 15, the first increase since the fractional rise of last October and the greatest monthly advance since August 1921. Of the 42 articles of foods on which quotations are regularly received, prices of 30 increased from April to May, 5 decreased, and 7 showed no change. This compares with 12 increases, 17 decreases, and 13 unchanged quotations from March to April.

After having risen 27 percent during the preceding 3 months, the general level of farm prices was fairly steady from mid-May to mid-June according to reports reaching the Department of Agriculture. From April 15 to May 15 grain and cotton and cottonseed prices rose nearly one third, meat animals 14 percent, chickens and eggs 11 percent, dairy products 7 percent, and fruits and vegetables 3 percent. As farm marketings of grains and cotton are relatively small at this time of the year, farm cash income from a price advance in these products so far has not been greatly increased.

#### INDEXES OF COMMODITY PRICES

					- <del></del>	WI	ıolesal	e (Der	artme	ent of	Labor	r)						trial	com- Agri-	Re	tail
	-mo	Econo	mic c	lasses						Gi	roups							nal Industrial Board)	22	t of	articles
Year and month	Combined index, 784 com modity quotations	Finished products	Baw materials	Semimanufactures	Farm products	Grains	Foods	Meats	Other than farm products and foods	Building materials	Chemicals and drugs	Fuel and lighting	Hides and leather	House-furnishing goods	Metals and metal products	Textile products	Miscellaneous	Cost of living (National) Conference Boa	Farm, combined index, modities (Department culture)	Foods (Department Labor)	Department store art (Fairchild)
							Moi	nthly 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: May 1931: May	88. 8 73. 2	90. 1 76. 9	87. 8 66. 5	83. 1 69. 8	93. 0 67. 1	82. 1 59. 6	92. 2 73. 8	101. 3 74. 4	87. 3 75. 1	92. 4 80. 0	90. 2 80. 5	80. 3 65. 3	102. 6 87. 6	93. 5 86. 8	93. 5 85. 0	83. 4 67. 4	80. 4 70. 5	97. 2 86. 9	124 86	150 121	108. 6 93. 4
May June July August September October November December	64. 4 63. 9 64. 5 65. 2 65. 3 64. 4 63. 9 62. 6	70. 3 70. 0 70. 5 70. 7 70. 4 69. 6 69. 3 68. 4	53. 9 53. 2 54. 7 55. 7 56. 2 54. 6 54. 2 52. 1	58. 1 57. 6 55. 5 57. 9 60. 7 60. 7 58. 9 57. 7	46. 6 45. 7 47. 9 49. 1 49. 1 46. 9 46. 7 44. 1	42. 6 37. 7 36. 7 38. 2 37. 4 34. 4 33. 2 31. 7	59. 3 58. 8 60. 9 61. 8 61. 8 60. 5 60. 6 58. 3	56. 5 56. 0 62. 0 61. 9 60. 9 56. 4 53. 7 49. 4	70. 4 70. 1 69. 7 70. 1 70. 4 70. 2 69. 8 69. 0	71. 5 70. 8 69. 7 69. 6 70. 5 70. 7 70. 7	73. 6 73. 1 73. 0 73. 3 72. 9 72. 7 72. 4 72. 3	70. 7 71. 6 72. 3 72. 1 70. 8 71. 1 71. 4 69. 3	72. 5 70. 8 68. 6 69. 7 72. 2 72. 8 71. 4 69. 6	74. 8 74. 7 74. 0 73. 6 73. 7 73. 7 73. 7	80. 1 79. 9 79. 2 80. 1 80. 1 80. 3 79. 6 79. 4	54. 3 52. 7 51. 5 52. 7 55. 6 55. 0 53. 9	64. 4 64. 2 64. 3 64. 6 64. 7 64. 1 63. 7 63. 4	77. 9 77. 2 77. 0 76. 8 76. 6 76. 1 75. 6 75. 1	56 52 57 59 59 56 54 52	101 100 101 101 100 100 99 99	76. 8 75. 1 74. 0 73. 6 73. 6 73. 3 72. 6 71. 8
January February March April May Monthly average, January through	61. 0 59. 8 60. 2 60. 4 62. 7	66. 7 65. 7 65. 7 65. 7 67. 2	50. 2 48. 4 49. 4 50. 0 53. 7	56. 9 56. 3 56. 9 57. 3 61. 3	42. 6 40. 9 42. 8 44. 5 50. 2	32. 9 32. 7 36. 0 44. 8 52. 8	55. 8 53. 7 54. 6 56. 1 59. 4	49. 5 50. 2 50. 5 50. 3 <b>52. 3</b>	67. 3 66. 0 65. 8 65. 3 66. 5	70. 1 69. 8 70. 3 70. 2 71. 4	71. 6 71. 3 71. 2 71. 4 73. 2	66. 0 63. 6 62. 9 61. 5 60. 4	68. 9 68. 0 68. 1 69. 4 76. 9	72. 9 72. 3 72. 2 71. 5 71. 7	78. 2 77. 4 77. 2 76. 9 77. 7	51. 9 51. 2 51. 3 51. 8 55. 9	61. 2 59. 2 58. 9 57. 8 58. 9	73. 7 72. 1 71. 8 71. 5 72. 1	51 49 50 53 62	95 91 91 90 94	71. 1 69. 9 69. 7 69. 4 <b>70. 4</b>
May: 1931 1932 1933	75. 8 65. 9 60. 8	79. 3 71. 3 66. 2	69. 5 56. 1 50. 3	72. 2 60. 7 57. 7	70. 2 49. 9 44. 2	60. 2 44. 7 39. 8	77. 3 62. 0 55, 9	81. 7 59. 8 50. 6	77. 1 71. 0 66. 2	82. 1 73. 1 70. 4	82. 5 74. 9 71. 7	69. 0 69. 0 <b>62.</b> 9	87. 7 76. 5 70, 3	87. 8 76. 7 72. 1	86. 1 80. 8 77. 5	69. 6 57. 5 <b>52. 4</b>	71. 5 64. 8 59. 2	89. 0 79. 6 72. 2	90 60 53	126 105 92	95. 5 79. 1 70. 1

### Domestic Trade

DISTRIBUTION indexes have not kept pace with the rise in productive activity, but there has been a narrowing of the decline in comparison with a year ago and during June, sales gave evidence of holding up well despite adverse seasonal influences. Sales in certain lines, notably automobiles, have improved considerably. Retail sales through the department, chain store, and mail-order houses, however, have expanded only moderately since April. A year ago retail trade was declining and, after allowing for the drop in prices in the year's interval, retail sales in May were in excess of a year ago in volume.

The unadjusted index of department storesales in May was slightly lower than in April, while the adjusted index remained unchanged at 68 percent of the 1923–25 average. In comparison with the early months of the year, the spread has narrowed considerably, the May adjusted index being 7 percent below last year in comparison with an average drop for the 5 months of 17 percent. A number of the Federal Reserve districts, including Atlanta, Dallas, Minneapolis, and San Francisco, reported higher sales than in May 1932. In the Kansas City district they were equal to last year. The indexes by districts do not take into account the extra trading day in May.

Sales of the leading mail order companies, including catalog and store sales, increased in May contrary to the usual trend for the month. The value was 7 percent larger than in April and was only 2 percent below a year ago. The leading chain store organizations

reported sales close to and, in some instances, higher than a year ago.

Merchandise l.c.l. loadings show a continued tendency to lag, and this is the only freight classification still running behind last year. May shipments increased to the highest point since November, although the adjusted index advanced only to the February figure. The spread with relation to last year has narrowed, the latest week's figure being 4 percent below the same week of 1932, compared with a decline for the year to date of 13 percent.

Commercial failures in May and June have continued to reflect considerable improvement over the 3 preceding years. May failures were the fewest for the month of any year since 1929, and the liabilities involved were also the smallest for the month since that year. For the first 5 months commercial failures were one fourth less than in the corresponding period of 1932, and the liabilities involved dropped 37 percent.

Newspaper advertising linage increased in May, and the reduction from last year's figure narrowed. The total for 22 cities was 11 percent less than in May 1932, compared with an average reduction for the 5 months of 22 percent. Radio advertising expenditures were reduced further in May and there was also a drop in the payments for magazine advertising.

Postal receipts in May were higher than in the same month of 1932, the first time since November 1932 that collections have shown an increase over the year previous.

#### DOMESTIC TRADE STATISTICS

	Depart store	ment- sales	Depart store s	ment- tocks <sup>3</sup>	Freigl loading chand	nt-car s, mer- ise l.c.l.	Chain	-store s	ales	Mail	Postal	Comm fail	nercial ures	Adver lin	tising age	Busi- ness
Year and month	Unad- just-	just-	Unad- just-	iust-	Unad- just-	lust-	Com- bined index	(variet	10-cent y) store les	order and store sales, 2 houses	receipts, 50 se- lected cities	Fail- ures	Liabil-	Maga-	News-	incor- pora- tions, 4
	ed 1	ed ?	ed	ed 2	ed	ed 2	(20 com- panies)	Unad- justed	Ad- justed			ures	lties	ZHIC	paper	States
		Montl	aly avera	ge, 1923-	25=100		Avg. same mo. 1929- 31=100	age 19	ly aver- 23-25= 00		ands of lars	Num- ber	Thou- sands of dolls.	Thou- sands of lines	Mil- lions of lines	Num- ber
1930: May 1931: May 1932:	105 97	105 97	98 85	96 84	101 92	98 89		162 156	175 168	59, 350 50, 070	31, 370 27, 844	2, 179 2, 248	55, 541 53, 371	4, 051 3, 336	100 89	3, 320 3, 096
May	46 49 71 75 73	72 69 65 65 68 69 63 60	69 65 59 59 63 67 69 56	68 67 64 61 60 61 61 60	74 71 68 68 72 72 70 64	71 71 69 68 69 69 68	86 84 83 80 83 82 79 79	133 127 118 118 123 142 130 226	138 138 135 127 135 133 129 117	38, 718 39, 889 32, 073 33, 777 39, 156 45, 423 41, 281 51, 556	22, 621 22, 006 23, 789 23, 851 25, 770 26, 711 26, 109 33, 097	2, 788 2, 688 2, 596 2, 796 2, 182 2, 273 2, 073 2, 469	83, 764 76, 931 87, 190 77, 031 56, 128 52, 870 53, 621 64, 189	2, 508 1, 523 1, 103 928 987 1, 246 1, 364 1, 252	70 65 50 50 62 71 64 61	2, 863 3, 107 2, 534 2, 909 2, 661 2, 592 2, 458 2, 681
January February March April <b>May</b> Monthly average, Jan-	49 49 50 68 67	60 60 57 67 <b>67</b>	52 54 55 55 56	58 56 53 53 <b>55</b>	65 64 63 65 68	69 66 62 63 <b>66</b>	80 76 75 78 <b>79</b>	100 103 110 129 126	135 138 121 140 130	26, 958 26, 176 27, 554 35, 365 <b>37, 778</b>	24, 674 22, 559 24, 422 23, 810 24, 393	2, 919 2, 378 1, 948 1, 921 1, 909	79, 101 65, 576 48, 500 51, 098 47, 972	1, 266 1 584 1, 791 1, 910 1, 922	52 47 50 60 <b>62</b>	3, 307 2, 839 2, 674 2, 665 3, 373
uary through May: 1931 1932 1933	90 69 <b>57</b>		84 70 <b>54</b>		88 75 <b>65</b>		87 <b>78</b>	142 128 114		45, 207 35, 395 <b>30, 566</b>	28, 571 24, 589 <b>23, 972</b>	2, 623 2, 949 <b>2, 215</b>	63, 768 92, 071 58, <b>449</b>	2, 918 2, 126 1, 695	83 69 <b>54</b>	3, 163 3, 076 <b>2, 972</b>

<sup>&</sup>lt;sup>1</sup> Corrected to average daily sales.

<sup>&</sup>lt;sup>2</sup> Adjusted for seasonal variation.

<sup>3</sup> End of month figures.

### **Employment**

WIDESPREAD increases in both employment and pay rolls were reported for May, and the upward trend has continued in June. On a percentage basis some of the gains recorded have been large, although in general they have not matched the production increases, and the current indexes remain at a very low level.

While the upward trend in manufacturing activities has been uneven, nearly all the reporting industries shared in the movement. Of the 89 manufacturing industries reporting to the Bureau of Labor Statistics, 72 showed higher employment and 81 larger pay rolls in May than in April. After adjustment for seasonal factors, the index of factory employment increased 5 percent during May, the largest relative increase for 1 month as far back as the index is available (1919). Despite the recent betterment the adjusted index of factory employment advanced in May only to the level of last December and was 2.4 percent below a year ago. The pay-roll index advanced 9 percent to the highest point since last October, and was 9.1 percent below the May 1932 figure.

Employment in all of the major groups, with the exception of chemicals and allied products, was higher than in the preceding month. The increase in employment in the other groups were fairly uniform. The individual industries reporting the largest gains included the beverage, cotton, silk, rayon, and woolen goods, plumbers' supplies, radio and phonographs, aircraft, glass, leather, rubber tires and tubes, and tobacco manufactures.

The improvement in employment and pay rolls was shared by the nonmanufacturing industries. Of the 16 groups in this class, 9 reported larger employment, and in several of those where the number on the pay roll was reduced, the decline was smaller than usual for the month. Aside from the quarrying and nonmetallic mining and building construction groups, which showed increases of 11 percent and 8.9 percent, respectively, the gains were slight.

Larger pay rolls were reported in all but four of the nonmanufacturing groups, the exceptions being the anthracite, retail trade, canning and preserving and dyeing and cleaning groups. The industries reporting larger pay rolls with reduced employment were bituminous coal, telephone and telegraph, electric-railroad and motor-bus operation and maintenance, and hotels.

One of the major objects of the recently enacted industrial recovery act is the providing of additional work opportunities and the raising of the wage scale. While wage increases have been announced recently by a number of leading organizations, the trend of average hourly rates was still downward in May. In that month, average weekly factory earnings increased to \$16.71 compared with \$15.39 in April and \$17.17 in May 1932. Average hourly earnings, which in April were unchanged at the March figure of 46 cents, dropped to 45.3 cents, compared with the average hourly rate of 51 cents in May 1932.

Employment among trade-union members was slightly improved during May, increases being reported for the building and metal trades groups.

#### STATISTICS OF EMPLOYMENT, PAY ROLLS, AND WAGES

		y emplo ay rolls,				Nonmai	nufactu	ring em	ployme	nt and j	pay rolls				!	Wages	3
	Emplo	yment	Pay rolls	Anth		Bitum coal m		Power and		Telep and tel		Retail	trade	Trade- union mem-	Fact	ory 1	
Year and month	Unad- justed	Ad- justed <sup>1</sup>	Unad- justed	Em- ploy- ment	Pay rolls	Em- ploy- ment	Pay rolls	Em- ploy- ment	Pay rolls	Em- ploy- ment	Pay rolls	Em- ploy- ment	Pay rolls	bers em- ployed	Aver- age weekly earn- ings	Aver- age hourly earn- ings	Com- mon labor
	Mor 19	nthly ave 23-25==10	rage, 0			-	Mon	thly aver	age, 1929	=100				Percent of total members	Dol	llars	Cents per hour
1930: May 1931: May 1932:	90. 9 77. 1	91. 4 77. 8	94. 4 72. 1	93. 8 80. 3	98. 8 76. 1	90. 4 82. 4	77. 5 54. 4	103. 4 97. 6	104. 5 98. 7	99. 7 87. 4	103. 2 94. 1	96. 7 89. 9	97. 3 88. 0	80 75	26. 71 24. 25	. 592	40 37
May June	61.3 59.1	62. 1 60. 0	46. 2 42. 6	66. 9 53. 0	58. 0 37. 4	62. 6 60. 5	30.7 27.3	84. 0 83. 2	84. 2 80. 5	80. 6 79. 9	82. 8 82. 1	80. 9 79. 4	71. 1 68. 2	69 68	17. 17 16. 24	. 510 . 500	32 33
July August September	57. 2 58. 6 61. 5	58.3 58.8 60.3	39.6 40.1	44. 5 49. 2 55. 8	34. 5 41. 4 47. 0	58.6 59.4 62.4	24. 4 26. 4	82.3 81.5 81.0	78. 7 76. 7 74. 7	79. 1 78. 1 77. 4	79. 6 79. 1 75. 9	74.6 72.6 77.8	63. 3 60. 7 64. 6	66 67 68	15. 43 15. 35 16. 23	. 489 . 487 . 479	32 32
October November December	62. 0 60. 9 59. 6	61. 1 61. 2 60. 6	42.1 43.5 41.8 40.9	63. 9 62. 7 62. 3	66. 7 51. 0 56. 2	67. 0 69. 4 70. 0	30. 2 37. 8 38. 0 37. 7	79. 9 79. 1 78. 4	74. 4 73. 2 73. 2	76. 2 75. 5 74. 8	75. 7 74. 3 73. 5	81. 3 81. 7 95. 2	67. 1 66. 9 73. 6	69 68 66	16. 25 16. 86 16. 84 16. 37	. 474 . 468 . 467	32 33 32 32 32 32 32 32
1933: January	58. 1	59.4	39. 2	52. 5	43. 2	69.8	36. 1	77.7	73. 0	74.6	71. 7	76.9	62.7	65	16. 21	. 468	_
February March April	59. 2 56. 7 57. 8	59. 4 56. 6 57. 7	40.0 36.9	58. 7 54. 6	56. 8 48. 8	69.3 67.6	37. 2 30. 7	77. 4 76. 9	71. 6 71. 9 69. 4	73. 9 73. 2	71. 9 71. 6 67. 8	73, 4 71, 4 78, 6	58. 4 55. 1 60. 4	66 66 67	16. 13 14. 56 15. 39	. 464 . 460 . 460	32 32 32 33 53
May.  Monthly average, January through May:	60.0	60.6	38. 6 <b>42. 0</b>	51. 6 43. 2	37. 4 <b>30. 0</b>	63. 7 <b>61. 2</b>	26. 6 <b>26. 9</b>	76. 9 76. 9	69. 4 69. 9	72.3 <b>70.1</b>	68. 5	77.0	59. 5	67	16.71	.453	53
1931 1932 1933	77. 4 65. 0 58. 4		72. 4 50. 6 39. 3	85. 5 71. 6 52. 1	82. 8 62. 0 43. 2	88. 5 72. 3 66. 3	64. 0 41. 1 31. 5	97. 7 86. 2 77. 2	99. 4 85. 3 71. 2	88. 8 81. 7 72. 8	95. 6 86. 6 70. 3	89. 0 81. 7 75. 5	88. 0 73. 8 59. 2	74 69 66	23. 87 18. 37 15. 80	. 574 . 521 . 461	36 33 32

<sup>&</sup>lt;sup>1</sup> Adjusted for seasonal variation.

<sup>&</sup>lt;sup>2</sup> National Industrial Conference Board.

### Finance

THE passage by Congress of a resolution repealing the gold clause in public and private contracts and the enactment of the Glass-Steagall banking bill were among the important pieces of legislation enacted during May and the first half of June. The former declared (1) that the clauses in public and private obligations payable in gold are contrary to public policy, and (2) that obligations may be discharged in legal tender. The latter contained provisions for (1) the insurance of bank deposits within certain limits. (2) the extension of branch banking by national banks in States which permit State institutions to have branches, (3) the divorcing of security affiliates from commercial banks within a year, (4) the severance of deposit banking from investment banking, (5) the prohibition of interest payments on demand deposits, and other provisions of importance.

Another important legislative act was the Securities Act of 1933, approved May 27, 1933, which is designed "to provide full and fair disclosure of the character of securities sold in interstate and foreign commerce" and to prevent frauds in the sale and distribution of securities.

Member bank credit outstanding, as estimated on the basis of reports by banks in 90 cities, showed a slight increase during May and the first half of June. Deposits during the last 2 months have tended to increase more rapidly than loans and investments, owing to the return flow of currency to the banks after the bank holiday and the use of these funds by the member banks to reduce their outstanding credit at the Federal Reserve banks.

During the period under review total Federal Reserve credit outstanding has declined, largely as a result of a drop in total bills discounted and in bills purchased in the open market. As the first step in the credit expansion provided for by recent legislation the Federal Reserve banks purchased approximately \$25,000,000 of Government securities during the week beginning May 17 and holdings have steadily increased since that time.

Although, owing to the embargo, gold movements during May were virtually limited to releases from earmark, the gold reserves of the Federal Reserve banks increased by more than \$100,000,000 as a result of the continued flow of gold coin and certificates to the banks.

Stock prices have moved steadily upward in sympathy with a decline in the foreign exchange value of the dollar and in reflection of the increase in business activity. During the closing days of May trading rose to record levels. Bond prices moved upward with more consistency although lower grade issues tended to keep in sympathy with the more irregular movement of stocks.

The increased activity in the security markets led to a marked increase in broker's loans. At the same time call-loan rates declined until they reached their former low level of 1 percent. Rates on commercial paper and on acceptances also tended downward.

#### CREDIT AND BANKING STATISTICS

	Bank	debits	Repor banks closes	ting m s, Wedn	ember esday	Con	dition of	Federal mo	Reserve t	oanks, en	d of	Total	Net gold im-			
			mont		11G 01	Reserve	bank ere	dit outs	anding		Mem-	er's ac- cept- ances	ports in- cluding	Money in	De- posits, New York	Postal Savings, bal- ance to
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 ear- mark <sup>1</sup>	circu- lation	State savings banks	credit of de- positors
							Mill	ions of do	llars			an				Thou- sands of dollars
1930: May 1931: May 1932:	37, 423 25, 072	24, 388 18, 858	8, 421 6, 867	8, 416 7, 863	5, 889 7, 806	1, 049 917	313 174	185 125	528 598	2, 436 2, 442	2, 369 2, 389	1, 382 1, 413	25. 5 53. 6	4, 497 4, 679	4, 505 5, 083	153, 846 325, 028
May June June July August September October December 1933:	12, 913 14, 202 12, 728 13, 458 14, 163 12, 944 9, 815 13, 967	12, 498 12, 901 12, 511 11, 756 11, 767 12, 354 10, 935 12, 820	4, 907 4, 745 4, 631 4, 512 4, 521 4, 311 4, 288 4, 315	6, 724 6, 518 6, 365 6, 284 6, 185 6, 130 6, 125 5, 982	7, 385 7, 491 7, 700 7, 743 8, 201 8, 585 8, 589 8, 507	2, 096 2, 310 2, 439 2, 331 2, 233 2, 227 2, 202 2, 145	490 440 538 433 332 228 309 235	36 67 43 34 33 34 35 33	1,549 1,784 1,841 1,852 1,854 1,851 1,851	2, 240 2, 028 2, 158 2, 241 2, 312 2, 446 2, 484 2, 561	2, 113 1, 982 2, 052 2, 146 2, 225 2, 383 2, 411 2, 509	787 747 705 681 683 699 720 710	-217.7 -234.8 £2.8 106.6 100.2 66.4 70.3 171.9	5, 456 5, 530 5, 752 5, 720 5, 685 5, 643 5, 643 5, 699	5, 243 5, 282 5, 253 5, 243 5, 282 5, 271 5, 265 5, 314	742, 645 784, 820 828, 549 847, 421 858, 720 870, 823 884, 297 900, 796
January February March April May	12, 413 12, 036 12, 454 12, 012 13, 977	12, 053 10, 401 9, 608 10, 612 <b>11, 509</b>	4, 259 4, 234 / 4, 155 / 4, 172	5, 907 5, 393 / 5, 472 / 5, 549	8, 559 8, 196 / 8, 570 / 8, <b>632</b>	2, 077 2, 794 2, 572 2, 459 <b>2, 218</b>	274 582 426 435 <b>302</b>	31 336 205 171 20	1, 763 1, 866 1, 838 1, 837 <b>1, 896</b>	2, 554 2, 236 2, 133 2, 380 <b>2, 394</b>	2, 446 2, 141 1, 949 2, 132 2, 167	707 704 671 697 <b>669</b>	37. 0 -169. 4 -113. 3 23. 7 1. 0	5, 631 5, 892 6, 998 6, 137 5, 876	5, 317 5, 269 5, 220 5, 164 <b>5, 113</b>	942, 519 1, 006, 185 1, 112, 715 1, 157, 652 1, 178, 342

<sup>1</sup> Net exports indicated by (-).

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

### Foreign Trade

NOREIGN trade during May showed a relatively Plarge increase as compared with the preceding month, contrary to the usual seasonal trend. The adjusted index for exports advanced from 29 to 32 percent of the 1923-25 average, while that for imports increased from 25 to 32, the highest figure since last The value of exports was \$114,200,000, 8.6 percent higher than in April. Imports reached \$106,900,000 an increase of 21 percent for the month. Compared with May 1932, exports were 13 percent and imports 5 percent smaller. As a result of the greater advance in imports, the favorable merchandise balance was reduced to \$7,300,000. For the elapsed 5 months of this year, exports have exceeded imports by \$79,300,000 whereas in the corresponding period of 1932 the excess was \$89,400,000.

The outstanding change in exports during May occurred in shipments of unmanufactured cotton. These increased from 240,300,000 pounds in April to 326,500,000 pounds in May, while the increase in value of cotton—\$9,100,000—was slightly greater than the increase for all exports. Among other leading commodities, exports of lard, canned fruit, oranges, lumber, coal, iron and steel products, electrical appliances, and various classes of machinery increased during May while leaf tobacco and mineral oil exports were considerably smaller.

The increase in imports during May was due to larger shipments of a wide range of commodities. These were reflected in the totals for each economic

class. Increases in value ranged from 35 percent for semimanufactures to 13 percent for finished manufactures. Principal articles showing increases were leather, lumber, paper base stocks, and tin among the semimanufactures; cotton manufactures and newsprint among the finished manufactures; hides and skins, oilseeds, and raw silk among the crude materials; and coffee, sugar, and fruits among the foodstuffs.

Tin imports increased in April and again in May to a total of 12,824,000 pounds which represented a larger quantity than for any month since April 1930. Imports of hides and skins and leather were the largest for any month since the latter part of 1931. Raw silk, coffee, and wood pulp imports were larger in quantity than in the preceding month or in May 1932, although for the 5 months ended May 1933 they were smaller than in the corresponding period of 1932. Imports of lumber and newsprint were considerably smaller than in May 1932. An increase in the proportion of Philippine sugar imported in May accounted for the increase of \$2,200,000 in the value of total sugar imports. In quantity, imports of sugar were slightly smaller than in April.

Unit values of a large number of leading export and import commodities showed increases during May and a few were higher than a year ago. The increase in the unit price of unmanufactured cotton from 7.05 cents per pound in April to 7.98 cents per pound in May accounted for nearly one third of the increase in the value of cotton exports.

#### **EXPORTS AND IMPORTS**

	Ind	exes				Exports	of Unit	ed State	s merch	andise				Gen	eral imp	orts	
			Ex- ports.		Crude ria		Food	stuffs		Finish	ed mai tures	nufac-					
Year and month	Total ex- ports, ad- justed <sup>1</sup>	Total im- ports, ad- justed <sup>1</sup>	in- clud- ing reex-	Total	Total	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							Millio	ns of dol	lars						
1930: May 1931: May 1932:	90 57	86 55	320. 0 204. 0	312. 5 199. 2	40. 7 36. 5	19. 0 18. 9	42. 8 29. 4	4. 9 6. 6	49. 9 29. 9	179. 0 103. 4	49. 7 26. 5	29. 3 14. 3	284. 7 179. 7	86. 6 54. 2	76. 3 49. 6	53. 4 30. 4	68. 4 45. 5
May June July August September October November December	31	34 36 27 29 32 32 32 32	131. 9 114. 1 106. 8 108. 6 132. 0 153. 1 138. 8 131. 6	128. 6 109. 5 104. 3 106. 3 129. 4 151. 0 136. 4 129. 0	29. 8 24. 2 27. 6 29. 7 47. 4 60. 5 55. 3 52. 2	17. 7 13. 4 15. 9 18. 1 32. 1 40. 0 38. 5 39. 0	20. 0 18. 0 15. 6 17. 3 20. 4 25. 2 19. 9 16. 0	4. 5 3. 7 4. 3 5. 4 9. 6 12. 2 7. 9 4. 8	18. 2 14. 7 14. 1 12. 9 15. 9 16. 9 14. 6 15. 7	60. 5 52. 5 47. 0 46. 3 45. 9 48. 4 46. 6 45. 0	11. 3 10. 3 9. 6 9. 0 9. 1 11. 6 10. 2 9. 7	7. 9 6. 3 6. 2 5. 1 4. 9 5. 0 4. 4 5. 1	112. 3 110. 3 79. 4 91. 1 98. 4 105. 5 104. 5 97. 1	28. 4 29. 6 19. 5 22. 2 27. 3 27. 2 27. 8 28. 7	37. 2 32. 8 26. 3 29. 2 31. 3 33. 5 32. 0 28. 2	17. 2 18. 5 11. 9 15. 1 14. 6 16. 7 16. 6 16. 7	29. 5 29. 4 21. 8 24. 6 25. 3 28. 1 28. 1 23. 4
January	31 29 28 29 32	29 26 26 25 32	120. 6 101. 5 108. 0 105. 2 114. 2	118. 6 99. 4 106. 3 103. 1 111. 9	42. 3 31. 8 29. 4 28. 6 35. 0	29. 7 20. 6 18. 1 16. 9 26. 1	16. 2 12. 8 13. 4 11. 3 13. 0	4. 6 3. 8 3. 9 2. 9 3. 8	15. 8 13. 2 16. 5 15. 3 17. 6	44. 3 41. 5 47. 0 47. 9 46. 2	9. 2 8. 5 9. 4 8. 8 <b>9. 1</b>	6. 5 6. 3 6. 9 7. 4 7. 4	96. 0 83. 8 94. 9 88. 4 106. 9	27. 2 21. 1 23. 6 21. 1 24. 9	30. 7 30. 0 33. 6 32. 8 40. 0	16. 2 13. 6 14. 8 13. 5 18. 3	21. 9 19. 1 22. 9 20. 9 23. 6
through May: 1931	<sup>2</sup> 62 <sup>2</sup> 41 <sup>2</sup> 30	2 56 2 38 2 28	1, 128. 9 725. 9 <b>549.</b> 7	1, 106. 8 710. 2 <b>539. 3</b>	239. 3 216. 6 167. 1	134. 4 148. 3 111. 4	155. 6 109. 1 66. 7	43. 3 28. 8 19. 0	154. 4 92. 0 78. 4	557. 4 292. 4 <b>226. 9</b>	168. 2 62. 1 <b>45. 0</b>	81. 8 39. 3 34. 5	933. 7 636. 5 470. 0		246. 0 193. 7 167. 1	171. 9 106. 8 76. 4	226. 6 159. 9 108. 4

<sup>1</sup>Adjusted for seasonal variation.

<sup>2</sup> Monthly average.

182446-33--2

### Real Estate and Construction

CONSTRUCTION contracts awarded in the first half of June reached a total of about \$60,000,000 which, on a daily average basis, represented the highest activity level since last fall. The increases occurred in all three of the major groups, but the most pronounced gain was in nonresidential construction.

The program of public works provided for in recent legislation, which contemplated expenditures totaling \$3,300,000,000, is looked to for a needed stimulus to this basic industry. The extremely low level to which activity has been reduced is indicated by the Federal Reserve Board's index, which has averaged 17 percent of the 1923–25 average in the first 5 months of the year. Plans are being pushed to get public expenditures under this program started.

May contract awards were larger than in the previous month, the increase amounting to 35 percent. The total, however, was less than the value of awards in January and but 53 percent of the amount reported last May. Measurable footage of contracts was approximately the same as a year ago. For the first 5 months of the year, the average value of undertakings was not much more than half that in the similar period of 1932. Two years ago contracts awarded were four times as large.

A steady increase in residential building activity from the low point reached in February brought the total value of that class of undertakings during May to the highest level in over a year. Last May a decrease from the previous month occurred in these contracts. In May 1931, the value of residential construction was almost three and a half times as great.

The value of public works and utility contracts in May increased 40 percent over the low record of the previous month; for the year so far the amount was 43 percent less than the corresponding valuation of last year.

As is expected at this season, building material shipments advanced over the levels of the previous month. The increase in cement shipments amounted to 36 percent. Oak flooring shipments, which increased 53 percent, as compared to an advance of 3 percent at this time last year, were at the highest level since October 1931. They were only slightly more than half the amount reported in May 1931.

Building material prices for brick houses showed no change from the low level of the previous month, and the slight increase which occurred in frame-house materials was insufficient to bring prices above the monthly average level for the first 5 months of the year. An advance of 2.6 percent in the index of the Engineering News-Record which includes prices of structural steel shapes, cement, lumber, and the rates paid common labor, indicated construction costs were near the level prevailing at the end of 1931. The real estate market continued stagnant. The only long-term real estate bonds floated so far this year was a relatively small amount during February.

#### BUILDING MATERIALS, CONSTRUCTION, AND REAL ESTATE

		Const	iruction	contrac	ets awar	ded		Explo-	Build sl	ling ma hipmen	terial ts	mat	ding erial ces	Con- struc- tion	Real estate mar- ket ac-	Long- term real
Year and month	F.R.B. index ad- justed <sup>1</sup>		pes of uction		ential ding		works tilities	new orders	Maple floor- ing	Oak floor- ing	Ce- ment	house (6-	Brick house (6- room)	costs, Eng. News- Record	tivity, deeds	estate bonds issued
		Mil- lions of square feet	Mil- lions of dollars	Mil- lions of square feet	Mil- lions of dollars	Thou- sands of square feet		Thou- sands of pounds	feet,	ands of board sure	Thou- sands of barrels	First of	month, erage 191	month- 3=100	Month- ly av- erage 1926= 100	Thou- sands of dollars
1930: May	105 65	53. 7 38. 9	457 306	23. 5 21. 9	116. 6 88. 9	1, 099 387	152. 1 108. 9	33, 340 26, 441	4, 669 3, 315	30, 295 27, 745	17, 224 14, 200	177 160	181 167	205. 9 189. 3	73. 5 61. 3	3, 813 9, 485
May June July August September October November December	07	15. 7 12. 3 14. 4 13. 9 13. 5 11. 0 12. 1 6. 9	146 113 129 134 128 107 105 81	6. 7 5. 8 5. 5 6. 6 6. 0 5. 5 3. 4	25. 6 23. 1 19. 7 20. 8 22. 8 21. 9 19. 2 13. 0	182 106 265 205 243 138 543 181	61. 7 50. 1 60. 0 64. 2 68. 7 58. 5 54. 2 43. 3	16, 139 14, 319 14, 473 17, 607 20, 867 22, 122 19, 074 17, 998	2, 325 2, 281 2, 264 2, 816 2, 402 2, 031 1, 902 1, 590	12, 939 10, 253 7, 699 11, 626 11, 739 10, 657 5, 918 4, 327	8, 020 9, 264 9, 218 10, 968 9, 729 8, 743 4, 782 2, 835	152 150 148 148 149 148 148 148	157 157 154 155 155 153 154 153	152. 8 152. 2 153. 4 156. 8 158. 0 159. 2 158. 2 158. 5	51. 6 55. 2 47. 2 54. 2 53. 4 60. 4 50. 1 52. 9	0 80 0 700 0 220 200
January		8. 5 7. 4 9. 9 10. 9 15. 3	83 53 60 57 77	3. 2 3. 1 4. 8 5. 8 8. 4	12. 0 11. 8 16. 0 19. 1 26. 5	832 148 117 85 <b>400</b>	42. 7 17. 2 17. 6 13. 6 19. 0	17, 129 15, 437 15, 435 15, 006 19, 975	1, 496 1, 318 1, 246 2, 097	4, 433 6, 074 7, 573 9, 479 14, 549	2, 502 2, 278 3, 510 4, 949 <b>6, 74</b> 8	147 146 147 143 145	152 151 153 150 <b>150</b>	158. 4 159. 3 158. 4 160. 2 164. 4	50. 4 57. 2 41. 7 41. 1	900 0 0
through May: 1931 1932 1933	73 27 <b>17</b>	33. 8 14. 3 10. 4	295 111 <b>66</b>	19. 1 7. 1 <b>5. 1</b>	83. 6 27. 9 17. 1	467 213 <b>316</b>	113. 5 38. 3 22. 0	25, 887 17, 734 16, 596	2, 873 2, 129 1, 539	24, 444 12, 377 8, 422	8, 468 5, 008 <b>3, 997</b>		169 161 <b>151</b>	193. 3 157. 5 <b>160, 1</b>	9 64.1 9 56.5 9 47.6	5, 369 494 <b>180</b>

<sup>1</sup> Based on 3-month moving average and adjusted for seasonal variation.

### Transportation

EXPANDING productive activity has been reflected in a steady advance in carloadings which, for each of the 6 weeks ended June 17, exceeded the loadings in the corresponding period of 1932. This is the first time since 1929 that improvement has been shown over the preceding year's record. Average weekly loadings for the 2 weeks ended June 17, were 576,238 cars, compared with an average of 492,000 cars in the full month of June 1932. The May rise was in excess of the seasonal gain for the month and the adjusted index advanced to 56 percent of the 1923–25 average compared with 53 in April and 54 in May 1932.

The rise in loadings in May extended to all classes with the major part of the increase concentrated in the miscellaneous group. All classes, with the exception of livestock and l.c.l. merchandise, were larger in May than a year ago. The weekly l.c.l. loadings have not yet crossed last year's figures and for the latest week reported were 4 percent lower. The adjusted index for May increased 5 percent above April, but was no higher than in February and was 7 percent below a year ago. The relative increase in total loadings since March has been much less than the increase in production, the adjusted carloadings index advancing 12 percent and the production index 27 percent.

The first operating reports for May reveal a decided improvement in net operating income for the month. These early returns indicate that the May total was much more than double the figure of a year ago. In April, the net operating income was only 8 percent below last year and as there was a sharp drop in May 1932 and an increase this year, the comparison for last month should be decidedly favorable. Nevertheless, much further improvement is needed to restore the impaired earning capacity of the roads. In the first 4 months of 1933 the net operating income of the class I carriers amounted to \$52,761,317, compared with \$85,647,469 in 1932.

The railroads gave notice on June 15 of their intention to seek an additional 12½ percent reduction in the basic pay scale which would increase the cut now in effect to 22½ percent. Through the mediation of the Federal coordinator, appointed under the recent legislative enactment, an agreement was reached on June 21 whereby the railroads agreed to defer action in this regard until June 30, 1934.

The Railroad Credit Corporation announced that at the termination of the lending period on May 31, substantially all of the emergency revenues which accrued to the carriers up to and including March had been received and allocated. Loans actually made totaled \$73,691,368.

Prospects of the equipment branch have brightened somewhat with the better traffic returns, although the improvement in May was slight and was confined to the repair industry. Employment in this group was up 3 percent and pay rolls 7 percent. In the manufacturing branch, conditions were unchanged.

#### RAIL AND WATER TRAFFIC

				Frei	ght-cai	loadii	ngs						gers		ncial istics	Ca	nal tra	ffic
	F.R.B.	. index				502	prod-		ise			'plus	ssen	ii.	pay- steam		e e	
Year and month	Unadjusted 1	Adjusted 2	Total	Coal	Coke	Forest products	Grain and pr ucts	Livestock	Merchand Le.L.	Ore	Miscellancous	Freight-car surplus	Pullman passengers carried	Net operating is come, class railroads	Dividend p ments, ster	Sault Ste. Marie	New York State	Panama 8
	Month age, 19	23-25=				Tì	ousand	s of car	s 4				Thou- sands		ands of lars	Thous short	ands of tons	Thous. of long tons
1930: May 1931: May	97 79	96 79	912. 7 739. 7	135. 8 113. 9	9. 4 6. 5	51. 9 32. 9	37. 3 35. 8	22. 8 20. 4	239. 8 217. 5	55. 6 17. 3	360. 1 295. 4	442 616	2, 351 1, 900	69, 323 41, 700	36, 600 31, 500	11, 320 4, 335	402 457	1, 116 937
May June July August September October November December	53 52 51 53 61 65 58 52	54 52 51 51 54 57 57 58	522. 0 491. 6 484. 4 516. 3 561. 1 631. 6 548. 8 497. 4	74. 6 66. 7 72. 3 84. 6 103. 6 135. 2 122. 8 125. 2	3. 1 2. 9 2. 6 2. 7 3. 4 4. 8 4. 8 5. 6	18. 7 16. 8 14. 6 15. 5 17. 1 18. 9 16. 0 13. 2	29. 2 25. 3 36. 9 38. 5 37. 1 34. 7 27. 8 26. 5	17. 1 14. 9 14. 4 16. 9 20. 3 23. 4 19. 0 16. 6	182. 1 170. 5 163. 3 169. 1 170. 3 178. 7 166. 5 155. 4	2. 6 3. 5 6. 1 7. 1 6. 1 6. 4 3. 0 1. 8	194. 5 190. 9 174. 3 181. 9 203. 2 229. 6 189. 0 153. 1	751 773 764 708 599 545 622 647	1, 270 1, 300 1, 276 1, 323 1, 339 1, 158 1, 078 1, 248	11, 951 12, 653 11, 597 28, 368 49, 647 63, 839 34, 179 32, 857	17, 200 9, 900 12, 000 9, 000 7, 300 10, 400 7, 500 5, 900	1, 568 1, 988 2, 638 3, 095 3, 807 3, 924 2, 877 215	415 454 376 528 478 554 588 0	662 633 576 650 638 723 682 587
January February March April May Monthly average, January	51 51 48 51 56	56 54 50 53 <b>56</b>	477. 6 489. 5 460. 3 500. 9 532. 0	107. 1 123. 1 91. 4 79. 5 <b>79.</b> 6	5. 2 6. 2 4. 5 3. 4 3. 8	13. 7 13. 7 14. 6 17. 2 20. 8	26. 6 25. 3 26. 0 35. 5 <b>37. 0</b>	17. 2 15. 4 13. 0 16. 5 16. 6	153. 4 154. 6 156. 1 160. 5 <b>165. 3</b>	1.8 1.8 2.0 3.2 7.7	152. 6 149. 4 152. 7 185. 2 201. 2	692 650 681 619 <b>553</b>	1, 158 952 872 974	13, 266 9, 855 10, 548 19, 042	10, 500 8, 000 11, 300 11, 500 1, 425	0 0 0 696 <b>3,490</b>	0 0 0 183 <b>542</b>	560 623 724 302 783
ary through May: 1931 1932 1933	76 57 <b>51</b>		731. 5 554. 9 492. 5	130. 4 103. 1 95. 3	7.8 4.9 <b>4.6</b>	33, 5 19, 2 <b>16, 1</b>	38. 6 30. 8 <b>30. 3</b>	21, 9 18, 7 <b>15,</b> 8	216. 7 185. 1 158. 1	8.8 2.9 3.3	274. 1 190. 1 169. 0	628 730 <b>638</b>	9 2, 019 9 1, 439 9 989	37, 778 19, 534	42, 480 28, 400 8, 545			920 658 59 <b>8</b>

<sup>1</sup> Daily average basis

<sup>&</sup>lt;sup>2</sup> For seasonal variation.

<sup>&</sup>lt;sup>3</sup> American vessels, both directions.

<sup>4</sup> Average weekly basis.

<sup>4</sup> months' average

### Automobiles and Rubber

WHILE June usually brings a recession in automobile production, during the current month there has been a contraseasonal rise, according to the weekly estimates of output. The June figures are expected to show a considerable increase over the May total which was the largest since July 1931.

Expansion in automotive schedules during May increased total output approximately 35,000 units over production in the preceding month and a year ago. According to the Federal Reserve Board's index, adjusted for seasonal factors, the gain over April amounted to 16 percent. Combined output in the first 5 months of the year was 9.4 percent higher than in the same period of 1932. Production of Canadian plants during May was the largest in 2 years.

Passenger car output in May was 46 percent above the monthly average output for the year. The number of trucks produced so far this year was slightly less than in the corresponding months of 1932, although the trend has been steadily upward since February. Output of taxicabs fell off, but for the year to date more than four times as many have been produced as in the corresponding period of 1932.

Estimates of R. L. Polk & Co. place retail sales of new passenger cars in the United States during May between 150,000 and 155,000 units, as compared with about 120,000 in April and 131,000 in May 1932. Truck sales were estimated around 23,000 units, as against 17,500 in the preceding month and 18,500 last

May. The trend in retail sales has continued upward in the first 3 weeks of June.

Although exports of passenger cars and trucks during May declined slightly from shipments in the preceding month, in each instance shipments for the first 5 months of the year were considerably above the corresponding totals for this period last year. Shipments of both classes of motor vehicles, however, totaled less than 60 percent of exports in these months of 1931.

Preliminary estimates place production of pneumatic tires for May 65 percent over the April showing and 35 percent above May 1932. These increases are slightly less than the relative gains which occurred in total crude rubber consumption on the same basis of comparison. Reports indicate that shipments of casings were well maintained during the month, while manufacturers' inventories declined slightly at the end of May and were about 25 percent below stocks on May 31, 1932.

A sharp increase in domestic consumption of crude rubber during May raised the total 70 percent above the April figure, whereas last year the increase between these months was only 12 percent. For the first 5 months of the year, however, crude rubber consumption remained 11 percent below that in the similar period of last year. Imports increased 6,000 tons, compared to a decrease of 4,000 tons in May 1932. World stocks at the end of the month were the lowest for the year and were also below a year ago.

#### AUTOMOBILE AND RUBBER STATISTICS

		Au	tomobil	e produ	etion		Autor	nobile orts	New	Auton finan	nobile icing		matic res	Cr	ude rut	ber
		Un	ited Sta	tes		Canada			pas- senger car	Ву				Do-		
Year and month	F.R.B. Index, ad- justed <sup>1</sup>	Total	Pas- sen- ger ears	Taxi- cabs	Trucks	Total	Passen- ger cars	Trucks	reg- istra- tions	whole- sale	Retail pur- chasers	Pro- duc- tion	Do- mestic ship- ments	sump-	Im- ports	World stocks, end of month
	Month- ly av- erage 1923-25 =100	Thou	sands		<u> </u>	Nu	mber			Millio doll	ons of lars	Thou	ısands		Long tor	ns
1930: May 1931: May 1932:	101 78	420 317	361 271	440 340	58, 659 45, 688	24, 672 12, 738	16, 876 8, 468	9, 666 4, 496	345, 069 247, 727	84 73	115 109	4, 574 4, 543	3, 960 4, 197	35, 912 34, 792	42, 994 35, 844	406, 137 531, 516
May June July August September October November December 1933:	33 23 24 17 31	184 183 109 90 84 49 60 107	158 160 95 76 65 35 47 86	73 235 27 9 13 5 239 291	26, 539 22, 768 14, 438 14, 418 19, 402 13, 595 12, 025 21, 204	8, 221 7, 112 7, 472 4, 067 2, 342 2, 923 2, 204 2, 139	3, 604 2, 972 3, 039 2, 893 3, 053 1, 733 1, 762 2, 757	1, 503 1, 387 1, 865 2, 044 2, 601 2, 549 1, 353 2, 221	131, 282 148, 752 104, 188 93, 457 81, 893 63, 195 44, 358 45, 683	39 44 26 22 19 13 12 20	58 63 45 45 39 34 28 27	3, 056 4, 515 2, 893 2, 471 2, 031 2, 055 1, 843 1, 586	3, 325 8, 212 1, 845 2, 065 2, 411 1, 385 1, 306 1, 405	26, 861 35, 987 26, 010 20, 582 20, 692 19, 337 20, 157 15, 631	34, 323 41, 117 32, 524 33, 989 29, 280 35, 806 29, 620 32, 016	629, 110 593, 601 579, 195 595, 782 599, 761 604, 008 611, 301 621, 078
January February March April May. Monthly average, January through May:	48 33 27 44 51	130 107 118 181 218	108 91 99 153 <b>185</b>	5 152 660 411 54	21,718 15,333 18,064 27,317 33,539	3, 358 3, 298 6, 632 8, 255 <b>9, 396</b>	7, 059 5, 521 5, 528 5, 662 <b>5, 093</b>	3, 084 3, 136 2, 528 2, 656 <b>2, 445</b>	79, 821 69, 464 78, 741 119, 909 <b>150, 000</b>	30 28 28 41	31 29 34 45	1,806 1,871 1,630 2,499	2, 011 1, 764 1, 616 2, 874	19, 928 18, 825 15, 701 22, 817 38, 785	30, 663 22, 969 28, 475 21, 034 26, 736	614, 851 618, 299 622, 142 617, 490 <b>611, 000</b>
1931	71 38 41	264 138 <b>151</b>	221 114 127	491 60 <b>256</b>	42, 785 23, 467 <b>23, 194</b>	11, 851 6, 511 <b>6, 188</b>	9, 799 4, 646 <b>5, 773</b>	4, 966 2, 189 2, 770	195, 044 102, 975 <b>99, 587</b>	∘ 56 ∘ 34 ∘ <b>32</b>	∘ 83 ∘ 49 ∘ 35	9 3, 453 9 2, 904 9 1, 952	9 3, 096 9 2, 421 9 2, 066	29, 675 25, 935 <b>23, 211</b>	38, 502 36, 043 25, 975	518, 614 626, 031 <b>616, 756</b>

Adjusted for seasonal variation.

• 4 months' average.

### Chemical Industries

MPROVED general business activity in May and early June served to modify the seasonal recession in the chemical and allied industries usually experienced at this time of year. The heavy chemical branch has shared in the general rise in manufacturing activity. Prices in all sections turned definitely upward. Employment declined by less than the normal seasonal amount, while pay rolls increased to the highest volume recorded since June a year ago. Several sections of the chemical industry have perfected trade association organizations to function under the Industrial Recovery Act.

May employment declined less than usual at this time of year, and when allowance is made for the normal seasonal movement, the volume surpassed that of any of the months since January 1932. The greatest gains in employment occurred in the heavy chemicals, paint and varnish, soap, and rayon and allied products sections of the industry, while the losses were recorded in the fertilizer, drug, and cottonseed oil, cake, and meal divisions.

Pay rolls increased in May for the second consecutive month to reach the highest volume recorded during the past 10 months. The most important rise took place in the heavy and general chemicals branch.

Stocks of chemical raw materials on hand declined about the normal seasonal amount in May to approximately the same level reached at this time in the past 2 years. Manufactured stocks, however, were drawn

upon to more than the usual seasonal extent and declined to the lowest volume recorded during the past 3 years. Stocks of finished products on hand in May were 16 percent less than at this time a year ago.

Reflecting increased activity in the iron and steel industry, the production of byproduct coke rose 16 percent in May to the highest monthly volume recorded during the past year.

Production of wood rosin and turpentine rose sharply in May from the low level reached in April, the output of the former increasing by a fourth to exceed the level reached in this month a year ago. Receipts of gum rosin and turpentine at three ports mounted rapidly and more than seasonally in May, the increases over the previous month amounting to approximately 75 percent in each case. Prices of gum rosin and turpentine increased in May by 25 and 9 percent, respectively. Stocks of the gum products on hand at the end of the month showed the usual seasonal increase for this time of year while stocks of the wood products declined.

Fertilizer consumption in Southern States usually falls off abruptly in May, but this year an increase was registered over the exceedingly low April absorption. The volume about doubled between these months, the current consumption being greater than the normally low levels reached in May of the past 2 years. Imports of fertilizers were approximately the same in May as in the month previous, although there is usually a sharp decline in this period.

#### CHEMICAL STATISTICS

		G	eneral o	peratio	ıs			Alcohol							Fertilize	r
	Electri-	Emplo	yment	Dave	Sto	cks	Ethyl	Re- fined	Syn- thetic	By- prod- uct coke	Explo- sives	Bosin, wood	Tur- pen- tine, wood			
Year and month	cal energy con- sump-	Unad-	Ad-	Pay rolls unad- justed	Manu- fac-	Raw mate-		meth- anol	meth- anoi	CORC			Wood	Con- sump- tion <sup>2</sup>	Total imports	Nitrate of soda imports
	tion	justed	justed 1	Justeu	tured 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	rrels	Thous. of short tons	Long	g tons
1930: May 1931: May		104. 6 91. 4	106. 5 93. 0	106. 6 88. 4	134 127	96 88	13, 245 13, 120	406 118	583 784	4, 235 3, 126	36, 147 26, 960	40, 933 33, 593	7, 454 5, 996	235 195	89, 763 72, 159	42, 308 34, 006
1932:   May	129. 9 123. 8 124. 9 116. 6 126. 8 129. 0 130. 1	78. 3 74. 2 72. 3 72. 2 74. 0 75. 1 75. 5 75. 4	79. 7 76. 4 74. 7 74. 0 73. 7 74. 9 75. 2 75. 2	66. 9 63. 2 60. 0 60. 0 59. 8 60. 7 60. 9 59. 8	131 118 120 116 121 122 121 121	93 91 88 90 112 122 122 127	11, 578 10, 577 11, 908 12, 365 13, 355 13, 140 7, 391 5, 278	72 97 84 151 102 198 141	743 713 794 793 698 571 532 644	1,743 1,537 1,523 1,474 1,544 1,739 1,752 1,786	16, 896 14, 018 12, 563 17, 903 19, 557 22, 624 20, 753 17, 930	30, 597 29, 483 30, 076 31, 141 31, 155 33, 132 31, 308 29, 220	5, 151 4, 827 4, 878 4, 861 5, 020 5, 202 5, 454 5, 070	156 68 14 40 97 98 60 85	84, 783 58, 018 49, 985 57, 530 88, 006 91, 619 85, 206 47, 956	37 647 11 0 517 13 4,887 48
January February March April May Monthly average, Janu-	126. 0 130. 0 115. 6 121. 0 126. 6	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 <b>61. 9</b>	122 120 123 119 113	112 104 99 93 <b>90</b>	6, 014 9, 084 8, 229 9, 012	166 117 124 83 95	353 325 178 425 366	1, 785 1, 639 1, 666 1, 656 <b>1, 921</b>	17, 777 16, 008 15, 804 16, 005 15, 781	31, 188 25, 583 26, 597 24, 926 <b>31, 045</b>	4, 975 4, 175 4, 255 3, 831 <b>5, 028</b>	205 298 825 119 235	94, 313 90, 349 97, 507 102, 204 <b>101, 085</b>	405- 2, 516 106- 66- 8, 431
ary through May: 1931 1932 1933	137. 8 129. 0 123. 8	94. 6 80. 9 78. 6		90. 7 69. 5 <b>60. 9</b>	130 132 119	98 103 <b>100</b>	9 10, 958 9 10, 807 9 8, <b>0</b> 85	220 116 117	747 578 329	3, 104 1, 962 <b>1, 733</b>	17, 406	31, 908 25, 286 27, 868	5, 694 4, 128 <b>4, 453</b>	726 441 336	149, 982 92, 564 <b>97, 092</b>	67, 088 8, 861 <b>2, 305</b>

<sup>&</sup>lt;sup>1</sup> Adjusted for seasonal variation.

<sup>2</sup> Southern States.

<sup># 4</sup> months' average.

### Farm and Food Products

PERATIONS in the foodstuffs industry improved during May, and pay rolls in all the group classifications of the industry were higher than in April with the exception of the flour milling branch. The Federal Reserve Board's production index (which is computed from the livestock slaughtered, flour milled, and sugar melted) dropped from the exceptionally high point touched in April.

Wholesale prices of foods again increased during May, making the third successive monthly advance. The gain over April amounted to 5.9 percent. Farm prices have also increased substantially.

Receipts of bread grains at primary markets registered a greater than seasonal gain during May. Stocks of corn increased more than 5,000,000 bushels over April to the highest point since March 1928; holdings of oats were also higher, but wheat stocks declined 7,388,000 bushels. The crop forecast of winter wheat as of June 1 showed no change in the outlook for this harvest which will be the smallest in nearly 30 years. Movement of livestock to markets revealed a greater than seasonal movement during May, substantial gains being noted in the receipts of cattle, calves, hogs, and sheep.

Plans have been drawn up to place into effect the provisions of the Agricultural Adjustment Act as it relates to wheat and cotton. For wheat the plan

provides for a decrease in the acreage planted of one fifth, but its operations have been held in abeyance pending a discussion of a general reduction on the part of other large wheat-growing countries. A fluctuating tax on the milling of wheat will be imposed to make up the difference between the parity price and the price at the farm market. The effective date of the tax has not been set but it is expected to be put in force within a short time after the beginning of the crop year.

A plan has also been drawn provided for a reduction in the 1933 acreage of cotton of approximately 25 percent. Adjustment for holding 10,000,000 acres out of cultivation will be compensated for by funds obtained from a processing tax. This tax, to be levied against spinners will begin, according to present plans, on August 1, and will amount to the difference in the average farm price for cotton at the time it becomes effective and the pre-war price of 12.4 cents per pound. The growers withdrawing acreage will be compensated by either of the following: (1) a rental varying from 6 to 12 dollars per acre according to yield, plus the privilege of taking an option on Government-owned cotton at 6 cents a pound in amounts equaling their crop reduction or (2) a higher rental varying from 7 to 20 dollars per acre without the privilege of taking the cotton option.

#### FOODSTUFFS STATISTICS

	Fo	od prod	uets	Agricu marke	ltural tings		Wheat		Co	rn	Anir	nals an	d anim	al prod	uets	Imp	orts
	F.B		prices		products	principal kets	ply, ates, th	ghted av- 6 mar- grades	cipal	yellow, City	s		Me	ats	Butter (2)		
Year and month	Production adjusted 1	Employment adjusted 1	Wholesale pr	Crops	Animal prod	Receipts, prin markets	Visible supply, United States, end of month	Price, weighted a erage, 6 ma kets, all grades	Receipts, principal markets	Price, No. 3 ye Kansas Ci	Cattle receipts	Hog receipts	sump- tion, appar-	Stocks, cold stor- age, end of month	con- sump- tion, appar-	Raw sugar ³	Coffee
	Month age, 1923	ly aver- 3-25=100	Monthly average, 1926=100	Monthl age, 1923	y aver- -25=100	Milli bus	ons of hels	Dollars per bushel	Mil- lions of bushels	Dollars per bushel	Thou	sands	Milli	ons of po	unds	Thou- sands of long tons	Thou- sands of bags
1930: May 1981: May 1932:	97 89	97. 1 90. 8	92. 2 73. 8	57 67	102 97	17 31	120 198	1. 01 . 76	16 11	. 78 . 52	1, 517 1, 551	3, 293 2, 938	1, 076 1, 060	950 1, 062	157 166	682 353	915 1, 415
May June July August September October November December	89 83 81 83 95 89 83 84	83. 2 81. 1 79. 4 81. 0 81. 8 81. 3 80. 7 80. 0	59. 3 58. 8 60. 9 61. 8 61. 8 60. 5 60. 6 58. 3	52 41 51 71 124 164 131 84	95 88 80 85 81 83 84 81	15 13 41 41 38 27 18 14	171 167 178 188 194 190 177 169	. 61 . 53 . 48 . 55 . 55 . 51 . 49 . 46	10 5 7 14 19 25 13 12	. 34 . 33 . 35 . 35 . 29 . 24 . 24 . 22	1, 397 1, 338 1, 291 1, 606 1, 689 1, 896 1, 543 1, 161	3, 050 2, 545 2, 159 2, 405 2, 505 2, 691 2, 775 3, 121	1, 033 1, 018 956 1, 002 1, 096 1, 088 1, 042 1, 014	1, 020 940 844 751 637 544 513 620	167 132 133 149 142 142 139 134	457 314 340 468 328 239 186 174	1, 056 1, 079 671 601 782 923 935 945
January	89 89 91 105 <b>101</b>	79. 6 79. 2 78. 4 81. 5 82. 6	55. 8 53. 7 54. 6 56. 1 <b>59. 4</b>	69 52 55 58 80	81 69 76 86 <b>103</b>	13 10 13 16 23	158 148 137 126 119	. 48 . 48 . 53 . 64 . 73	13 13 10 17 <b>26</b>	. 23 . 22 . 26 . 33 . 39	1, 318 1, 136 1, 171 1, 296 1, 558	3, 381 2, 699 2, 638 2, 798 3, 143	1,061 919 993 1,030 <b>1,110</b>	717 751 749 780 <b>861</b>	129 123 129 134 161	258 289 430 536 <b>491</b>	911 1, 083 1, 109 922 1,187
May: 1931 1932 1933	91 89 <b>95</b>	90. 5 83. 7 80. 2	77. 2 61. 9 <b>55. 9</b>	68 67 <b>63</b>	92 85 83	29 17 <b>1</b> 5	201 193 <b>138</b>	.73 .60 .57	17 11 16	. 54 . 35 . 29	1, 503 1, 362 1, 296	3, 514 3, 365 <b>2, 932</b>	1, 012 1, 027 1, 023	1, 057 990 772	142 139 135	379 442 <b>401</b>	1, 266 1, 088 1, 042

<sup>1</sup> Adjusted for seasonal variation.

<sup>2</sup> Revised. Earlier data may be found on p. 19 of June 1933 issue.

<sup>3</sup> Includes receipts from Hawaii and Puerto Rico,

### Forest Products

MAY and early June developments favorable to general business were reflected in the improved position of the lumber industry. Activity increased in all branches, with the most pronounced improvement in orders, and a slightly slower pick-up in shipments and production.

The outstanding feature of the situation in May and early June was the increase of 36 percent in new orders received in the last week of the period over orders in the first week. This was accompanied by rising prices. Shipments increased less than new orders during this time, resulting in a 60 percent rise in unfilled orders. At the same time production was less than shipments, and existing stocks on hand were further curtailed.

The lumber industry was among the first to organize its various units so as to prepare to function under the Industrial Recovery Act. Other Government programs, such as those relating to home loans and the stimulation of construction, are being closely followed due to their direct effect on the demand for lumber.

Production of lumber rose sharply during May and early June in response to increased orders. The May volume of output was the largest recorded during the past year and a half, and represented an increase of 23 percent from the previous month's production. Current output is 60 percent above that of last February, when a definite turn in the previously downward trend took place.

Employment in the lumber and allied products industries as a group increased 7 percent in May as compared with April. Normally, there is no appreciable change in this period. Pay rolls rose 15 percent, reflecting an increase in the time worked by those already employed as well as the augmentation of the number of employees working. Employment is currently 9 percent below May a year ago, while pay rolls have fallen off 19 percent in this period.

Carloadings of forest products have continued to increase, the rise amounting to about a fifth in each of the months April and May. Current loadings are the highest reached during the past year and a half and are 11 percent greater than in May 1932.

Naval stores marketings were up more than seasonally in May, the normally sharp increase at this time being greatly surpassed. Marketings in this month were a fifth above a year ago, and were about 10 percent less than in May 1931.

Southern pine new orders were up 59 percent in May after remaining stationary from March to April. The current volume surpasses that of any month since January 1931 and is 75 percent greater than in this month a year ago. Production rose about a third in May whereas there is usually a slight seasonal decline at this time. Shipments failed to keep pace with the rise in orders, and unfilled orders on hand increased over a third.

#### FOREST PRODUCTS STATISTICS

	Gene	ral opera	ations		xes of teting	Car-	South	ern h <b>a</b> re	lwoods	ID	ouglas	Ar	Sot	ithern j	ine	Hous furni	
Year and month	Lum- ber pro- duc- tion, ad- justed	Em- ploy- ment, ad- justed	Pay rolls, unad- justed	Total forest prod- ucts	Naval stores	load- ings, forest prod- ucts <sup>2</sup>	Pro- duc- tion	New orders	Un- filled orders	Pro- duc- tion <sup>2</sup>	New orders <sup>2</sup>	Un- filled orders, end of month	Pro- duc- tion	New orders	Un- filled orders	Ship- ments	Un- filled orders, end of month
	N	Ionthly :	average 1	923-25=1	00	Thou- sands of cars			M	illions of	feet, bos	ard measu	ıre			da	nber ys' uction
1930: May 1931: May 1932:	76 48	73. 9 55. 4	73. 2 45. 7	79. 6 66. 7	174. 7 136. 5	51. 9 32. 9	240 146	195 158	603 431	77. 0 41. 4	72.9 37.8	201. 9 135. 6	258 148	230 158	160 84	12 11	26 11
May June June July August September October November December 1933:	26 25 23	39. 0 37. 9 36. 1 35. 7 36. 6 37. 6 37. 3 36. 8	22. 2 20. 9 19. 0 19. 3 20. 9 22. 4 20. 9 18. 8	57. 7 53. 3 55. 4 54. 8 51. 5 55. 9 51. 3 46. 9	102. 3 104. 0 114. 3 107. 4 89. 4 78. 4 77. 2 70. 3	18. 7 16. 8 14. 6 15. 5 17. 1 18. 9 16. 0 13. 2	98 94 71 59 68 68 68 49	101 90 83 114 154 113 101 68	270 242 227 265 275 256 246 252	25. 0 22. 2 15. 9 22. 5 24. 1 22. 7 21. 1 16. 4	27. 0 26. 2 21. 3 29. 2 38. 4 22. 5 23. 7 21. 2	71. 2 60. 4 57. 7 81. 0 119. 1 76. 1 81. 9 85. 1	100 91 83 91 80 113 99 75	103 96 91 149 134 144 91 68	62 44 46 80 82 75 50 44	6 6 7 9 12 12 9 6	7 7 10 10 11 9 7 6
January February March April May Monthly average, January through May:	26 20 22 24 30	35. 0 34. 4 32. 5 33. 3 35. 7	16. 3 16. 3 14. 3 15. 6 18. 0	50. 8 50. 8 54. 0 56. 2	31. 7 23. 0 32. 9 69. 4 122. 2	13. 7 13. 7 14. 6 17. 2 20. 8	60 60 64 71	79 90 98 146	238 230 226 247	23. 4 24. 4 21. 1 28. 8 34. 4	26. 4 24. 3 28. 3 33. 6 57. 3	120. 9 109. 7 107. 9 120. 4 195. 2	85 78 87 89 116	96 76 113 113 180	57 55 64 67 <b>92</b>	6 7 5 6 <b>6</b>	7 5 5 5 7
1931 1932 1933	47 26 24	55. 8 41. 5 34. 2	45. 3 24. 5 16. 1	• 58. 0 • 52. 9 • <b>53. 0</b>	67. 4 50. 0 55. 8	33, 5 19, 2 <b>16, 1</b>	∘ 153 ∘ 86 ∘ 64	0 171 0 111 0 103	9 468 9 309 9 <b>235</b>	44. 7 25. 0 26. 4	48. 7 27. 3 34. 0	182, 5 91, 9 130, 8	159 96 <b>91</b>	173 113 <b>116</b>	107 67 <b>67</b>	13 10 6	15 10 6

<sup>&</sup>lt;sup>1</sup> Adjusted for seasonal variation

<sup>&</sup>lt;sup>2</sup> Weekly average

<sup>3</sup> Grand Rapids district.

<sup>4</sup> months' average.

### Iron and Steel Industry

CONTINUED contraseasonal expansion in demand for steel brought the rate of operations by the latter part of June to 50 percent of capacity, the highest activity reported in over 2 years. A year ago the operating rate was around 16 percent of capacity and the trend was downward. Support in the industry continued primarily from the automotive industry and from miscellaneous sources. Railway, construction, and oil industry requirements showed little improvement.

General operations for the month of May advanced 40 percent over the April showing, according to the Federal Reserve Board's adjusted index. Although 5 percent additional wage earners were employed, the number was still under the total reported last December and 7 percent below May a year ago. The relatively wider increase occurring in pay rolls placed wages 19 percent above the average amount received by mill labor during the first 5 months of the year.

Iron and steel exports in May, amounting to 123,000 tons, exceeded those of any month since October 1930. Japan continued the largest market, taking 76,000 tons, substantially all of which was scrap. Total exports in the first 5 months of 1933 reached 425,000 tons, 155,000 more than in the same period of 1932. Imports during these months amounted to 118,000 tons, a decrease of more than 30 percent as compared to the corresponding months of 1932.

The gain in steel ingot production during May was the second consecutive increase. Output was nearly 80 percent larger than the tonnage produced in May last year; 22 percent below production in May 1931; and approximately half the output reported in May 1930. Operations averaged 34 percent of capacity, which was more than double the March rate.

Pig iron output, at 887,000 tons, was the largest total reported since March 1932. Average monthly production through May, however, was 30 percent below the tonnage produced in this period last year and only one third the output for the corresponding months of 1931. Fifteen additional stacks were placed in operation during the month, bringing the total above the average number in blast during the first 5 months of both this and last year.

Reversing the usual trend in May, an increase in unfilled orders on the books of the United States Steel Corporation placed the tonnage at the highest level since December. The total, however, fell short of the backlog a year ago and was only slightly more than half the figure reported for May 1931.

Outstanding among price advances during May was that in scrap, which was quoted 41 percent higher in the Chicago district. Finished steel prices increased slightly and the composite price of iron and steel rose to \$28.75 in early June. No change has occurred in quotations of steel billets since the decline reported last June.

#### IRON AND STEEL STATISTICS

	Gener	al opera	tions	Iron ste	and eel	Pig	iron	Steel is	ngots		teel eets '	United States Steel	Man-		P	rices	
Year and month	Produc- tion, ad- justed <sup>1</sup>	Em- ploy- ment, ad- justed	Pay rolls, unad- justed	Ex- ports	Im- ports	Pro- due- tion	Fur- naces in blast	Pro- duc- tion	Per- cent of ca- pac- ity	New or- ders	Ship- ments		(man- ganese con-1 tent)	Iron and steel, com- pos- ite	Steel billets, Besse- mer (Pitts- burgh)	Steel scrap (Chi- cago)	Finished steel, com- posite
	Mont 19:	thly aver 23-25=10	age, 0	Tho	usands tons	of long	Num- ber	Thou- sands of long tons	Per- cent		sands of rt tons		ands of tons	Dolla	rs per lo	•	Dollars per 100 pounds
1930: May 1931: May 1932:	67	91. 6 74. 8	95. 5 64. 9	195 95	54 37	3, 233 1, 994	180 105	3, 983 2, 552	74 46	205 149	266 192	4, 059 3, 620	30 21	33. 84 31. 39	32, 50 29, 50	12. 50 8. 88	2.35 2.21
May June July August September October November December 1933:	25 23 28 31 31	56. 5 54. 8 52. 1 50. 6 51. 3 53. 2 53. 8 52. 8	30. 4 26. 0 22. 2 22. 1 23. 4 26. 2 25. 6 24. 2	80 52 53 33 36 41 56 54	40 34 18 24 29 34 35 29	784 628 572 531 593 645 631 546	53 46 46 42 47 49 51 42	1, 125 913 807 847 992 1, 087 1, 032 861	20 16 15 15 18 19 18 15	91 85 66 66 79 95 66 77	1073 903 73 61 75 92 771 67	2, 177 2, 035 1, 966 1, 970 1, 985 1, 997 1, 968 1, 968	2 4 3 3 0 0 1 8	29. 62 29. 54 29. 48 29. 33 29. 32 29. 32 29. 12 28. 93	27. 00 26. 50 26. 00 26. 00 26. 00 26. 00 26. 00 26. 00	6. 40 5. 69 4. 88 5. 75 6. 25 6. 00 5. 93 5. 25	2. 17 2. 17 2. 17 2. 17 2. 16 2. 16 2. 15 2. 14
January February March April May Monthly average, January	29 31 21 35 49	50. 6 51. 4 48. 3 50. 0 52. 5	22. 7 24. 7 22. 4 24. 4 29. 5	57 64 81 100 123	22 20 22 28 26	569 554 542 624 887	45 45 38 48 <b>63</b>	1, 030 1, 087 910 1, 363 2, 002	18 21 16 25 34	76 81 83 119 <b>144</b>	79 73 75 100 <b>119</b>	1,899 1,854 1,841 1,865 1,930	0 0 2 3 2	28. 69 28. 31 28. 35 28. 16 28. 45	26. 00 26. 00 26. 00 26. 00 26. 00	5. 25 5. 25 5. 25 6. 00 8. 45	2. 12 2. 10 2. 10 2. 06 2. 08
through May: 1931 1932 1933	72 36 <b>33</b>	76. 3 60. 6 <b>50. 6</b>	66.8 34.3 24.7	98 54 85	39 35 <b>24</b>	1, 893 908 <b>635</b>	109 60 48	2, 686 1, 357 1, 278	49 24 <b>23</b>	185 105 <b>101</b>	192 112 89	3, 922 2, 434 1, 878	17 8 1	31. 60 29. 71 28. 39	29. 90 27. 15 <b>26. 00</b>	9. 79 7. 04 <b>6. 04</b>	2. 22 2. 15 2. 09

Adjusted for seasonal variation.

<sup>&</sup>lt;sup>2</sup> Black, blue, galvanized, and full finished.

### Textile Industry

TEXTILE production in May increased sharply for the second successive month and the Federal Reserve Board's seasonally adjusted index averaged 106 percent of its 1923–25 average, an increase of 25 percent over April and the highest figure since November 1929. Recent reports indicate that the improvement continued in June. Employment in May increased 5.5 percent over the preceding month and pay rolls were 8 percent larger according to the indexes of the Bureau of Labor Statistics.

Wholesale prices of textiles averaged 8 percent higher in May than in April and rose a further 5 percent from June 3 to 17.

Raw cotton consumption per working day averaged 23.281 running bales in May compared with 19.018 bales in April and only 13,034 bales in May of last year. It was the largest monthly consumption since October 1929. May activity of spinning machinery, at 112.3 percent of capacity on a single shift basis, was 17 percent more than in April and 77 percent larger than in the corresponding month of 1932. In the cotton growing States 90 percent of the spindles in place were operated at sometime during the month, and in the New England States 62 percent, as compared with 88 percent and 56 percent, respectively, in April. Production of cotton printed cloths in May increased 28 percent over the April output but was slightly smaller than in March. Shipments of these goods were smaller than production causing stocks at the end of May to rise 1.2 percent above the total at the end of April.

Wholesale prices of cotton goods rose 14 percent, the second successive advance to reach the September 1932 level. The May index was 9.5 percent higher than in May of last year. Compared with 1929, cotton goods prices in May were 41 percent lower, and also 7.7 percent lower than the May combined index of all commodities.

Following the slow revival of activity in April, wool consumption increased 63 percent in May and was nearly three times the consumption of May 1932. It was also 4.3 percent more than the consumption in May 1931. There was a considerable increase in the operating time of woolen and worsted spindles and of looms. Activity of woolen spindles increased from 53 percent of capacity on a single shift basis in April to 77 percent in May; worsted spindles from 35 to 72 percent; narrow looms from 29 to 46 percent; and wide looms from 42 to 66 percent. Wholesale prices of woolen and worsted goods rose 15 percent from April to May.

Deliveries of raw silk to American mills in May were 13 percent greater than in the preceding month, and were the largest since last October. They were 43 percent larger than in May 1932 and 4.6 percent more than in the same month of 1931.

Prices of 13-15 Japanese raw silk in New York averaged \$1.586 per pound in May compared with \$1.324 in April and an average of \$4.933 in 1929.

#### TEXTILE STATISTICS

	-pe	Cotton, raw	Cotto	n and	manufa	etures	Wool	Woo	l mar	ufact	ures	price, worsted			Sük		
	n index	consump- tion	activity,	Cotto finisi	n cloth ning <sup>1</sup>	price,	tion 3	Spin spin	ning dles	Loo	ms	ale pr and wo	o mills	Operat ei	ions, m y activi	achin- ty	price, anese, r York)
Year and month	Production index, justed 1	Mill cons	Spindle ac	Produc- tion	Stocks, end of month	Wholesale price, cotton goods	Consumption 3	Woolen	Worsted	Narrow	Wide	Wholesa woolen a goods	Deliveries to	Broad looms	Narrow looms	Spinning spindles	Wholesale price, raw, Japanese, 13-16(New York)
	Month- ly av- erage, 1923-25= 100	Run- ning bales	Mil- lions of spindle hours		ands of rds	Month- ly av- erage, 1926= 100	Thou- sands of pounds	Perce to	ent of a total	etive h reporte	ours d	Month- ly av- erage, 1926= 100	Bales of 133 pounds	i rercemi	of activ to total	e hours	Dollars per pound
1930: May 1931: May	88 97	473, 284 465, 363	6, 725 6, 733	58, 588 67, 704	85, 381 74, 436	89. 0 69. 2	32, 641 44, 966	60 60	52 66	39 45	51 58	80. 0 68. 5	40, 823 45, 073	87. 9 76. 3	55. 0 42. 5	59. 1 49. 5	3. 940 2. 266
May June July August September October November December	59 63 69 90 104	332, 372 322, 706 278, 568 402, 601 491, 655 502, 244 503, 722 440, 062	4, 592 4, 250 3, 656 5, 539 6, 866 7, 046 6, 967 6, 386	43, 868 40, 993 37, 404 64, 480 87, 988 87, 956 69, 515 79, 175	86, 324 71, 364 71, 624 62, 547 59, 040 66, 633 74, 850 81, 933	52, 9 51, 0 50, 0 52, 6 57, 9 56, 2 53, 6 51, 7	16, 519 18, 933 26, 719 41, 361 46, 055 42, 423 38, 963 36, 532	30 39 59 70 73 60 55	25 34 50 57 74 73 58 57	18 16 17 26 36 43 42 33	28 31 45 60 65 66 59 58	58. 3 55. 0 53. 6 53. 4 56, 7 56. 5 55. 3 54. 2	38, 382 59, 905 59, 694	43. 2 39. 5 47. 1 67. 6 83. 7 84. 5 76. 2 83. 2	39. 6 35. 8 45. 9 38. 3 43. 6 46. 8 45. 3 34. 2	30. 4 28. 6 41. 0 50. 2 62. 0 61. 9 52. 2 55. 5	1. 231 1, 194 1. 231 1. 647 1. 805 1. 673 1. 562 1. 550
January February March April May May ary through May:	87 83 76 85 <b>106</b>	471, 202 441, 663 494, 167 470, 685 <b>620, 909</b>	6, 788 6, 286 7, 048 6, 569 8, <b>310</b>	88, 300 93, 773 95, 746 74, 463 <b>95, 325</b>	80, 097 82, 272 80, 446 80, 765 81, 740	50. 1 49. 1 50. 0 50. 7 57. 9	35, 510 33, 278 24, 943 28, 701 46, 898	59 60 42 53 77	56 57 32 35 72	36 36 28 29 46	59 68 43 42 66	53. 4 53. 2 53. 2 53. 3 61. 5	32, 665 38, 934	89. 7 80. 6 56. 6 59. 2 75. 4	37. 2 36. 8 36. 3 42. 2 46. 0	56. 8 48. 9 38. 2 49. 8 52. 3	1, 305 1, 201 1, 182 1, 324 <b>1, 586</b>
ary through May: 1931 1932 1933	94 76 87	469, 611 414, 745 499, 725	6, 669 5, 908 <b>7, 000</b>	77, 373 70, 907 8 <b>9, 521</b>	68, 561 80, 284 81, 064	71. 9 55. 3 <b>51. 6</b>	41, 065 26, 907 33, 866	57 42 58	57 39 50	36 22 35	56 43 56	71.3 61.4 <b>54.9</b>	50, 393 44, 033 41, 373	90. 3 66. 4 72. 3	44. 4 43. 1 <b>39. 7</b>	54. 8 41. 3 49. 2	2. 522 1. 623 1. 320

<sup>&</sup>lt;sup>1</sup> Adjusted for seasonal variation.

Grease equivalent.

Printed only (mill and outside).

#### LIFE INSURANCE—ADMITTED ASSETS 1

[Thousands of dollars]

		Mo	rtgage loar	ıs	JB	onds and s	tocks held	(book value)	)	Policy
Year and month	Grand total	Total	Farm	Other	Total	Govern- ment	Public utility	Railroad	Other	loans an premium notes
923 monthly average	7, 386, 000	2, 686, 000	1, 253, 000	1, 434, 000	3, 321, 000	1, 218, 000	281, 000	1, 750, 000	72, 000	924, 00
924 monthly average	8,066,000	3, 128, 000	1, 395, 000 1, 484, 000	1,734,000	3, 423, 000	1, 117, 000	365, 000	1,849,000 1,974,000	92,000	991, 00
925 Monthly average	9 904 000	3, 595, 000 4, 198, 000	1, 484, 000	2, 111, 000 2, 647, 000	3, 646, 000 3, 879, 000	1,050,000 969,000	521, 000 686, 000	2, 117, 000	102, 000 108, 000	1,066,00 1,173,00
925 monthly average 926 monthly average 927 monthly average	11,009,000	4, 815, 000	1, 601, 000	3, 215, 000	4, 144, 000	921,000	852,000	2, 229, 000	141,000	1, 303, 00
anuary. Pebruary Varch April May une uly uly Lugust September November	11 668 000	5, 089, 000	1, 603, 000	3, 486, 000	4, 410, 000	937, 000	1, 004, 000	2, 311, 000	158, 000	1, 378, 00
Pebruary	11, 760, 000	5, 115, 000	1,601,000	3, 514, 000	4, 446, 000	937,000	1, 017, 000	2, 330, 000	162,000	1, 392, 00
March	11, 857, 000	5, 140, 000	1, 592, 000	3, 548, 000	4, 498, 000	938, 000	1, 050, 000	2, 345, 000	165,000	1, 407, 00
April	11, 965, 000	5, 185, 000 5, 228, 000	1, 590, 000 1, 589, 000	3, 595, 000 3, 639, 000	4, 554, 000 4, 596, 000	941, 000	1,064,000 1,097,000	2, 359, 000 2, 372, 000	190, 000 202, 000	1, 421, 00 1, 437, 00
une	12, 159, 000	5, 278, 000	1, 588, 000	3, 690, 000	4, 611, 000	925, 000 902, 000	1, 112, 000	2, 389, 000	202, 000	1, 454, 00
uly	12, 274, 000	5, 324, 000	1, 589, 000	3, 735, 000	4,654,000	912,000	1, 128, 000	2, 397, 000	217, 000	1,467,00
ugust	12, 368, 000	5, 368, 000	1, 589, 000	3, 779, 000	4, 693, 000	923, 000	1, 138, 000	2,411,000	221,000	1, 481, 10
eptember	12,471,000	5, 415, 000	1, 592, 000 1, 594, 000	3, 823, 000	4,708,000	927, 000	1, 151, 000	2, 405, 000   2, 410, 000	225, 000 233, 000	1, 491, 00
Jovember	12, 590, 000	5, 470, 000 5, 503, 000	1, 594, 000	3, 876, 000 3, 912, 000	4,741,000 4,804,000	935, 000 945, 000	1, 163, 000 1, 180, 000	2,410,000	243, 000	1, 505, 00 1, 518, 00
December	12, 849, 000	5, 566, 000	1, 594, 000	3, 972, 000	4, 856, 000	954,000	1, 203, 000	2, 447, 000	252, 000	1, 533, 00
Monthly average	12, 228, 000	5, 307, 000	1, 593, 000	3, 714, 000	4, 631, 000	931, 000	1, 109, 000	2, 384, 000	206, 000	1, 457, 00
1929	10.040.000		* ***	4 010 000				0.450.000	077 000	
anuary February March April May une uly August September October November December	12, 942, 000   13 032 000	5, 605, 000 5, 628, 000	1, 592, 000 1, 589, 000	4, 013, 000 4, 039, 000	4, 901, 000 4, 941, 000	974, 000 983, 000	1, 219, 000 1, 231, 000	2, 452, 000 2, 462, 000	255, 000 265, 000	1, 549, 00 1, 564, 00
Jarch	13, 133, 000	5, 662, 000	1, 585, 000	4, 077, 000	4, 997, 000	1,001,000	1, 247, 000	2, 472, 000	277, 000	1,582,0
pril	13, 229, 000	5, 662, 000 5, 696, 000	1, 585, 000	4, 111, 000	5, 027, 000	1,014,000	1, 252, 000 1, 256, 000	2, 477, 000	284,000	1, 602, 0
fay	13, 333, 000	5, 736, 000	1, 587, 000	4, 149, 000	5, 073, 000	ll 1, 030, 000	1, 256, 000	2, 497, 000	290, 000	1, 625, 0 1, 647, 0
une	13, 428, 000	5, 778, 000 5, 836, 000	1, 587, 000 1, 595, 000	4, 191, 000 4, 241, 000	5, 108, 000 5, 160, 000	1,046,000	1, 261, 000 1, 267, 000	2, 506, 000 2, 516, 000	295, 000 332, 000	1,647,0
nonst	13, 649, 000	5, 873, 000	1, 588, 000	4, 285, 000	5, 176, 000	1, 045, 000 1, 058, 000	1, 274, 000	2, 526, 000	318,000	1, 683, 0
eptember	13, 755, 000	5, 912, 000	1, 589, 000	1 4, 323, 000 <sup>1</sup>	5, 196, 000	1, 066, 000	1, 281, 000	2, 527, 000	322, 000 334, 000	1, 701, 0
ctober	13, 865, 000	5, 959, 000	1, 588, 000	4, 371, 000	5, 224, 000	1,061,000	1, 295, 000	2, 534, 000	334, 000	1, 732, ( 1, 801, (
ovember	13, 974, 000	5, 988, 000 6, 034, 000	1, 586, 000 1, 579, 000	4, 402, 000 4, 455, 000	5, 226, 000 5, 253, 000	1, 037, 000 1, 050, 000	1,311,000 1,319,000	2, 540, 000 2, 539, 000	338, 000 345, 000	1,801,0 1,836,0
Monthly average		5, 809, 000	1, 588, 000	4, 221, 000	5, 107, 000	1,030,000	1, 268, 000	2, 504, 000	305, 000	1, 666, 0
	1		, ,	'		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-,,	,	, , , , ,
anuary Pebruary March Lpril May une uly Angust September Docomber	14, 198, 000	6, 069, 000	1, 578, 000	4, 491, 000	5, 299, 000	1,055,000	1, 348, 000	2, 549, 000	347, 000	1, 868, 0 1, 891, 0
Tebruary	14, 288, 000	6, 087, 000 6, 104, 000	1, 577, 000 1, 567, 000	4, 510, 000 4, 537, 000	5, 332, 000 5, 372, 000	1, 058, 000 1, 058, 000	1, 367, 000	2, 554, 000 2, 554, 000	353, 000 371, 000	1,891,0
nril	14, 502, 000	6, 128, 000	1, 565, 000	4, 563, 000	5, 408, 000	1,062,000	1,389,000 1,398,000	2, 572, 000	376,000	1, 916, 0 1, 936, 0
May	14, 606, 000	6, 148, 000	1, 565, 000	4, 583, 000	5, 459, 000	1,061,000	1,414,000	2, 572, 000 2, 594, 000	390,000	1, 958, 0 1, 986, 0
une	14, 695, 000	6, 158, 000	1, 562, 000	4, 596, 000 4, 627, 000	5, 519, 000	1, 070, 000	1, 441, 000	2,600,000	408, 000 427, 000	1,986,0
шу	14, 790, 000	6, 188, 000 6, 199, 000	1,561,000 1,560,000	4, 639, 000	5, 571, 000 5, 606, 000	1,076,000	1, 450, 000 1, 473, 000	2, 618, 000 2, 621, 000	427,000	2, 011, 2, 034,
eptember	14, 983, 000	6, 209, 000	1, 552, 000	4, 657, 000	5, 637, 000	1, 083, 000 1, 087, 000	1, 488, 000	2, 622, 000	440,000	2, 055,
October	15, 079, 000	6, 230, 000	1, 552, 000 1, 551, 000	4, 679, 000	5, 708, 000	1,093,000	1,520,000	2, 639, 000	456,000	2,091,0
November	15, 176, 000	6, 255, 000	1, 550, 000	4, 705, 000	5, 726, 000	1, 100, 000	1, 526, 000	2, 640, 000	460,000	H 2 120 i
		6, 289, 000	1,543,000	4,746,000	5, 736, 000	1, 102, 000	1, 531, 000	2, 637, 000	466,000	2, 163,
Monthly average	14, 739, 000	6, 172, 000	1, 561, 000	4,611,000	5, 531, 000	1, 075, 000	1, 445, 000	2, 600, 000	410,000	2, 002,
0 M 11 O M 17	15, 352, 000	6, 298, 000	1, 544, 000	4, 754, 000	5, 751, 000	1, 105, 000	1, 544, 000 1, 572, 000 1, 578, 000	2, 633, 000	469,000	2, 205, 2, 234,
anuary February March April May	15, 453, 000	6, 309, 000 6, 316, 000	1,544,000 1,537,000	4, 765, 000 4, 779, 000	5, 801, 000 5, 825, 000	1, 107, 000 1, 119, 000	1,572,000	2, 648, 000 2, 651, 000	474, 000 477, 000 485, 000	2, 234,
pril	15, 622, 000	6, 318, 000	1, 534, 000	4, 784, 000	5, 884, 000	1, 134, 000	1,605,000	2, 660, 000	485,000	2, 292,
May	15, 729, 000	6, 331, 000	1, 530, 000	4, 801, 000	5, 916, 000	1, 163, 000	1,611,000	2, 653, 000	489,000	2, 324,
une	15,831,000	6, 343, 000 6, 340, 000	1, 528, 000 1, 525, 000	4, 815, 000 4, 815, 000	5, 979, 000 6, 024, 000	1, 189, 000 1, 212, 000	1, 644, 000 1, 662, 000	2, 653, 000 2, 657, 000	493, 000 493, 000	2, 356, 2, 380,
August	16, 031, 000	6, 346, 000	1, 523, 000	4, 823, 000	6, 080, 000	1, 257, 000	1, 667, 000	2, 663, 000	493,000	2, 300,
September	16, 095, 000	6, 350, 000	1, 520, 000	4, 830, 000	6, 131, 000	1, 290, 000	1,663,000	2, 669, 000	509,000	2, 438,
October		6, 367, 000	1, 517, 000	4, 850, 000	6, 148, 000	1, 283, 000	1,665,000	2, 686, 000	514, 000	2, 500,
November December	16, 249, 000 16, 324, 000	6, 375, 000 6, 370, 000	1, 514, 000 1, 503, 000	4, 861, 000 4, 867, 000	6, 153, 000 6, 155, 000	1, 284, 000	1, 667, 000 1, 667, 000		514,000 514,000	2, 536, 2, 586,
Monthly average		6, 339, 000	1, 527, 000	4, 812, 000	5, 987, 000	1, 203, 000	1, 629, 000	·	494, 000	2,377,
• •	' '	' '			0,000,000	2, 200, 000	2, 520, 500	_, 502, 500	101,000	2,017,
anuary	16, 417, 000	6, 384, 000	1, 502, 000	4, 882, 000	6, 153, 000	1, 290, 000	1, 665, 000	2, 683, 000	515, 000	2, 647,
ebruary	16, 495, 000	6, 380, 000	1,496,000	4, 884, 000	6, 166, 000		1,672,000	2,679,000	512,000	2,696,
viarcu	16, 541, 000	6, 370, 000 6, 353, 000	1, 488, 000 1, 478, 000		6, 166, 000 6, 157, 000	1, 302, 000 1, 302, 000	1, 678, 000 1, 674, 000	2, 675, 000 2, 671, 000	511,000 510,000	2, 734, 2, 777,
May	16, 592, 000	6, 332, 000	1,468,000		6, 161, 000	1, 302, 000	1, 673, 000	2,665,000	510,000	2, 818,
une	16, 600, 000	6, 306, 000	1, 458, 000	4, 848, 000	6, 159, 000	1, 318, 000	1, 673, 000 1, 670, 000	2, 660, 000	511,000	2, 862,
uly	16, 639, 000	6, 281, 000	1, 450, 000	4, 831, 000		1, 327, 000	1,670,000	2,657,000	508,000	2, 878
August	16,675,000	6, 256, 000 6, 228, 000	1, 443, 000 1, 434, 000	4, 813, 000 4, 794, 000	6, 179, 000 6, 190, 000		1,669,000	2, 655, 000 2, 653, 000	511,000	2, 910 2, 925
October	16, 790, 000	6, 197, 000	1, 434, 000	4, 794, 000	6, 190, 000	1, 353, 000 1, 366, 000	1, 669, 000 1, 671, 000	2,653,000	515, 000 520, 000	
November	16, 830, 000	6, 168, 000	1,415,000	4, 753, 000	6, 224, 000	1, 378, 000	1,674,000	)   2,649,000	523,000	2,941
December	16, 917, 000	6, 136, 000	1, 402, 000		6, 231, 000	1, 400, 000	1, 670, 000	2, 639, 000	522,000	2, 948
Monthly average	16, 647, 000	6, 283, 000	1, 455, 000	4, 828, 000	6, 180, 000	-			514,000	
		. 0. 400, 000	11 1. 100. UUU	9. 023. UUU	0. 180. 000					

<sup>1</sup> Compiled by the Association of Life Insurance Presidents, and represents a revision of the data previously shown, which covered 44 companies. These series are based on reports of 39 companies holding approximately 82 percent of the admitted assets of all United States legal reserve companies. The data are given as of the end of each month and are designed to show the fluctuations in the character of investments of life-insurance companies. Admitted assets embrace all assets permitted by statute to be included for testing the solvency of the companies. In addition to the items separately listed, the total also includes real estate, collateral loans, bills receivable, interest due and accrued, deferred and unpaid premiums, etc. Of the bonds and stocks, approximately 98½ percent are bonds and 1½ percent are stocks. For 1933 data see page 31 of this issue.

#### SURVEY OF CURRENT BUSINESS

#### LIFE INSURANCE—NEW BUSINESS WRITTEN <sup>1</sup>

[Number]

Part			P	olicies and	l certifica	tes			<u> </u>				Policies a	nd certifica	tes
1914 monthly average. 97.225   416, 199   45, 400   492, 204   193 monthly average. 97.265   496, 505   24, 506   71   193 monthly average. 97.265   496, 505   496,	Year		nary	trial	certifi-	policies and cer	<b>-</b> [[		Year			nary	trial	certifi-	Total policies and cer- tificates
Jaguarsy	1914 monthly average		78, 225 83, 362	410, 189 428, 559	4, 090 6, 542	492, 50 518, 46	$egin{array}{c c} 4 & 19 \\ 4 & 19 \\ \hline \end{array}$	918 monthly a 919 monthly a	verage verage			111, 198 179, 45	8   433, 22 7   465, 24	26 26, 266 18 39, 720	550, 100 570, 690 684, 425 742, 730
156, 829   147, 912   171, 255   186, 649   176, 688   184, 792   220, 255   221, 150   221, 147   247, 947   147, 147, 147, 147, 147, 147, 147, 147,	Month	192	192	2 192	3 199	4 1	925	1926	1927	1928	1	929	1930	1931	1932
14, 54, 54, 51, 51, 51, 51, 51, 51, 51, 51, 51, 51					01	DINAR	Y P	OLICIES							·
Monthly average	January	159, 8 162, 3 192, 7 179, 8 180, 6	320 147, 2 310 148, 7 736 179, 9 389 161, 7 368 183, 9 182, 2	16   169, 8 58   216, 6 97   201, 54   212, 6	331   185 351   224 144   214 337   215	953   1 005   2 105   2 686   2	84, 29 20, 29 16, 20 31, 39	192, 176 1 244, 202 230, 562 0 227, 661	205, 490 248, 726 240, 532 235, 397	213, 802 259, 700 229, 894 279, 467	2 2 2 2	38, 362 91, 770 83, 431 92, 778	267, 108 329, 969 309, 608 293, 770	246, 677 320, 656 299, 746 287, 927	247, 757 251, 647 271, 011 248, 104 232, 883 245, 100
Section   Sect	July August September October November December	148, 8 150, 3 148, 1 146, 4 149, 8 155, 0	345   160, 3° 322   160, 4° 177   144, 4° 131   163, 2° 364   170, 3° 120   190, 4°	57 185, 9 94 166, 9 14 194, 7 94 197, 8 27 218, 8	018   166, 025   159, 06   183, 09   206, 85   215,	359   2 837   1 913   2 285   2	02, 80 88, 25 17, 69 19, 33	8   200, 531 2   186, 131 8   213, 474 5   224, 377	213, 592 187, 833 207, 904 204, 597	244, 374 213, 522 262, 583 256, 774	2 2 2 2	72, 846 44, 474 88, 192 80, 363	244, 573 228, 375 260, 541 252, 827	232, 576 222, 760 255, 167 258, 039	227, 858 235, 813 229, 184 248, 499 258, 173 298, 722
Partiery	Monthly average	162, 5	661   166, 09	99 195, (	02 195,	961 2	13, 21	7 218, 919	219, 419	247, 927	2	72, 613	274, 526	270, 859	249, 563
July 431, 365 541, 850 608, 854 695, 845 734, 531 734, 697 732, 665 753, 773 809, 110 886, 318 993, 819 845, 318 2000 7400 7400 7400 7400 7400 7400 7400					IND	USTRIA	AL P	OLICIES							
July 431, 365 541, 850 608, 854 695, 845 734, 531 734, 697 732, 665 753, 773 809, 110 886, 318 993, 819 845, 318 2000 7400 7400 7400 7400 7400 7400 7400	January February March April May June	486, 7 484, 3 621, 1 507, 3 651, 7 550, 4	17 537, 82 527 568, 92 70 683, 55 10 571, 84 07 624, 12 906 578, 78	21   550, 9 62   669, 4 11   950, 4 25   796, 5	71 649, 71 693, 43 705, 38 760,	346   80 648   88	)3, 384 32, 325	787, 138 5 859, 630	767, 121 890, 560 851, 905 902, 343	846, 745 1, 049, 955 980, 796 839, 453	1, 04 1, 04 96 88	91, 644 45, 058 34, 177 38, 462	783, 235 973, 678 893, 017 847, 842	731, 421 881, 059 865, 139 845, 264	803, 546 815, 947 931, 355 859, 751 833, 423 829, 656
January	July	431, 3 445, 7 507, 4 671, 8 580, 8	541, 85 52 511, 54 80 479, 84 660 622, 86 41 610, 59	566, 9 556, 4 61 668, 3 4 656, 8	92   609, 15   614, 93   830, 73   641,	831   1, 19 128   85	99, 183 51, 209	822, 459 870, 324	745, 664 992, 140 940, 847	740, 371 770, 416 946, 284 782, 026	79 80 87 94	95, 451 95, 623 79, 483 11, 358	804, 504 721, 848 846, 805 740, 919	994, 528 722, 866 761, 207 951, 428	845, 294 773, 803 680, 597 781, 262 746, 709 647, 876
Section   Sect	Monthly average	550, 0	65 582, 10	662, 2	59 703,	769 80	<b>14, 38</b> 0	782, 247	823, 700	866, 910	90	1,824	855, 616	881, 560	795, 768
July					GRO	UP CE	RTII	FICATES				_			
Monthly average	уше	0,0	50   13, 37 80   17, 02 08   22, 12 10   11, 69	74 14, 9 28 23, 7 28 33, 0 0 39, 9	45   10, 17   21, 95   24,	639   2 484   2 732   3	22, 764 26, 991 37, 244 23, 174	52, 250 44, 257 60, 919 39, 815	32, 452 64, 803 30, 991 30, 805	53, 800 35, 788 36, 705 48, 839	344	26, 859 35, 986 17, 028 15, 455	34, 732 45, 913 61, 996 45, 832	60, 232 28, 093 59, 230 35, 145	48, 578 20, 548 21, 028 35, 653 23, 013 26, 183
January	July	5, 6 5, 5 6, 4 8, 0 6, 5 39, 0	20   15, 34 21   17, 12 04   13, 94 03   17, 70	16 23, 1 13 16, 9 12 12, 4 14 18, 4	02 14, 11 13, 62 70, 27 25,	814 6 896 2 769 3 770 2	58, 887 20, 033 38, 109 26, 476	7 40, 882 47, 743 9 44, 213 3 70, 363	30, 488 13, 496 23, 797 27, 928	24, 605 52, 943 18, 911 42, 358	4	10, 622 21, 799 19, 062 39, 571	38, 851 45, 713 35, 290 28, 063	26, 217 21, 646 17, 942 18, 942	17, 844 16, 691 41, 463 29, 105 23, 342 43, 063
January	Monthly average	10, 2	99 21, 34	5 34, 8	47 29,	916	15, 533	62, 690	41, 749	46, 607		51, 991	47, 076	35, 299	28, 876
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			.,	T	DTAL PO	LICIES	AN	D CERTIFI	CATES						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	February March April May	654, 1 825, 7 695, 1 842, 3	87   731, 01 86   880, 53 07   755, 76 85   819, 77	1 735, 7 8 909, 8 6 1, 184, 6 9 1, 049, 1	47 845, 39 939, 82 944, 57 996,	727   93 163   1,05 183   1,05 325   1,13	89, 176 56, 799 56, 833 86, 889	898, 369 1, 133, 118 3 1, 078, 619 9 1, 127, 106	1, 005, 063 1, 204, 089 1, 123, 428 1, 168, 545	1, 114, 347 1, 345, 443 1, 247, 395 1, 167, 759	1, 15 1, 37 1, 29 1, 22	66, 865   1 '2, 814   1 94, 636   1 96, 695   1	1, 085, 075 1, 349, 560 1, 264, 621 1, 187, 444	1, 038, 330 1, 229, 808 1, 224, 115 1, 168, 336	1, 099, 881 1, 088, 142 1, 223, 394 1, 143, 508 1, 089, 319 1, 100, 939
	August	601, 5 662, 0 826, 2 737, 2	94   687, 35 78   641, 46 95   800, 04 08   798, 60	0 776, 0 4 740, 2 7 875, 5 2 873, 1	12 790, 51 788, 61 1,085, 09 873,	876 98 581 89 513 1,45 183 1,09	89, 097 99, 512 54, 990 97, 020	7 960, 616 947, 915 0 1, 080, 146 0 1, 165, 064	1, 025, 441 946, 993 1, 223, 841 1, 173, 372	1, 009, 350 1, 036, 881 1, 227, 778 1, 081, 158	1, 10 1, 07 1, 21 1, 26	08, 919   1 '1, 896   6, 737   1 51, 292   1	1, 087, 928 995, 936 1, 142, 636 1, 021, 809	1, 253, 321 967, 272 1, 034, 316 1, 228, 409	1, 090, 996 1, 026, 307 951, 244 1, 058, 866 1, 028, 224 989, 661
Monthly average 722, 926   769, 546   892, 107   929, 646   1, 063, 129   1, 063, 856   1, 084, 868   1, 161, 444   1, 226, 428   1, 177, 218   1, 187, 718   1, 074,	Monthly average	722, 9	26 769, 54	6 892, 1	07 929,	646 1,06	33, 129	1, 063, 856	1, 084, 868	1, 161, 444	1, 22	26, 428	1, 177, 218	1, 187, 718	1, 074, 207

<sup>&</sup>lt;sup>1</sup> See footnote on p. 20.

#### SURVEY OF CURRENT BUSINESS

#### LIFE INSURANCE—NEW BUSINESS WRITTEN—Continued <sup>1</sup>

[Thousands of dollars]

				Amoun	t								Am	nount	
Year		Ordi- nary	Indu tri:	us- al Gi	oup	Tota	d			Year		Ordi- nary	Indus- trial	Group	Total
1913 monthly average 1914 monthly average 1915 monthly average 1916 monthly average		140, 441 136, 813 145, 600 180, 183	55, 58,	217 128	1, 736 3, 790 3, 927 6, 560	194, 0 195, 8 207, 6 245, 3	085 319 354 388	1917 1918 1919 1920	monthly av monthly av monthly av monthly av	erage erage erage		208, 881 218, 094 380, 476 461, 433	66,099 77,901	14, 861 20, 555 35, 465 35, 478	285, 227 304, 747 493, 841 589, 954
Month	192	1 192	2	1923	192	4	192	5	1926	1927	1928	1929	1930	1931	1932
						OF	RDIN	ART	Y		·		·	••••••••••••••••••••••••••••••••••••••	
January February March April May June		94   379, 8 93   446, 6 75   416, 1 36   460, 3	342 574 111 304	435, 663 438, 796 554, 360 512, 029 549, 771 547, 942	507, 494, 603, 570, 574, 559,	847 897 639 792	522, 8 547, 4 659, 642, 684, 6	498 712 163 069	559, 259 595, 862 733, 124 681, 033 685, 659 709, 839	577, 986 625, 479 748, 129 736, 255 703, 073 699, 786	579, 189 654, 586 778, 964 709, 067 756, 037 752, 582	659, 124 682, 849 829, 238 792, 393 800, 050 748, 344	712, 446 730, 074 883, 895 838, 904 774, 914 723, 561	594, 741 598, 755 718, 751 689, 011 671, 243 671, 039	614, 040 575, 497 592, 333 520, 586 487, 284 504, 329
July	356, 8 348, 7 322, 5 337, 4 344, 3 419, 7	97   349, 2 60   400, 4 23   418, 3	381 297 401 334	499, 753 479, 361 414, 330 486, 450 506, 651 578, 854	532, 460, 428, 498, 499, 632,	334 308 163 307	642, 595, 529, 606, 588, 712,	523 667 277 823	644, 647 599, 194 526, 330 606, 628 634, 261 802, 867	624, 665 629, 185 529, 772 605, 699 583, 454 716, 817	657, 932 625, 073 533, 073 658, 576 665, 988 806, 754	719, 957 696, 921 607, 660 705, 266 701, 985 835, 962	712, 405 620, 698 544, 319 618, 107 591, 605 749, 505	605, 628 545, 549 482, 704 562, 480 586, 432 756, 871	447, 739 443, 460 404, 763 433, 118 450, 098 519, 246
Monthly average	379, 6	27 417,	704	500, 330	530,	279	614,	341	648, 225	648, 358	681, 485	731, 646	708, 369	623, 600	499, 374
		,	INDUST				'RIA	L			····		··· ·		
JanuaryFebruaryMarchAprilMay	1	666   110, 178   132, 159   123, 132   125, 0	954 833 208 84	112, 678 114, 758 137, 853 208, 105 162, 326 147, 444	179, 143, 156, 158, 173, 154,	762 792 557 629	147, 177, 193, 196, 217, 198,	666 604 895 735	227, 158 174, 782 230, 203 215, 504 235, 207 202, 315	185, 292 207, 217 241, 701 227, 280 241, 661 221, 780	236, 303 221, 949 273, 551 259, 961 216, 396 214, 882	265, 998 230, 779 274, 824 256, 279 240, 501 242, 166	218, 027 212, 813 264, 415 241, 129 230, 083 311, 925	214, 320 208, 888 246, 663 234, 941 236, 294 250, 658	217, 552 220, 568 251, 059 236, 898 222, 956 213, 298
July August September October November December	81, 8 84, 8 96, 8 129, 1 109, 6 126, 6	583   102, 505   97, 505   132, 5087   125,	901 257 790 960	132, 798 127, 090 124, 905 152, 061 146, 882 153, 154	135, 141, 145, 198, 150, 225,	525 052 461 718	182, 181, 175, 256, 207, 223,	048 114 704 980	194, 315 199, 076 197, 277 226, 523 235, 691 228, 008	200, 835 211, 158 200, 622 265, 974 252, 737 211, 076	194, 642 193, 365 198, 949 233, 530 202, 948 246, 045	223, 680 219, 144 221, 006 240, 489 249, 247 234, 046	247, 506 233, 745 210, 423 243, 778 208, 482 228, 803	253, 228 246, 908 199, 217 213, 931 230, 344 261, 772	206, 641 196, 340 174, 156 198, 053 184, 882 154, 864
Monthly average	104, 8	118,	233	143, 338	163,	630	196,	598	213, 838	222, 278	224, 377	241, 513	237, 594	233, 097	206, 439
					1		GRO	OUP							<del></del>
January February March April May June	6, 6, 10, 7, 9, 6,	167   11, 111   17, 030   23, 189   10,	514 908 808 323 422 860	18, 200 16, 122 24, 988 35, 050 45, 726 54, 924	15 35 44 34	, 082 , 411 , 034 , 217 , 986 , 490	36, 40, 66, 39,	957 696 797 415 041 565	56, 280 83, 088 72, 368 80, 663 56, 458 69, 282	94, 445 46, 119 103, 057 46, 960 45, 683 67, 817	46, 841 91, 505 57, 986 62, 007 205, 195 113, 711	98, 637 58, 607 64, 813 72, 238 109, 827 106, 589	64, 314 59, 931 73, 234 113, 514 91, 263 106, 782	78, 363 103, 587 61, 918 99, 069 71, 845 81, 647	111, 919 35, 122 45, 574 64, 883 49, 113 50, 606
July	5, 5, 6, 5,	185 18, 076 18, 569 15, 790 17,	902 490 067 674 408 052	21, 566 21, 969 21, 389 9, 817 18, 797 231, 497	22 19 131 38	, 338 , 931 , 354 , 101 , 623 , 198	126, 37, 54, 111,	947 885 788 433 066 194	78, 125 55, 632 73, 456 62, 353 100, 448 262, 452	54, 229 43, 977 31, 475 48, 625 76, 960 165, 025	74, 196 56, 926 277, 944 72, 119 53, 569 224, 159	147, 658 99, 774 75, 151 105, 393 86, 165 160, 514	130, 036 73, 187 138, 492 51, 552 59, 295 130, 519	46, 186 45, 944 37, 300 40, 504 28, 595 101, 205	36, 984 28, 979 61, 018 38, 868 36, 262 67, 810
Monthly average	9,	257 23,	036	<b>43</b> , 337	49	, 814	83,	232	87, 550	68, 698	111, 347	98, 781	91, 010	66, 347	52, 262
					,		тот	FAL							
January February March April May June	464, 8 466, 3 562, 6 523, 6 560, 8 522, 6	227   502, 582   597, 564   562, 557   595.	704 315 642 810	566, 541 569, 676 717, 201 755, 184 757, 823 750, 310	654 795 773 783	388 020 723 413 407 528	739, 761, 894, 905, 940, 886,	860 113 473 845	842, 697 853, 732 1, 035, 695 977, 200 977, 324 981, 436	857, 723 878, 815 1, 092, 887 1, 010, 495 990, 417 989, 383	862, 333 968, 040 1, 110, 501 1, 031, 035 1, 177, 628 1, 081, 175	1, 023, 759 972, 235 1, 168, 875 1, 120, 910 1, 150, 378 1, 097, 099	994, 787 1, 002, 818 1, 221, 544 1, 193, 547 1, 096, 260 1, 142, 268	887, 424 911, 230 1, 027, 332 1, 023, 021 979, 382 1, 003, 344	943, 511 831, 187 888, 966 822, 367 759, 353 768, 233
July August September October November December	443, 3 438, 8 424, 4 473, 1 459, 2	326   527, 178   464, 194   548, 200   561,	272 621 865 702	654, 117 628, 420 560, 624 648, 328 672, 330 963, 505	624 592 827 688	352 790 714 725 648 957	880, 903, 742, 917, 907, 1, 250,	456 569 414 869	917, 087 853, 902 797, 063 895, 504 970, 400 1, 293, 327	879, 729 884, 320 761, 869 920, 298 913, 151 1, 092, 918	926, 770 875, 364 1, 009, 966 964, 225 922, 505 1, 276, 958	1, 091, 295 1, 015, 839 903, 817 1, 051, 148 1, 037, 397 1, 230, 522	1, 089, 947 927, 630 893, 234 913, 437 859, 382 1, 108, 827	905, 042 838, 401 719, 221 816, 915 845, 371 1, 119, 848	691, 364 668, 779 639, 937 670, 039 671, 242 741, 920
Monthly average	<u> </u>			687, 005		722	894,		949, 614	939, 334	1, 017, 208	1, 071, 940	1, 036, 973	923, 044	758, 075

¹ Compiled by the Association of Life Insurance Presidents, and represents a revision of the figures previously shown due to the elimination of one company. The data on insurance written represent only new business that has been paid for, and is exclusive of revivals, increases, and dividend additions. The 43 companies whose figures are included in these tables had in force 81 percent of the total life insurance in force in all United States legal reserve companies at the close of 1931. These tables supersede data previously shown in the Survey of Current Business on this subject. See p. 31 of this issue for 1933 figures. Revised data on premium collections appeared on p. 18 of the June 1933 issue.

July 1933

#### WEEKLY BUSINESS INDICATORS

[Weekly average 1923-25=100]

		1933	3		1932		19	31	1:	930		Ī	1933	;		1932		19	31	19	30
ITEM	June 24	June 17	June 10	June 25	June 18	June 11	June 29	June 20	June 28	June 21	ITEM	June 24	June 17	June 10	June 25	June 18	June 11	June 27	June 20	June 28	June 21
Business activity: New York Times * #. Business week * ¶. Commodity prices, wholesale: Dept. of Labor, 1926=100:		91. 4 64. 1	87. 1 62. 2	65. 0 54. 2	65. 9 55. 8	65. 7 56. 4	85. 1 75. 5	85. 0 76. 8	96. 0 100. 3	96. 8 94. 7	Finance—Continued Banking: Debits, outside N.Y.C.t. Federal Reserve reporting member banks;		58. 5	63. 4	64. 9	61. 4	64.8	84. 5	99. 0	125. 2	132. 5
Combined index (784) Farm products (67) Food (122) Fisher's index, 1926=100:	53. 2 61. 4	52. 8 61. 0	52. 5 61. 0	46. 4 59. 5	45. 4 58. 5	45. 8 58. 6					Time Loans, total Interest rates:	119.6 78.3	116.8 78.9	116. 1 78. 4	122. 8 90. 4	123. 5 92. 1	124. 0 91. 2	158. 1 116. 3	158. 6 116. 7	160, 4 136, 5	112, 9 159, 4 137, 0
Combined index (120) Agricultural (30) Nonagricultural (90) Copper, electrolytic	46. 6 67. 3 56. 5	46. 2 66. 9 56. 5	45. 5 66. 1 56. 5	42.9 62.9 37.7	42. 5 62. 9 37. 7	42. 6 63. 4 37. 0	62. 1 72. 8 57. 2	61. 4 72. 8 56. 5	88. 0 84. 2 84. 1	86. 2 88. 8 84. 6 85. 5	Call loans ‡	22. 9 117. 6	22. 9 118. 2	22. 9 119. 1	34. 3 114. 4	34. 3 113. 0	34. 3 112. 7	34. 3 98. 1	34. 3 98. 3	74. 3 92. 0	81. 8 92. 3
Cotton, middling, spot Iron and steel, composite Construction contracts † Distribution: Car loadings Employment: Detroit fac-	69.6	69, 5 28, 5	69. 5	71.3 26.5	71.3 26.5	71. 4 27. 7	75. 0 79. 6	75. 0	81.0 172.8	51. 8 81. 0 96. 0	Bituminous coal ‡	95. 9 80. 2	55. 4 94. 7 76. 0	92. 9 74. 9	40. 7 86. 5	39. 6 86. 6 51. 8	38. 9 86. 4 54. 6	66. 1 98. 1	64. 9 96. 6	78. 3 102. 3	78. 3 101. 9
finance: Failures, commercial Security prices:				1			1	i		 119. 7	Steel ingots ¶	65. 8 63. 9 89. 4	63. 2 69. 0 79. 7	60. 5 70. 9 85. 8	19. 7 60. 1 46. 2	21. 1 58. 5 61. 2	23. 7 57. 9 61. 9	44. 7 76. 6 69. 3	76.3 68.9	84. 2 52. 2 80. 3	86. 8 67. 7 80. 6
Bond prices t	94. 8 88. 1	94. 2 86. 1	94. 4 87. 4	79. 1 40. 5	79.0 42.9	79. 1 41. 7	106. 5 143. 0	106. 1 130. 0	106. 1 192. 2	106. 4 197. 7	Cotton	61. 9 87. 8	61. 5 76. 5	65. 4 73. 9	20.8 43.8	14. 2 30. 7	11. 5 38. 5	22. 3 65. 5	21.3 58.4	11. 5 62. 1	17.3 57.3

#### WEEKLY BUSINESS STATISTICS

		1933		19	32	19	31	19	30	19	29
ITEM	June 24	June 17	June_10	June 25	June 18	June 27	June 20	June 28	June 21	June 29	June 22
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. 078 . 095 1. 89 28. 83 75	0. 078 . 093 1. 87 28. 75 . 72	0. 078 . 093 1. 87 28. 75 . 71	0. 052 . 053 1. 62 29. 52 . 43	0. 052 . 053 1. 61 29. 52 . 46	0. 079 . 104 2. 16 30. 99 . 60	0. 078 . 088 2. 14 31. 03 . 74	0. 116 . 136 2. 73 33. 44 . 84	0. 118 . 141 2. 74 33. 52 . 90	0. 178 . 185 3. 32 36. 84 1. 09	0. 178 . 185 3. 35 36. 96 1. 02
FINANCE Banking:											
Debits, New York City	4, 353 3, 147	3, 427 2, 710	3, 792 2, 938	3, 141 3, 007	3, 417 2, 847	4, 834 3, 916	6, 375 <b>4,</b> 588	8, 948 5, 810	10, 027 6, 145	9, 752 5, 708	5, 829 6, 496
Reserve bank credit, total mills, of dolls	2, 194 9	2, 212 10	2, 214 11	2, 288 54	2, 270 66	960 106	907 107	936 102	961 133	1, 294 83	1, 252 87
Bills bought	222 1, 955	254 1, 932	277 1, 912	488 1, 730	496 1, 692	198 619	185 599	232 577	207 598	1, 017 150	959 139
Federal Reserve reporting member banks: \$ Deposits, net demand mills. of dolls. Deposits, time mills. of dolls. Investments, total mills. of dolls.	10, 823 4, 336	11, 207 4, 263	10, 983 4, 275	10, 173 4, 508	10, 358 4, 537						
U.S. Government securitiesmus. of dons	8, 305 5, 307 8, 500	7, 962 4, 990 8, 559	7, 974 5, 013 8, 511	6, 919 4, 030 9, 775	6, 956 4, 056 9, 991						
Loans, total mills of dolls. On securities mills of dolls. All other mills of dolls.	3, 769 4, 731	3, 798 4, 761	3, 742 4, 769	4, 212 5, 563	4, 265 5, 726						
Interest rates, call loans percent. Interest rates, time loans percent. Exchange rates, sterling (daily av.) dollars. Failures, commercial number. Money in circulation (daily av.) mills. of dolls.	1.00 1.00 4.19	1,00 1,00 4,10	1.00 1.00 4.07	2, 50 1, 50 3, 61	2. 50 1. 50 3. 65	1.50 1.50 4.86	1. 50 1. 50 4. 86	2, 25 3, 25 4, 86	2.50 3.58 4.86	8.75 9.50 4.85	7. 00 8. 13 4. 85
Failures, commercialnumber  Money in circulation (daily av.)mills. of dolls Security markets:	373 5,711	396 5, 742	401 5, 784	617 5, 556	613 5, 485	422 4, 763	467 4, 773	490 4, 468	487 4, 482	425 4, 683	427 <b>4,</b> 669
Bond sales, N.Y.S.E.	75, 500 84. 89 24, 306 85. 53 75. 4 77. 8 97. 7	72, 200 84. 39 29, 837 83. 66 74. 3 75. 9 99. 4	83, 900 84. 54 32, 320 84. 85 72. 8 75. 2 93. 5	56, 496 70. 81 3, 042 39. 31 34. 5 34. 0 55. 0	53, 194 70. 78 4, 456 41. 68 36. 7 36. 0 59. 6	70, 232 95, 35 21, 620 138, 86 103, 5 94, 5 164, 9	53, 862 95, 03 7, 110 126, 26 103, 2 94, 5 163, 7	54, 372 95. 01 15, 038 186. 67 145. 8 136. 2 211. 4	63, 907 95, 26 26, 487 192, 02 139, 8 130, 6 202, 8	76, 630 93, 35 19, 848 260, 47 195, 9 149, 5 246, 1	55, 293 93, 55 17, 045 253, 71 191, 7 191, 5 237, 4
Railroad (33) 1926=100 PRODUCTION, CONSTRUCTION, AND DISTRIBUTION	44.0	43.0	42.8	14. 9	15.9	80. 5	80. 1	122.1	117. 2	149.7	144.6
Production:											
Automobiles (Cram's estimate)	58, 689 1, 598 2, 513 50 3, 689	55, 496 943 1, 578 2, 612 48 4, 580	53, 283 906 1, 542 2, 709 46	54, 577 693 1, 441 2, 156 15	53, 158 675 1, 442 2, 198 16 4, 252	60, 770 1, 125 1, 635 2, 442 34 12, 779	62, 752 1, 106 1, 610 2, 482 35	84, 662 1, 333 1, 704 2, 611 64 27, 746	87, 063 1, 333 1, 698 2, 599 66	125, 736 1, 608 1, 723 2, 815 94 22, 186	127, 695 1, 541 1, 703 2, 765 95
Distribution: Exports:		•						·			
Corn thous, of bu Wheat thous, of bu thous, of bu thous, of bu thous of bbls.  Freight-car loadings, total cars	50 3 54	125 4 52	40 4 76	245 583 61	48 1,358 36	25 1, 739 225	2, 028 135	1, 828 231	74 1,619 165	154 1, 031 285	103 594 182
Freight-car loadings, total cars_ Coal and coke cars_		587, 931 98, 502	564, 546 92, 384	498, 799 71, 163	518, 398 71, 546	759, 363 124, 134	739, 094 114, 782	936, 690 146, 912	920, 645 141, 831	1, 096, 569 174, 332	1, 069, 874 165, 746
Forest products cars. Grain and products cars.		25, 520 38, 147	24, 352 35, 917	16, 719 27, 577	17, 140 25, 795	30, 536 41, 869	30, 555 32, 771	47, 947 48, 846	49, 637 39, 697	69, 498 51, 963	70, 903 45, 327
Freight-car loadings, total		15, 450 168, 530	15, 801 167, 996	14, 587 174, 522	15, 400 175, 819	18, 776 216, 060	19, 549 217, 136	20, 543 239, 544	21, 325 240, 756	22, 973 260, 705	23, 353 259, 376
Orecars Miscellaneouscars_		12, 266 229, 516	9, 973 218, 123	4, 548 189, 683	4, 290 208, 408	30, 152 297, 836	30, 640 293, 661	61, 034 371, 864	63, 193 364, 206	76, 657 440, 441	75, 432 429, 737
Cattle and calves thousands thousands Cotton, into sight thous of bales	202 580 161	218 517 160	224 557 170	190 300 54	185 397 37	242 450 58	241 447 58	165 521 30	214 523 45	229 530 48	234 498 72 6, 306
Wheat, at primary markets thous, of bu- Wool, at Boston, total thous, of lbs	6, 987 10, 456	6, 088 24, 812	5, 876 6, 116	3, 488 2, 134	2, 443 14, 356	5, 213 10, 527	4, 644 8, 736	4, 940 20, 752	4, 558 13, 599	7, 509 12, 498	9, 331

<sup>§</sup> Statistics cover 90 cities. Comparable figures not available prior to 1932 but adjustment has been made in indexes above.

<sup>†</sup> Weekly average, 1928-30=100. X Average same week, 1930-32=100. § 1933 indexes are based on reports from 90 cities; earlier data cover 101 cities.

### 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				19	32					193	3	
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	May	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
			BUSI	NESS	IND	EXES							
BUSINESS ACTIVITY (Annalist)													
Combined index	64. 6 48. 3 57. 5 54. 7 100. 7 65. 8 25. 7 39. 8	52. 9 43. 0 47. 7 85. 9 51. 2 67. 9 22. 5 23. 1 35. 9	52. 9 47. 3 44. 5 86. 1 50. 1 57. 5 68. 4 19. 7 20. 3 34. 7	52. 0 31. 6 45. 1 83. 4 48. 8 57. 4 67. 3 18. 0 19. 3 65. 1 31. 2	55. 5 24. 6 49. 9 91. 1 48. 9 75. 3 67. 5 16. 7 18. 3 87. 1 28. 2	60. 4 25. 4 57. 0 101. 4 52. 4 89. 0 68. 3 19. 7 22. 4 95. 5 28. 1	60. 0 17. 5 64. 5 100. 4 56. 0 83. 4 66. 2 20. 9 23. 9 84. 8 30. 8	59. 7 28. 2 64. 3 94. 5 55. 3 81. 4 67. 0 21. 4 23. 9 32. 6	59. 2 52. 8 65. 1 83. 5 56. 5 75. 8 65. 7 18. 3 20. 8 81. 0 36. 1	57. 2 47. 7 54. 7 87. 9 54. 3 74. 6 63. 1 18. 3 22. 1 72. 6 36. 6	4 56. 5 31. 7 61. 0 95. 3 53. 1 72. 1 4 63. 5 18. 5 4 23. 1 70. 6 40. 0	4 52. 9 27. 2 52. 8 88. 9 49. 3 72. 9 62. 2 15. 5 16. 2 51. 4 40. 0	4 57. 4 41. 55. 4 98. 53. 75. 6 62. 18. 4 27. 67. 42.
Total, unadjusted	79	61	59	56	59	67	68	65	60	64	65	61	6
Manufactures unadjusted         1923-25 = 100.           Automobiles         1923-25 = 100.           Cement         1923-35 = 100.           Food products         1923-25 = 100.           Glass, plate         1923-25 = 100.           Iron and steel         1923-25 = 100.           Loather and shoes         1923-25 = 100.           Lumber         1923-25 = 100.           Paper and printing         1923-25 = 100.           Rubber tires and tubes         1923-25 = 100.           Shipbuilding         1923-25 = 100.           Tobacco manufactures         1923-25 = 100.           Anthracite         1923-25 = 100.           Anthracite         1923-25 = 100.           Jiron ore shipments         1923-25 = 100.           Jiver         1923-25 = 100.           Silver         1923-25 = 100.           Silver         1923-25 = 100.           Jine         1923-25 = 100.           Manufactures, adjusted         1923-25 = 100.           Manufactures, adjusted         1923-25 = 100.           Manufactures, adjusted         1923-25 = 100.           Gement         1923-25 = 100.           Food products         1923-25 = 100.           Glass, plate         1923-25 = 100. <td>80 64 64 50 100 96 53 100 32 </td> <td>60 55 87 38 31 29 92 91 94 60 111 165 443 33 443 110 35 45 46 48 49 110 49 49 49 40 40 40 40 40 40 40 40 40 40</td> <td>59 54 54 65 883 62 25 77 85 59 129 100 59 128 61 37 40 6 50 107 44 33 59 58 82 26 85 146 107 80 63 118 63 42 42 43 33</td> <td>55 54 61 880 880 233 766 76 76 77 79 78 78 78 79 79 77 77 77 77 77 77 77 77 77 77 77</td> <td>58 26 26 27 8 21 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25</td> <td>299 666 666 244 544 544 328 328 328 133 644 111 70 61 58</td> <td>66 63 89 50 30 104 4137 600 158 80 102 1122 1122 80 32 104 32 165 89 50 31 194 137 68 216 69 99 104 137 68 31 338 8</td> <td>63 87 57 57 29 85 85 85 80 89 138 55 119 95 105 67 74 6 47 77 105 39 39 39 39 39 31 31 31 32 33 34 35 45 47 47 47 47 47 47 47 47 47 47</td> <td>58 322 34 86 54 24 23 30 81 132 46 60 86 86 87 27 74 72 74 72 74 72 85 85 86 132 67 78 112 78 78 112 78 112 112 112 112 112 112 112 112 112 11</td> <td>63 40 23 94 78 28 79 92 23 84 132 54 64 92 107 71 57 63 46 42 65 64 48 38 89 88 89 88 89 88 89 88 89 88 89 88 89 88 88</td> <td>633 355 244 899 688 322 200 888 132 132 138 108 108 108 108 108 108 108 10</td> <td>59 34 29 90 59 24 87 87 45 112 74 63 51 120 48 47 60 57 27 27 40 91 21 85 22 85 41 144 76 89 81 81 82 83 84 85 86 87 87 87 87 87 87 87 87 87 87</td> <td>66 33 99 22 88 14 77 33 88 100 44 46 66 44 33 30 22 88 14 67 33 10 67 47 47 48 48 48 48 48 48 48 48 48 48 48 48 48</td>	80 64 64 50 100 96 53 100 32 	60 55 87 38 31 29 92 91 94 60 111 165 443 33 443 110 35 45 46 48 49 110 49 49 49 40 40 40 40 40 40 40 40 40 40	59 54 54 65 883 62 25 77 85 59 129 100 59 128 61 37 40 6 50 107 44 33 59 58 82 26 85 146 107 80 63 118 63 42 42 43 33	55 54 61 880 880 233 766 76 76 77 79 78 78 78 79 79 77 77 77 77 77 77 77 77 77 77 77	58 26 26 27 8 21 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25	299 666 666 244 544 544 328 328 328 133 644 111 70 61 58	66 63 89 50 30 104 4137 600 158 80 102 1122 1122 80 32 104 32 165 89 50 31 194 137 68 216 69 99 104 137 68 31 338 8	63 87 57 57 29 85 85 85 80 89 138 55 119 95 105 67 74 6 47 77 105 39 39 39 39 39 31 31 31 32 33 34 35 45 47 47 47 47 47 47 47 47 47 47	58 322 34 86 54 24 23 30 81 132 46 60 86 86 87 27 74 72 74 72 74 72 85 85 86 132 67 78 112 78 78 112 78 112 112 112 112 112 112 112 112 112 11	63 40 23 94 78 28 79 92 23 84 132 54 64 92 107 71 57 63 46 42 65 64 48 38 89 88 89 88 89 88 89 88 89 88 89 88 89 88 88	633 355 244 899 688 322 200 888 132 132 138 108 108 108 108 108 108 108 10	59 34 29 90 59 24 87 87 45 112 74 63 51 120 48 47 60 57 27 27 40 91 21 85 22 85 41 144 76 89 81 81 82 83 84 85 86 87 87 87 87 87 87 87 87 87 87	66 33 99 22 88 14 77 33 88 100 44 46 66 44 33 30 22 88 14 67 33 10 67 47 47 48 48 48 48 48 48 48 48 48 48 48 48 48
Lead     1923-25=100       Petroleum, crude     1923-25=100       Silver     1923-25=100       Zinc     1923-25=100	. 136	49 109 36 39	49 105 45 38	31 104 40 34	33 104 41 31	104	38 103 36 33	45 106 37 35	39 96 30 38	45 107 36 40	40 110 30 44	45 122 44 44	4 4 10 3 4
INDUSTRIAL CONSUMPTION OF ELECTRICAL ENERGY													
Consumption by geographic sections:           Total, United States.         1923-25=100.           Middle Atlantic.         1923-25=100.           New England         1923-25=100.           North Central         1923-25=100.           Southern         1923-25=100.           Western         1923-25=100.           Consumption by industries:         Total, all industries         1923-25=100.           Automobiles, including parts and accessing accessing the second of	91. 3 96. 0 85. 2 88. 2	78. 5 71. 0 82. 7 90. 3 94. 3 82. 0	78. 1 68. 5 67. 3 80. 2 83. 7 91. 6	79. 2 70. 0 66. 2 75. 4 85. 3 88. 7	68. 4 67. 7 66. 8 87. 9 89. 4	83. 8 80. 5 74. 8 108. 5 96. 0 84. 0	85. 1 86. 8 90. 2 75. 4 103. 8 96. 8	91. 3 84. 0 78. 5 104. 4 101. 3	79. 4 83. 3 75. 2 72. 1 94. 1 93. 8 79. 4	85. 7 75. 5 76. 3 90. 1 100. 0 81. 9	85. 8 91. 8 79. 8 80. 5 99. 3 102. 0	75. 3 80. 8 70. 2 67. 8 85. 9 95. 8	a 84. 86. a 73. a 79. 98. 102.
sories	58. 9 126. 6 123. 2 93. 5		65. 9 123. 8 118. 4 65. 7	58. 0 124. 9 122. 0 73. 7	116. 6 123. 2	126. 8 129. 5		130. 1 121. 3	56. 2 124. 3 103. 2 79. 8	126. 0 107. 5	61. 2 130. 0 112. 5 95. 0		a 121. a 119. a 82.

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933				19	32	·				19	933	
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Мау	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
		BUS	INESS	IND	EXES	—Con	$_{ m tinued}$						
INDUSTRIAL CONSUMPTION OF ELECTRICAL ENERGY—Continued													
Consumption by industries—Continued Metals, group	63. 8	58. 1 92. 8 55. 8	54. 1 83. 1 53. 0	50. 7 79. 2 50. 2	44. 0 67. 6 45. 0	50. 6 81. 4 51. 8	54. 8 80. 9 53. 0	50. 6 85. 6 56. 1	53. 3 76. 0 52. 7	54. 7 74. 0 52. 8	60. 6 83. 3 58. 4	50. 5 75. 0 50. 5	<sup>a</sup> 58. 0 89. 4 55. 3
1923-25 = 100.   1923-25 = 100.   Rubber and products   1923-25 = 100.   Shipbuilding   1923-25 = 100.   Stone, clay, and glass   1923-25 = 100.   Textiles   1923-25 = 100.	67. 3 112. 0 116. 7 71. 3 91. 8 96. 4	61. 8 102. 7 95. 5 86. 8 97. 9 62. 8	55. 8 95. 8 120. 7 85. 1 87. 1 55. 2	51. 2 94. 5 95. 6 82. 5 77. 5 54. 0	44. 7 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	57. 5 113. 6 93. 0 84. 0 81. 9 93. 0	54. 0 98. 8 77. 2 84. 0 56. 2 86. 5	58. 4 104. 4 85. 2 83. 5 58. 5 85. 0	64. 2 111. 0 91. 0 89. 2 67. 2 84. 1	50. 5 95. 2 68. 0 71. 5 68. 8 79. 0	4 62.3 4 102.3 4 82.0 73.0 4 74.5 86.0
MARKETINGS									_				
Agricultural products*     1923-25=100.       Animal products     1923-25=100.       Dairy products     1923-25=100.       Livestock     1923-25=100.       Poultry and eggs     1923-25=100.       Wool     1923-25=100.       Crops     1923-25=100.       Cotton     1923-25=100.       Fruits     1923-25=100.       Grains     1923-25=100.       Vegetables     1923-25=100.       Forest products     1923-25=100.       Distilled wood     1923-25=100.       Lumber     1923-25=100.       Pulpwood     1923-25=100.       Pulpwood     1923-25=100.	92 103 131 79 153 131 80 59 111 90 86	74 95 148 75 121 77 52 30 109 44 86 58 37 53 102 93	65 88 143 67 99 212 41 19 61 33 110 53 19 52 104 63	66 80 117 61 76 384 51 10 71 81 70 55 13 53 114 64	79 85 106 73 78 322 71 44 85 102 46 55 14 54 107 61	102 81 88 77 72 213 124 173 101 98 75 52 17 49 89 70	123 83 82 84 75 128 164 268 142 87 87 56 27 53 78	108 84 84 74 117 84 131 243 77 54 70 51 40 47 77 92	82 81 87 68 119 38 84 135 63 45 61 47 45 42 70 90	75 81 101 75 88 60 69 93 68 43 75 51 44 47 32	61 69 89 63 76 63 52 52 52 55 37 76 51 37 48 23	66 76 102 63 104 30 55 49 65 40 105 54 40 35 50 33 96	72 86 97 68 137 49 58 42 74 60 83 56 25 53 69 85
Lumber and products1923-25=100		32 34 19 73 35 81 0 32 41 19 32 27 29	30 34 17 68 35 80 1 30 38 17 31 24 27 42	27 26 19 68 39 62 0 29 37 16 24 24 24 32 38	37 27 23 76 36 111 0 32 37 21 37 23 45	45 34 27 83 34 135 10 33 38 23 55 22 49 23	40 33 21 81 35 131 0 32 38 22 50 22 50 21	33 24 14 71 37 115 0 28 37 19 35 25 41	32 40 12 64 37 97 1 28 37 18 35 24 40 6	32 34 15 69 37 287 1 227 36 18 37 24 41	4 32 35 15 69 34 489 1 2 28 35 18 36 24 44 7	36 34 4 17 75 40 106 0 27 35 19 35 24 41	36 41 19 71 36 90 0 27 36 20 34 23 39
STOCKS Domestic stocks 1923-25=100	134	144	137	132	134	143	155	157	153	149	143	137	a 133
Manufactured goods	96 113 78 101 83 82 201 90 70 158 72 162 90 171 213	108 131 91 96 100 101 135 106 182 178 93 178 131 1222 285 498 250 337 229 330 250 243 250	104 118 98 94 103 83 202 136 58 180 79 161 118 123 207 225 487 251 249 341 119 235 240	104 120 98 98 98 98 128 72 174 75 153 88 162 128 193 274 462 264 311 217 217 217 217 217 217 217 217 217 2	102 116 92 98 87 87 83 201 1138 75 155 74 157 90 175 125 125 268 323 208 323 208 314 130 226 189	100 121 84 98 91 83 205 127 69 146 74 173 112 180 122 217 262 \$448 344 341 136 229 198	98 122 73 99 87 83 192 76 141 77 196 122 195 116 263 221 330 186 310 141 226 207	98 121 67 103 85 85 191 117 82 149 82 199 122 185 106 287 260 434 239 328 188 306 153 228 204	96 121 66 108 81 11 83 193 83 81 162 76 193 117 177 109 282 262 426 229 330 193 314 155 220 217	97 122 69 107 81 85 196 90 78 164 74 186 112 169 95 277 263 402 229 326 209 326 201 312 145 212 236	97 120 69 105 82 200 89 80 167 77 176 104 164 86 86 259 259 394 212 22 328 220 331 147 200	96 123 67 103 81 206 88 80 167 73 166 99 163 82 231 261 375 231 277 326 158 209 208	95 119 68 101 81 83 207 81 160 6 88 226 6 331 225 348 167 208
			COMM	10DI	TY P	RICE	<b>S</b>	1	ı	· · · · ·	1	1	
COST OF LIVING (N.I.C.B.)         Total, all groups       1923=100         Clothing       1923=100         Food       1923=100         Fuel and light       1923=100         Housing       1923=100         Sundries       1923=100	72. 1 60. 7 64. 1 82. 8 63. 5 89. 4	77. 9 66. 9 69. 3 85. 7 73. 5 93. 3	77. 2 65. 7 68. 5 85. 6 72. 4 93. 1	77. 0 64. 8 69. 1 85. 3 71. 7 92. 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
FARM PRICES (Dept. of Agri.)	00		50		-	E^		E.		E-1	40	E0.	ro.
Total, all groups.     1909-14=100.       Cotton and cottonseed.     1909-14=100.       Dairy products *.     1909-14=100.       Fruits and vegetables.     1909-14=100.       Grains.     1909-14=100.       Meat animals.     1909-14=100.       Poultry products *.     1909-14=100.       Unclassified.     1909-14=100.	63 68 62 65	56 42 69 80 49 59 60 43	52 37 62 82 44 57 59 40	57 41 63 83 42 72 65 38	59 51 65 79 43 69 75 40	59 57 67 68 41 67 84 42	36 60 102	54 47 68 57 34 57 115 43	52 43 69 59 33 52 121 45	45 68 59 34 51 96	49 44 62 57 34 53 57 44	50 48 59 60 36 56 54 43	53 49 59 66 47 57 56 44

<sup>&</sup>lt;sup>o</sup> Revised.

b Estimated.

<sup>\*</sup> New series. See p. 18 of the March 1933 issue (marketings) and p. 20 of May 1933 issue (prices).

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	May	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
	(	сомм	10DI	ry Pi	RICES	S—Cor	ntinued					<u>-</u>	
RETAIL PRICES													
Department of Labor indexes: Coal1913=100	155	166	166	166	168	171	172	172	173	172	171	170	164
Food1913=100	94	101	100	101	101	100	100	99	99	95	91	91	90
Combined index*Dec. 1930=100 Apparel:	70.4	76. 8 83. 0	75. 1 79. 5	74. 0 78. 4	73. 6 78. 5	73. 6 77. 9	73. 3 77. 2	72. 6 76. 9	71.8 77.1	71.1	69. 9 76. 7	69. 7 76. 4	69. 4 76. 4
Men's*   Dec. 1930=100   Women's*   Dec. 1930=100   Home furnishings*   Dec. 1930=100   Piece goods*   Dec. 1930=100	71. 0 72. 3	79. 4 77. 5	77. 2 76. 2	75.8 75.0	74. 7 74. 9	74. 6 75. 4	74. 5 75. 4	73.9 74.3	73.0 74.1	72. 4 72. 7	71.6 71.9	71. 2 71. 7	70. 7 71. 8
Piece goods*	71. 1 67. 2	77. 3 72. 7	76. 2 71. 5	75, 2 69, 8	74. 8 70. 7	74. 9 71. 1	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
WHOLESALE PRICES													
Department of Labor index:  Combined index (784)1926=100.  Economic classes:	62.7	64. 4	63. 9	64. 5	65. 2	65. 3	64. 4	63. 9	62. 6	61.0	59.8	60. 2	60.4
Finished products 1026-100	67. 2 53. 7	70. 3 53. 9	70.0 53.2	70. 5 54. 7	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
Raw materials 1926=100  Semimanufactures 1926=100  Farm products 1926=100  Grains 1926=100  Livestock and poultry 1926=100  Foods 1926=100	61. 3 50. 2 52. 8	58. 1 46. 6 42. 6	57. 6 45. 7 37. 7	55. 5 47. 9 36. 7	57. 9 49. 1 38. 2	60. 7 49. 1 37. 4	60.7 46.9 34.4	58. 9 46. 7 33. 2	57. 7 44. 1 31. 7	56, 9 42, 6 32, 9	56. 3 40. 9 32. 7	56. 9 42. 8 36. 0	57. 3 44. 5 44. 8
Livestock and poultry1926=100. Foods	46.8 59.4	44. 4 59. 3	46. 7 58. 8	54. 1 60. 9	52. 8 61. 8	51. 2 61. 8	45. 0 60. 5	41. 9 60. 6	38. 7 58. 3	37. 8 55. 8	40. 1 53. 7	43. 0 54. 6	41. 0 56. 1
Dairy products 1926=100 Fruits and vegetables 1926=100	58.8 58.8	59. 6 61. 5	57. 4 62. 4	58. 2 59. 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
Livestock and poultry 1926=100. Foods 1926=100. Dairy products 1926=100. Fruits and vegetables 1926=100. Meats 1926=100. Other products 1926=100. Building materials 1926=100. Brick and tile 1926=100. Cement 1926=100.	52. 3 66. 5	56. 5 70. 4	56. 0 70. 1	62. 0 69. 7	61. 9 70. 1	60. 9 70. 4	56. 4 70. 2	53. 7 69. 8	49. 4 69. 0	67.3	50. 2 66. 0	50. 5 65. 8	50. 3 65. 3
Brick and tile 1926=100 Cement 1926=100	71. 4 75. 2 81. 8	71. 5 77. 4 75. 0	70. 8 76. 1 77. 1	69. 7 75. 9 77. 3	69. 6 75. 2 79. 0	70. 5 75. 4 79. 0	70. 7 75. 3 79. 0	70. 7 75. 4 79. 0	70. 8 75. 1 81. 1	74.9	69. 8 75. 1 81. 8	70.3 74.9 81.8	70. 2 75. 0 81. 8
Lumber 1926=100 Chemicals and drugs 1926=100	59.6	59. 5 73. 6	57. 6 73. 1	56. 9 73. 0	55. 5 73. 3	56. 3 72. 9	56. 6 72. 7	56. 6 72. 4	56. 5 72. 3	55. 9	56. 4 71. 3	57.8 71.2	57. 9 71. <b>4</b>
Onemicals 1926=100 Drugs and pharmacourticals 1926=100	. 80.9	79. 1 58. 7	78. 6 58. 3	78.9 57.6	79. 7 57. 0	79. 8 56. 6	79. 8 55. 9	79. 7 55. 0	79. 7 54. 7	79.3 54.9	79. 0 54. 8	79. 3 54. 8	79. 5 54. 6
Fuel and lighting 1926=100.	66.8	69. 4 70. 7	68. 0 71. 6	66. 8 72. 3	66. 4 72. 1	63. 6 70. 8	63. 4	63. 5 71. 4	63. 1 69. 3	66.0	61. 5 63. 6	61. 9 62. 9	62. 9 61. 5
Electricity 1926 = 100. Gas 1926 = 100. Petroleum products 1926 = 100.	31. 2	106. 1 103. 0 47. 2	105. 5 106. 3 48. 2	105. 8 108. 3 49. 7	104. 4 107. 0 48. 9	103. 4 107. 6 46. 7	104. 6 104. 4 47. 4	103. 1 100. 0 48. 2	104. 1 96. 5 45. 0	96.7	102. 9 96. 6 34. 3	100, 5 96. 6 33, 1	98. 3 97. 5 32. 5
Boots and shoes1926=100_	76. 9 83. 6	72. 5 88. 4	70. 8 87. 5	68. 6 84. 4	69. 7 84. 4	72. 2 84. 4	72.8 84.6	71. 4 84. 2	69. 6 83. 8	68. 9 83. 3	68. 0 83. 3	68. 1 83. 2	69. 4 83. 2
Hides and skins	67.3 68.3	35. 7 60. 6	32, 5 58, 7	33, 5 60. 0	39. 3 60. 0	48. 2 63. 2	49. 6 64. 1	46. 1 61. 9	41. 7 59. 2	43. 0 57. 1	40. 9 55. 3	41. 4 55. 6	45. 8 57. 2
Furniture1926=100.	71.7	74.8 74.1	74. 7 74. 0	74. 0 73. 0	73. 6 72. 6	73.7 72.7	73. 7 72. 8	73. 7 72. 7	73. 6 72. 7	72, 3	72.3 71.9 72.9	72. 2 71. 8 72. 9	71. 5 71. 5
Furnishings	72. 0 77. 7 75. 2	75. 5 80. 1 80. 0	75. 4 79. 9 79. 8	75. 1 79. 2 77. 2	74. 8 80. 1 78. 7	74.7 80.1 79.7	74. 7 80. 3 80. 4		74. 7 79. 4 78. 8	78. 2	77. 4 77. 3	77.2	71. 7 76. 9 75. 7
Metals nonforming 1996=100	1 56 6	48.3	47. 5	47.0	48.5	51.6	50.7	49.1	48.3	46. 4	46. 2	47.9	49. 2
Plumbing and heating equipment 1926=100. Textile products 1926=100.	- 61. 3 - 55. 9	64. 4 54. 3	66. 7 52. 7	67. 1 51. 5	67. 1 52. 7	66. 8 55. 6	67. 5 55. 0	67. 5 53. 9	67. 5 53. 0	51.9	59. 4 51. 2	51.3	59. 4 51. 8
Clothing 1926=100 Cotton 1926=100 Knit goods 1926=100	- 61. 9 - 57. 9 - 48. 0	62. 9 52. 9 50. 5	67. 4 51. 0 49. 6	66. 0 50. 0 47. 8	66. 0 52. 6 48. 5	67. 3 57. 9 50. 4	62. 5 56. 2 50. 9	62. 2 53. 6 51. 0	51.7	50.1	49.1	50.0	61, 4 50, 7 47, 2
Silk and rayon1926=100_ Woolens and worsted1926=100_	29.1	29. 1 58. 3	27. 5 55. 0	26. 2 53. 6	29. 5 53. 4	32. 6 56. 7	30. 8 56. 5	29. 5	29. 3	27. 0 53. 4	25. 6 53. 2	25. 5	26. 3 53. 3
Auto tires and tubes1926=100.	37.6	64. 4 39. 2	64. 2 39. 6	64.3 40.1	64. 6 40. 1	64. 7 42. 7	64. 1 44. 6	63. 7 44. 6	63. 4 44. 6	44.6	42.6	41.3	57.8 37.4
Paper and pulp	- 10.7	76. 5 51. 7	76. 2 52. 1	76. 2 52. 6	76. 3 55. 5	75. 5 56. 3	1			1			70. 6 54. 1
Dun's (300) 1926 = 100. World prices, foodstuffs and raw materials:	74. 2	68.3	66.4	68. 3	71.1				69. 0			68.0	70.8
Combined index* $1923-25=100$	46. 5	25. 9 51. 4	24. 8 50. 4	26. 6 51. 4	30. 5 59. 8	32. 6 73. 2	62.8	52.4	51. 9	48.4	47. 0	47.0	28.6 44.5
Coffee* 1923-25=100 Copper* 1923-25=100 Cotton* 1923-25=100 Rubber* 1923-25=25=100	48. 4 31. 6 11. 6	37. 9 21. 0 7. 2	37. 2 19. 5 6. 2	36. 5 21. 3 6. 8	37. 7 27. 2 8. 5		24. 3	22.8	21.7	22.8	34. 6 22. 4 6. 9	25.7	39. 0 25. 4 8. 3
Sugar* 1923-25=100	22, 2	17. 2 14. 7	16. 7 18. 7	17. 2 25. 9	23. 0 28. 4	25. 2	23.4	21.8	21.7	7   18.2	16.8	16.5	18.5 27.9
Tea*1923-25=100. Tin*1923-25=100	39. 6 71. 4	42.9 41.7	28.3 39.1	27. 3 41. 6	30. 5 45. 7	33. 3 49. 3	36.3 47.6	33.6 46.4	28. 0 45. 1	29. 2 45. 2	46.7	48.4	38. 1 54. 0
Wheat*1923-25=100 Wholesale prices, actual. (See under respective commodities.)	38.8	38. 8	35.0	34. 3	36. 2	37. 5	35. 0	33. 1	31. 2	32.0	30.0	30. 1	32.9
	CO	NSTR	UCTI	ON A	ND I	REAL	EST	ATE	<u> </u>	<u> </u>			<u> </u>
CONSTRUCTION CONTRACTS AWARDED		1											
Contracts awarded. F.R.B.:	1												
Total, unadjusted 1923-25=100 Residential 1923-25=100 Total, adjusted 1923-25=100 Residential 1923-25=100	20 14 17	31 14 26	32 12 27	31 12 27	32 11 30	30 12 30	12	24 10 27	)   8	2   18 3   7 3   25	16 7 19	'   8	16 11 14
Residential 1923-25=100 F. W. Dodge Corporation (37 States):	11	12 12	11	11	12			2 10		5 2			a 10
Total, all types: Projects number Floor space thous, of sq. ft	9, 409	7, 513	7, 151	7, 008	7, 185	7, 152	a 6, 483	5, 266	4, 20	5 3,800	3,884	6, 303	7, 254
Floor space thous, of sq. ft Valuation thous, of dolls Nonresidential buildings:	15, 277 77, 172	15, 742	12, 296 113, 075	14, 399 128, 769	13, 864 133, 988	13, 514	a 11, 034	1   12,068	6,94	9   8,453	7,382	2   9,890	10, 870 56, 573
Projects number Floor space thous. of sq. ft	3, 152 6, 525	a 8,899	2, 093 6, 395	2, 064 8, 678	2, 180 8, 114	6,721	4,912	6,036	3, 33	1 4,460	4,085	5 5,000	2, 535 4, 972
Valuationthous. of dolls	31,639	58, 946	39, 813	48, 982	49,071	35, 997	a 26, 917	31,84	24, 94		23, 670	26, 359 • Revise	23, 807

Monthly statistics through December 1931,	1933	<u> </u>			19	32				1	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	May	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
CO	NSTI	RUCT	ION A	ND 1	REAL	ESTA	TE—	Contin	ued	<u>'                                      </u>	<u> </u>	1	1
CONSTRUCTION CONTRACTS AWARDED—Continued													
F. W. Dodge Corporation (37 States)—Con. Public works and utilities:												0.51	
Projects number Floor space thous of sq. ft- Valuation thous of dolls	958 400 19, 013	1,589 182 61,718	1,724 106 50,146	1, 876 265 60, 046	1, 685 205 64, 150	1,745 243 68,725	1,378 138 58,501	1,082 543 54,212	939 181 43, 317	540 832 42, 674	466 148 17, 237	851 117 17, 578	685 85 13, 623
Residential buildings: Projectsnumber. Floor spacethous. of sq. ft. Valuationthous. of dolls. Engineering construction:	5, 299 8, 352 26, 520	[3, 784 6, 662 25, 557	3, 334 5, 794 23, 116	3, 068 5, 456 19, 741	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
Total contracts awarded (E.N.R.) thous. of dolls	78, 198	107, 743	118, 587	120, 458	81,634	114, 487	100, 812	100, 443	103, 360	95, 392	60, 513	57, 934	49, 393
HIGHWAY CONSTRUCTION													
Concrete pavement contract awards:  Totalthous. of sq. yd  Roads onlythous. of sq. yd  Federal-aid highways:  Approved for construction:	1, 902 1, 633	10, 360 9, 242	11, 068 10, 038	7, 236 6, 230	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	1, 696 1, 478	570 379
Estimated total costthous of dolls Federal-aid allotmentthous of dolls Mileage, totalnumber Initialnumber Stage (added improvement)number.	8, 371 2, 642 762 507 255	69, 732 31, 845 4, 200 2, 336 1, 864	60, 697 28, 014 4, 076 2, 111 1, 965	49, 676 22, 516 3, 538 1, 647 1, 891	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, 738 7, 498 1, 959 1, 408 551	13, 127 3, 938 1, 151 783 368
Under construction: Estimated total costthous of dolls. Federal-aid allotmentthous of dolls. Mileage, totalnumber. Initialnumber.	260, 736 92, 669 13, 657 9, 258	219, 647 103, 026 9, 734 7, 617	234, 043 109, 230 10, 512 7, 885	240, 857 112, 630 11, 237 8, 304	242, 175 112, 686 11, 518 8, 260	260, 943 115, 528 13, 268 9, 116	255, 315 107, 152 13, 224 8, 966	250, 724 101, 098 12, 978 9, 152	250, 978 98, 257 13, 349 9, 353	252, 372 95, 884 13, 301 9, 347	260, 185 97, 337 13, 561 9, 550	265, 678 98, 311 13, 855 9, 628	269, 489 97, 551 14, 209 9, 709
Stage (added improvement) - number.  Mileage completed to date - number.  Balance of Federal-aid funds for new construction - thous. of dolls.	4, 400 106, 554 16, 317	2, 117 100, 898 71, 383	2, 627 101, 032 61, 720	2, 934 101, 191 56, 836	3, 258 101, 505 51, 425	4, 152 101, 124 42, 075	4, 258 102, 361 33, 593	3, 826 103, 874 25, 583	3, 996 104, 562 20, 294	3, 953 105, 055 18, 075	4, 011 105, 412 15, 746	4, 228 105, 646 14, 550	4, 500 105, 835 15, 622
CONSTRUCTION COSTS				!									
Building costs—all types (American Appraisal $(C_0)^*$ 1913=100. Building costs—all types (A.G.C.).1913=100. Building costs—all types (E.N.R.).1913=100. Building costs—electric light and power construction (Richey)* 1913=100.	158 164, 4	153 166 152. 8	151 164 152. 2	150 163 153. 4	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	158 160. 2
Building costs—factory (Aberthaw) 1914=100. Building material costs:		148	148 167	149	150	153 166	153	152	152 166	152	150	151 165	153
Brick house, 6-room	150 145	157 152	157 150	154 148	155 148	155 149	153 148	154 148	153 149	152 147	151 146	153 147	150 143
MISCELLANEOUS DATA													
Construction—employment and wages: Employment, Ohio. (See Employment.) Wages, road building. (See Employment.) Fire losses, United States—thous. of dolls. Ship construction. (See Trans. Equipment.)		39, 271	34, 339	32, 982	31, 426	30, 972	30, 734	31, 168	39, 191	35, 548	36, 661	35, 321	27, 826
Real estate:  Market activityeach month 1926=100- New financing. (See Finance.)		54. 6	55. 2	47. 2	54. 2	53. 4	60. 4	50. 1	52.9	50.4	57. 2	41.7	41, 1
			ром	ESTI	C TR	ADE		•	-				
ADVERTISING													
Radio broadcasting:  Cost of facilities, totalthous. of dolls Automotivethous. of dolls Building materialsthous. of dolls	2, 293 121 0	3, 632 230 0	2, 997 175 0	2, 417 137 0	2, 286 127 0	2, 493 78 0	3, 036 58 0	3,060 57 0	3,006 118 0	2,803 176 0	2, 620 171 0	3, 014 215 0	ه 2,466 126 0
Clothing and dry goodsthous. of dolls Confectionerythous. of dolls Drugs and toilet goodsthous. of dolls Financialthous. of dolls Foodsthous. of dolls Foodsthous. of dolls	53 33 557 86 712	77 169 783 110 1,030	26 58 701 96 1, 025	54 571 88 808	0 67 522 84 684	23 139 474 90 780	19 134 556 92 909 16	29 170 628 88 896	17 186 650 99 898	21 145 699 85 750 32 49	39 100 638 76 722 50	47 120 719 86 860	52 103 4 598 82 767
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	44 0 11 304 44 0	20 65 77 199 8 30	43 36 183 7 21	32 8 182 0 17	3 33 2 198 0 15	13 23 10 182 0 12	35 18 211 0 15	69 14 247 16 12	84 8 308 27 12	32 49 8 319 54 9	12 12 12 292 36 0	77 0 13 294 57 0	43 7 6 281 36
Soaps and housekeepers' supplies thous, of dolls.  Sporting goodsthous, of dolls Stationery and publishers thous, of dolls Tobacco manufacturesthous, of dolls Miscellaneousthous of dolls	82 0 17 207	111 17 79 543	91 17 46 414	81 22 22 22 378	92 17 20 385	80 9 68 366	79 0 52 358	116 0 44 354	78 0 51 395	79 0 33 361	74 0 36 334	94 0 33 364	77 0 18 239
Miscellaneous thous of dolls Magazine advertizing:  Cost, total thous of dolls Automotive thous of dolls Building materials thous of dolls.  Clothing and dry goods thous of dolls.	23 9, 106 779 192	85 12, 958 1, 748 368	54 10, 888 1, 128 222 253	9 8, 195 789 127	37 6, 807 668 129	6, 836 512 133 185	485 8, 293 567 202 222	9, 053 535 195 198	75 7,827 375 146 162	5, 569 421 111 106	30 8, 236 1, 164 128 150	34 8, 670 834 150 241	32 9, 285 962 172
Clothing and dry goodsthous. of dolls Confectionerythous. of dolls Drugs and toilet goodsthous. of dolls Financialthous. of dolls ¶ Data for June, September, December 1932,	268 166 2, 029 177	303 297 2,615 196	355 2, 372 217	224 274 1,914 176	90 276 1,731 146	149 1,761 149	163 1,805 200	198 170 2,305 229	128 1,896 212	106 108 1, 257 198	2, 181 191	241 98 2, 453 196	244 144 <b>2,</b> 324 204

<sup>¶</sup> Data for June, September, December 1932, and March 1933, are for 5 weeks, other months 4 weeks.

New series. For earlier data see p. 19 of the January 1933 issue (building costs, Richey). Earlier data for American Appraisal Co. not published.

Revised.

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	May	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
		DOM	1EST)	C TR	ADE-	-Cont	inued						
ADVERTISING—Continued						-							
Magazine advertising—Continued Foods	1, 836 58 643 73 24 23 97 326 39 129 201	2, 050 95 1, 198 167 48 97 132 373 82 184 161	1; 862 68 884 139 27 72 88 463 82 205 170	1, 465 32 424 70 17 49 53 375 114 202 59	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	1, 953 24 561 146 31 80 55 299 205 120 164	1,816 19 367 202 29 71 23 284 210 113 67	1, 209 42 225 77 17 32 9 157 146 132 45	1, 817 75 367 28 27 38 27 175 83 144 13	1, 943 74 396 28 34 37 76 180 63 116 69	2, 075 64 522 50 33 34 99 216 61 116 159
thous. of dolls  Sporting goodsthous. of dolls Stationery and booksthous. of dolls Tobacco manufacturesthous. of dolls Travel and amusementthous. of dolls Miscellaneousthous. of dolls Linage, totalthous. of lines	750 136 121 457 388 197 1,922	973 312 195 563 463 339 4 2, 058	845 286 171 362 309 307 1,523	578 189 122 418 228 297 1,103	451 125 66 320 133 212 928	533 70 104 393 139 262 987	639 51 237 446 164 298 1, 246	464 65 267 472 213 303 1,364	358 146 326 352 259 264 1, 252	277 104 160 332 223 181 1, 266	632 41 170 347 195 190 1,584	643 49 118 392 278 203 1,791	702 79 135 392 311 188 1, 910
Linage, total (22 cities) thous of lines Linage, total (52 cities) thous of lines Classified thous of lines Display thous of lines Automotive thous of lines Financial thous of lines General thous of lines Retail thous of lines	62, 184 94, 649 17, 019 77, 630 7, 021 1, 528 16, 133 52, 947	a 69, 506 106, 004 20, 173 85, 831 6, 700 1, 709 19, 059 58, 363	65, 405 100, 157 20, 047 80, 109 7, 940 1, 706 18, 428 52, 035	50, 449 80, 871 17, 207 63, 665 5, 574 2, 226 13, 653 42, 212	49, 577 78, 839 17, 563 61, 275 4, 754 1, 621 13, 034 41, 866	62, 324 93, 003 18, 359 74, 644 3, 684 1, 645 15, 606 53, 708	70, 753 103, 323 19, 171 84, 153 3, 052 1, 975 18, 891 60, 235	63, 855 94, 967 16, 423 78, 545 3, 740 1, 737 16, 823 56, 245	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	49, 884 76, 364 14, 810 61, 554 2, 503 1, 951 13, 869 43, 230	60, 118 91, 053 17, 000 74, 053 4, 685 1, 511 15, 289 52, 569
COLLECTIONS													
Delinquent accounts, electrical trade: Amountdollars Firmsnumber	34, 668 651	76, 793 864	64, 134 882	56, 082 838	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
FINANCIAL INDICATORS								}					
Bank debits. (See Finance.) Business failures. (See Finance.) Commercial loans. (See Finance.) Money in circulation. (See Finance.)													
GOODS IN WAREHOUSES	ļ	ļ				ļ	:	,					
Space occupied, public merchandising ware- housespercent of total.		63. 5	62.7	62.6	62. 7	62. 0	61.7	62. 1	61.7	60. 7	60.8	a 60. 2	60. 4
NEW INCORPORATIONS						]							
Business incorporations (4 States)number  POSTAL BUSINESS	3, 373	2, 863	3, 107	2, 534	2, 909	2, 661	2, 592	2, 458	2, 681	3, 307	2, 839	2,674	2, 665
Air mail, weight dispatchedpounds		687, 906	694, 930	545, 060	568, 887	555, 661	567, 006	533, 047	542, 326	524, 721	493, 416	586, 822	568, 740
Money orders: Domestic, issued (50 cities): Numberthousands	3, 417	3, 421	3, 369	3,066	3, 061	2, 971	3, 219	3, 152	3, 574	3, 207	3,098	3, 936	3, 261
Number thousands Value thous of dolls Domestic, paid (50 cities) Number thousands	35, 399 9, 737	32, 021	32, 056 9, 369	30, 454 8, 187	30, 286 8, 306	29, 378 8, 441	31, 056 9, 430	9, 221	32, 745 10, 151	30, 038 8, 567	31,864 7,996	59, 711 10, 445	35, 866 9, 622
Number thousands Value thous of dolls Foreign, issued—value thous of dolls	88, 465	70, 720 2, 871	73, 903 3, 066	70, 157 2, 934	72, 506 2, 692	74, 483 2, 962	79, 092 2, 538	75, 369 2, 799	78, 670 6, 340	67, 210 2, 400	65, 370 2, 423	136, 196 2, 630	94, 163
Receipts, postal: 50 selected citiesthous. of dolls 50 industrial citiesthous. of dolls	24, 393 2, 703	22, 621 2, 513	22, 006 2, 452	23, 789 2, 959	23, 851 2, 900	25, 770 2, 835	26, 711 3, 030	26, 109 2, 840	33, 097 3, 789	24, 674 2, 955	22, 559 2, 659	24, 422 2, 646	23, 810 2, 678
RETAIL TRADE	İ								1	İ			
Chain-store sales: Combined index (20 companies)*					!								
av. same mo. 1929-31=100 Apparel (4 companies)* av. same mo. 1929-31=100	79	86 83	84	83 72	80	83	82	79 76	79	80 75	76	75 63	78 74
Grocery (6 companies)* av. same mo. $1929-31=100$ .	76	87	84	83	81	82	80	78	80	76	73	74	74
Five-and-ten (variety) stores: Total, 8 chains, unadjusted1923-25=100 Total, 8 chains, adjusted1923-25=100	126 130	133 138	127 138	118 135	118 127	123 135	142 133	130 129	226 117	100 135	103 138	110 121	a 129 a 140
F. and W. Grand: Salesthous. of dolls_ Stores operatednumber_	1, 249 74	1, 505 88	1, 428 81	1, 143 76	1, 137 75	1, 171 72	1,306 73	1, 276 76	2, 250 76	862 76	936 74	1, 058 74	1, 338 74
S. S. Kresge Co.: Salesthous. of dolls Stores operatednumber	9, 941 716	10, 059 715	10, 041 718	9, 042 718	8, 805 719	9, 430 722	10, 506 722	. 9, 841 723	18, 051 723	7, 706 718	8, 054 718	8, 492 717	10, 228 720
S. H. Kress & Co.: Salesthous. of dolls_ Stores operatednumber	4, 978 231	5, 126 227	4, 877 227	4, 492 227	4, 862 227	4, 914 227	5, 151 229	4, 854 229	9, 327 230	3, 913 232	3, 896 232	4, 087 231	4, 766 231
McCrory Stores Corp.: Salesthous. of dolls_ Stores operatednumber_	2, 361 237	3, 155 241	3, 025 241	2, 681 241	2, 627 241	2, 825 241	3, 475 241	3, 129 242	5, 830 242	2, 537 243	2, 339 243	2, 383 240	2, 721 226
G. C. Murphy Co.:  Salesthous. of dolls_ Stores operatednumber	1,661 178	1, 543 173	1, 491 173	1, 394 173	1, 361 173	1, 419 174	1,620 175	1, 563 175	2, 855 176	1, 130 176	1, 223 177	1, 314 178	1,629 178
Isaac Silver & Bros.: Salesthous. of dolls_ Stores operatednumber_	527	603	570 40	533 40	534 40	601 40	596	541	997	347	364	417	551 33
* New region		-		, 40 , 40	1000 /	. 40	, 98	, 59	. 55		. 00	34	33

<sup>\*</sup> New series. For tootnote see p. 19 of the December 1932 issue.

a Revised.

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933				19	932					19	33	
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	May	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
		DO	aesti	C TF	RADE-	Cont	inued						
RETAIL TRADE—Continued													
Chain-store sales—Continued Five-and-ten (variety) stores—Continued F. W. Woolworth Co.:													
Salesthous. of dolls_ Stores operatednumber_ Grocery chains: A. & P. Tea Co.:	19, 801 1, 931	20, 529 1, 913	18, 921 1, 915	18, 146 1, 919	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
Sales, value total thous. of dolls.  Weekly average thous. of dolls. Sales, tonnage, total tons. Weekly average tons.	61, 525 15, 381 397, 498 99, 375	72, 433 18, 108 437, 687 109, 422	86, 063 17, 213 531, 088 106, 218	64, 239 16, 060 397, 468 99, 367	79, 317 15, 863 490, 487 98, 097	63, 625 15, 906 391, 804 97, 951	66, 530 16, 633 415, 659 103, 915	62, 849 15, 712 395, 275 98, 819	79, 616 15, 923 498, 470 99, 694	57, 235 14, 309 371, 394 92, 849	61, 102 15, 276 406, 156 101, 539	74, 981 14, 996 495, 192 99, 038	61, 056 15, 264 405, 660 101, 415
Restaurant chains: Total sales, 3 chains: Salesthous. of dolls	3, 173	3,736	3, 456	. 3, 269	3, 314	3, 403	3, 406	3, 386	3, 641	3, 425	3, 081	3,290	3, 201
Stores operatednumber_Childs Co.: Salesthous. of dolls	379 1, 227	383 1, 426	383 1, 274	384 1, 203	382 1, 268	382 1,311	383 1,350	382 1, 445	382 1,554	381 1, 431	381 1, 278	382 1, 311	381 1, 320
Stores operatednumber_ J. R. Thompson Co.: Salesthous. of dolls_	104 865	107 1,053	1,019	1,002	1,001	976	106 950	105 887	105 918	105 884	105 784	105 875	105 820
Stores operatednumber .  Waldorf System (Inc.): Salesthous. of dolls Stores operatednumber .	116 1,081 159	115 1, 257 161	116 1, 163 160	117 1, 064 160	115 1, 045 160	116 1, 116 159	117 1, 106 160	117 1,054 160	117 1, 169 160	117 1, 110 159	117 1,019 159	116 1, 104 161	116 1,055 160
Other chains: W. T. Grant & Co.: Salesthous, of dolls	6, 553	a 6, 084	a 5, 863	a 5, 090	5, 055	a 5, 658	a 6, 962	a 6, 334	a 11, 368	4, 270	4, 491	5, 137	6, 277
Stores operatednumber  J. C. Penney Co.: Salesthous. of dolls	451 14, 433 1, 478	417 412, 645	424 12, 025	429 11, 455	434 10, 752	438 13, 053	16, 752	15, 042	18, 942	8, 688	8, 460	451 10, 234	451 14, 592 1, 478
Stores operatednumber Department-store sales and stocks: Sales, total value, adjusted1923-25=100 Sales, total value, unadjusted1923-25=100	1, 478 67 67	1, 466 72 72	1, 467 69 66	1, 468 65 46	1, 472 65 49	1,474 68 71	1, 477 69	1, 477 63 73	1,476 60 106	1, 473 60 49	1, 474 60 49	1, 478 57 50	1, 470 67 68
Atlanta 1923-25=100   Roston 1923-25=100	68 70 69	65 73 70	56 70 66	44 46 45	53 48 50	65 75 69	75 75 80 71	63 76 65	96 115 100	43 50 49	48 43 46	49 51 50	a 59 a 64 a 63
Chicago 1923-25 = 100. Cleveland 1923-25 = 100. Cleveland 1923-25 = 100. Dallas 1923-25 = 100. Kansas City 1923-25 = 100.	61 67 63	64 63 63	58 54	40 38 42	44 47 50	55 72	80 71 61 77 71	57 68 64	90 99 96	41 42 44	41 45 45	42 53 53	□ 64 □ 62 □ 62
New York 1923-25=100 Philadelphia* 1923-25=100	60 76 59	58 78 63	56 57 81 60	40 50 39	50 56 42	73 72 80 53	62 95 74	56 91 66	85 134 101	40 56 44	37 54 40	56 65 49	4 66 78 60
St. Louis 1923–25 = 100 San Francisco 1923–25 = 100 San Fr	80 60 73	85 62 70	80 57 67	51 39 59	55 47 75	53 77 71 73	94 68 79	86 67 68	137 92 121	54 43 54	51 42 52	61 47 59	78 • 60 • 68
Installment sales, New England dept. stores, ratio to total salespercent  Stocks, value, end of month:	6.9	7. 3	5. 6	5. 2	9.6	9.3	9.9	7.3	4.1	6. 2	7.1	6.3	5.3
Unadjusted	56 55	69 68	65 67	59 64	59 61	63 60	67 61	69 61	56 <b>60</b>	52 58	54 56	55 53	55 53
Total sales, 2 companiesthous. of dolls Montgomery Ward & Cothous. of dolls Sears, Roebuck & Cothous. of dolls	37, 778 15, 103 22, 675	38, 718 14, 172 24, 546	39, 889 14, 840 25, 049	32, 073 11, 804 20, 269	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
I	EMPL	OYM:	ENT (	COND	ITIO	NS AI	ND W	AGES	<u>-</u>				
EMPLOYMENT			i									İ	
Factory, unadjusted (F.R.B.)_1923-25=100_ Cement, clay, and glass1923-25=100_ Cement1923-25=100_	60. 0 43. 7 38. 4	61. 3 47. 0 42. 7	59. 1 45. 0 42. 8	57. 2 43. 4 41. 9	58. 6 42. 1 39. 2	61. 5 43. 4 43. 3	62. 0 44. 9 44. 3	60. 9 44. 6 42. 4	59. 6 41. 4 34. 0	31.0	59. 2 37. 8 30. 7	56. 7 38. 1 31. 0	57. 8 40. 8 36. 7
Cement 1923-25=100 Clay products 1923-25=100 Glass 1923-25=100 Chemicals and products 1923-25=100	35. 3 63. 2 78. 9	42. 6 57. 9 78. 3	39. 6 56. 9 74. 2	38. 7 53. 6 72. 3	38. 0 51. 8 72. 2 75. 7	38, 5 53, 4 74, 0	39. 4 56. 0 75. 1	39. 0 57. 0 75. 5	36. 1 56. 2 75. 4	52. 2 76. 2	31. 4 54. 4 77. 3	31. 2 55. 6 78. 2	32, 8 58, 6 82, 4
Chemicals and drugs	80. 8 76. 8 80. 2	80. 6 78. 2 81. 0	78. 0 78. 1 80. 9	75. 6 77. 4 79. 3	75. 8 80. 7	76. 9 76. 6 83. 8 51. 7	79. 4 74. 6 85. 0	80. 1 74. 3 82. 9	79. 6 75. 4 81. 5	80. 2 75. 0 78. 6	80. 5 75. 7 78. 4	80. 1 75. 8 76. 9	78. 8 75. 9 78. 2
Iron and steel	53. 2 76. 4 77. 8 70. 9	57. 2 72. 7 74. 4	54. 8 70. 5 72. 7 61. 6	51. 4 71. 6 74. 2 61. 3	50. 4 76. 1 79. 4 62. 6	78. 0 81. 1 65. 0	53, 3 79, 0 81, 7 67, 9	53. 6 72. 7 73. 4 69. 6	52. 1 70. 0 70. 3 68. 6	49. 6 73. 3 74. 6 68. 1	51. 8 77. 3 79. 2 69. 6	49. 1 76. 6 78. 8 67. 8	50. 6 75. 0 77. 7 63. 9
Leather     1923-25=100       Lumber and products     1923-25=100       Machinery     1923-25=100       Metals, nonferrous     1923-25=100	35.3 44.5 47.9	65. 4 38. 6 54. 4 51. 4	37. 8 51. 3 48. 6	36. 3 48. 4 45. 4	36. 4 46. 4 45. 8	37. 7 45. 9 46. 6	39. 0 45. 8 47. 1	38. 1 46. 0 48. 4	36. 6 46. 0 46. 8	33. 8 44. 0 44. 4	33. 4 44. 4 45. 3	31. 8 42. 8 42. 3	32, 8 43, 1 44, 4
Paper and printing 1923-25=100. Rubber products 1923-25=100. Auto tires and tubes 1923-25=100.	79. 4 60. 2 66. 6	83. 8 66. 0 69. 1	82. 0 67. 0 70. 3	80. 5 65. 0 69. 4	79. 3 63. 6 66. 3	80. 9 60. 2 63. 3	82. 3 60. 5 62. 9	82. 2 61. 2 62. 7	81. 6 61. 8 62. 2	80. 2 59. 1 61. 3	80. 1 59. 4 62. 5	78. 7 57. 0 60. 4	78. 57. 60.
Boots and shoes. 1923-25=100. Textiles and products 1923-25=100. Fabrics 1923-25=100.	40. 8 73. 0 75. 7	56. 9 62. 0 62. 3	57. 1 57. 2 58. 2	51. 9 53. 9 56. 4	55. 2 62. 3 63. 8	50. 7 71. 9 72. 6	53. 3 75. 7 76. 2	56. 6 73. 1 75. 2	60. 3 71. 1 74. 1	52. 7 69. 6 72. 8	50. 4 72. 3 73. 7	46. 4 67. 7 68. 1	46. 69. 69.
Wearing apparel	66. 1 64. 2 43. 7	61. 3 67. 3 52. 4	54. 7 69. 0 50. 8	47. 5 68. 4 49. 2	58. 4 68. 3 45. 1	70. 3 69. 9 43. 1	74. 4 71. 9 41. 3	67. 8 72. 7 43. 3	63. 4 68. 8 44. 8	61. 7 60. 4 46. 1	69. 0 63. 4 45. 1	66. 7 57. 6 42. 5	69. 56. 541.
Automobiles1923-25=100	47. 8 39. 7 53. 4	59. 7 44. 2 81. 4	59. 6 41. 6 78. 5	57. 9 40. 7 71. 4	50. 8 38. 7 66. 9	44. 3 40. 1 64. 5	37. 3 42. 1 63. 4	40. 5 43. 4 62. 4	45. 2 42. 7 62. 4	50. 4 41. 3 60. 9	49. 6 40. 6 57. 1	43. 9 40. 3 54. 1	44. 4 38. 4 49. 1
Shipbuilding1923-25=100		62. 1	60.0	58.3	58.8	60.3	61.1	61. 2	60.6	59.4	59.4	56.6	57.1
Car building and repairing 1923-25=100. Shipbuilding 1923-25=100. Factory, adjusted (F.R.B.) 1923-25=100. Cement, clay, and glass 1923-25=100. Cement 1923-25=100.	60. 6 42. 6 37. 6	45. 8 41. 9	43. 4 40. 9	43. 1 39. 8	40. 5 36. 4	41.9 41.1	43.8 42.6	44.3	42. 6 35. 3	39. 4 34. 0	39. 9 33. 8	38. 9 33. 1	40, 2 37, 3
$(actory, adjusted (F.R.B.)_{} 1923-25 = 100_{}$	42.6	45.8	43.4	43.1	40.5		43.8			34. 0 32. 8 55. 7 76. 4		38.9	40. 2 37. 3 32. 2 57. 8 77. 6 78. 1

Revised.

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

1, r-	1933					1932						1933	
y	May	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April

#### EMPLOYMENT CONDITIONS AND WAGES-Continued

EMPL	очмі	ENT (	COND	ITION	IS AN	ID W.	AGES	Con	tinued				
EMPLOYMENT—Continued													
Factory, adjusted (F.R.B.)—Continued Food products	82. 6 52. 5 79. 7 81. 4 72. 6 35. 7 44. 2 47. 9 50. 3 42. 9 43. 8 41. 9 43. 8 39. 4 52. 1	83. 2 56. 5 77. 9 67. 0 39. 0 54. 1 84. 3 65. 8 67. 7 59. 9 62. 4 62. 4 62. 5 50. 2 79. 4	81. 1 54. 8 74. 3 76. 9 63. 4 37. 9 51. 0 82. 8 67. 0 68. 9 61. 1 58. 7 58. 7 59. 0 90. 0	79. 4 52. 1 71. 9 74. 1 62. 4 36. 1 48. 3 46. 0 81. 4 64. 6 68. 1 54. 3 56. 9 58. 6 52. 9 49. 3 58. 1 40. 4 73. 0	81. 0 50. 6 74. 0 76. 7 62. 9 35. 7 46. 4 80. 4 62. 7 64. 8 66. 1 61. 5 84. 8 49. 8 88. 6 70. 7	81. 8 51. 3 74. 9 77. 3 65. 0 46. 0 47. 2 81. 1 58. 6 61. 6 49. 4 72. 2 73. 6 66. 6 67. 9 42. 8 43. 0 40. 0 69. 2	81. 3 53. 2 76. 1 78. 1 67. 9 37. 6 46. 1 47. 8 82. 0 60. 7 4. 3 75. 5 71. 2 83. 41. 4 41. 9 67. 6	80. 7 53. 8 73. 2 74. 1 69. 1 37. 3 46. 6 48. 9 81. 1 63. 7 73. 9 68. 6 45. 6 45. 6 45. 6 45. 6 65. 0	80. 0 52. 8 72. 0 72. 9 68. 3 46. 4 47. 4 80. 2 63. 2 63. 2 65. 3 70. 4 72. 9 64. 0 71. 6 64. 0 72. 9 64. 0 72. 9	79. 6 50. 6 72. 9 74. 4 66. 9 35. 0 44. 5 79. 6 59. 7 62. 6 51. 2 61. 5 64. 5 64. 5 79. 6 72. 2 61. 5 72. 2 73. 2 74. 4	79. 2 51. 4 75. 6 77. 5 67. 5 34. 4 44. 2 44. 2 44. 4 79. 9 59. 1 72. 2 66. 1 45. 0 48. 0 48. 0 41. 1 54. 1	78. 4 48. 3 75. 7 78. 0 66. 2 32. 5 42. 2 78. 5 56. 6 59. 7 47. 3 66. 9 61. 9 41. 7 40. 5 50. 9	81. 2 50. 0 76. 4 79. 3 64. 4 33. 3 42. 6 43. 4 78. 8 56. 7 59. 6 68. 5 69. 2 68. 5 7. 5 40. 1 41. 5 41. 5 41. 5 43. 3 47. 0
Cities:       1929-31 = 100.         Baltimore*       1925-27 = 100.         Chicago*       1925-27 = 100.         Cleveland       Jan. 1921 = 100.         Detroit       1923-25 = 100.         Milwaukee*       1925-27 = 100.         New York       1925-27 = 100.         Philadelphia       1923-25 = 100.         States:	63. 6 51. 1 68. 8 52. 5 61. 0 58. 4 65. 3	72. 5 55. 9 69. 7 69. 6 59. 3 57. 2 66. 7	69. 0 55. 4 68. 6 72. 2 57. 4 54. 3 65. 5	65. 3 51. 0 66. 0 63. 4 53. 5 51. 0 61. 8	65. 4 53. 0 66. 7 29. 2 53. 7 55. 3 62. 5	66. 6 53. 4 65. 1 37. 4 55. 4 59. 6 66. 0	67. 1 53. 3 65. 2 42. 0 55. 4 61. 6 69. 9	64. 7 51. 8 65. 6 39. 3 55. 7 59. 5 68. 4	64. 9 49. 8 66. 6 48. 0 54. 4 57. 9 65. 5	61. 2 49. 2 66. 6 28. 8 53. 7 55. 8 63. 5	63. 5 49. 7 66. 8 49. 2 54. 1 58. 0 63. 1	60. 5 48. 2 61. 7 41. 8 54. 3 56. 3 60. 8	64. 3 49. 3 65. 3 50. 0 *57. 5 57. 8 61. 4
Delsware	73. 1 53. 6 86. 4 	72. 6 57. 2 92. 8 54. 5 72. 5 62. 4 57. 6 65. 1 61. 4 63. 9	71. 5 56. 6 91. 7 51. 7 68. 1 61. 5 55. 6 64. 3 59. 7 62. 4	69. 8 52. 3 91. 2 48. 4 66. 0 58. 9 52. 4 57. 1 62. 4	68. 1 53. 5 91. 5 54. 4 66. 5 57. 5 54. 4 59. 3 58. 5 60. 2	72. 1 54. 5 94. 0 59. 7 68. 9 59. 8 57. 8 60. 3 60. 6 61. 1	70. 9 54. 4 95. 1 62. 1 71. 0 60. 1 59. 5 61. 4 62. 4 60. 5	71. 6 53. 5 93. 5 59. 0 69. 9 59. 4 58. 9 61. 5 61. 8 60. 1	73. 5 51. 7 92. 6 56. 8 69. 4 59. 2 57. 1 60. 7 60. 0 58. 8	73. 4 50. 7 85. 6 55. 8 65. 4 56. 3 55. 4 60. 6 57. 7 57. 3	74. 3 52. 1 88. 2 57. 9 67. 5 57. 4 56. 3 61. 5 58. 6 58. 8	71. 5 50. 8 83. 2 53. 9 64. 3 55. 1 53. 7 57. 2 54. 5 58. 6	69. 6 51. 7 83. 7 64. 1 67. 5 55. 0 55. 3 60. 5 55. 1 60. 8
Anthracite. 1929=100.  Bituminous coal. 1929=100.  Metalliferous. 1929=100.  Petroleum, crude production. 1929=100.  Quarrying and nonmetallic. 1929=100.  Public utilities:	43. 2 61. 2 30. 0 56. 9 43. 4	66. 9 62. 6 38. 3 54. 5 50. 6	53. 0 60. 5 32. 2 54. 2 49. 5	44. 5 58. 6 29. 5 55. 4 49. 5	49. 2 59. 4 28. 6 57. 4 51. 1	55. 8 62. 4 29. 3 56. 2 52. 4	63. 9 67. 0 30. 5 56. 8 52. 4	62.7 69.4 31.9 56.5 49.4	62. 3 70. 0 33. 3 57. 2 42. 3	52. 5 69. 8 32. 4 57. 2 35. 1	58. 7 69. 3 31. 5 57. 0 34. 8	54. 6 67. 6 30. 0 56. 5 35. 1	51. 6 63. 7 29. 4 56. 8 39. 3
Electric railroads	69. 1 76. 9 70. 1	76. 9 84. 0 80. 6	76. 5 83. 2 79. 9	75. 6 82. 3 79. 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	69. 5 76. 9 72. 3
Trade: Retail	77. 0 74. 0	80. 9 77. 9	79. 4 77. 0	74. 6 76. 6	72. 6 76. 4	77. 8 77. 1	81. 3 77. 8	81. 7 77. <b>6</b>	95. 2 77. 0	76. 9 75. 3	73. 4 74. 1	71. 4 73. 1	78. 6 73. 3
Miscellaneous:  Banks, brokerage houses, etc.*_1929=100.  Canning and preserving1929=100.  Dyeing and cleaning*1929=100.  Hotels1929=100.  Laundries*1929=100.  Miscellaneous data:	96, 4 45, 5 82, 0 71, 9 73, 5	98. 2 40. 5 84. 5 80. 1 81. 4	98. 1 55. 5 85. 1 78. 0 81. 0	98. 5 73. 0 82. 4 78. 4 80. 3	98. 7 99. 0 79. 5 77. 6 78. 9	98. 6 125. 3 83. 3 77. 0 78. 6	98. 7 81. 1 82. 3 75. 4 77. 5	98. 2 50. 5 78. 0 74. 3 76. 2	98. 0 33. 7 75. 2 73. 2 75. 9	97. 6 34. 1 73. 0 73. 8 75. 4	97. 0 35. 1 70. 9 73. 8 74. 4	96. 8 33. 2 71. 2 72. 4 73. 0	96. 3 49. 2 81. 1 71. 9 73. 4
Farm employees, hired, average per farm	25. 3	33. 3	36. 3	37. 8	37.9	40.8	35.7	30. 4	24, 8	23. 9	21.3	20.1	22.1
rumber Federal and State highway employment, total*number Construction*number Maintenance*number. Federal civilian employees:	. 96	. 93 259, 615 129, 842 129, 773	. 96 280, 636 151, 617 129, 019			155, 128	. 89 373, 246 214, 427 158, 819	1	ł ´	. 74 266, 443 115, 404 151, 039	255, 256 114, 567 140, 689	. 79 279, 213 133, 595 145, 618	. 86 299, 882 162, 816 137, 066
United States*number_ Washingtonnumber_ Railroad employees, class Ithousands_	1	612, 833 69, 375 1, 082	613, 941 68, 793 1, 047	608, 703 67, 552 1, 022	611, 010 67, 259 996	610, 948 67, 070 1, 010	608, 488 66, 974 1, 033	607, 904 66, 388 1, 013	600, 943 66, 302 994	599, 990 66, 800 960	600, 311 66, 802 956	603, 818 67, 557 934	605, 554 67, 063
Trade-union members employed: All trades percent of total_ Building trades* percent of total_ Metal trades* percent of total_ Printing trades* percent of total_ All other trades* percent of total_ On full time, all trades percent of total_	67 31 53 77 80 47	69 39 61 82 80 47	68 38 58 82 79 47	66 36 55 79 77 45	67 36 55 78 78 46	68 35 54 80 80 46	69 35 54 80 82 47	68 33 54 81 81 45	66 31 54 80 79 44	65 30 53 80 78 45	66 29 50 78 79 46	66 28 51 78 78 44	67 29 51 78 80 46
LABOR CONDITIONS				<u> </u>								1	
Factory operations, proportion of full time worked, totalpercent. Chemicals and productspercent. Food productspercent. Leather and productspercent. Lumber and productspercent. Metal productspercent.	95 90	84 93 94 79 76	83 92 94 79 75	82 92 94 80 71	83 90 94 84 74	85 91 95 87 78	86 91 95 86 79	85 90 94 80 76	84 90 93 80 73	84 89 94 86 73	85 90 93 90 77	84 89 92 88 77	86 92 94 88 82
Iron and steel percent.  Other percent percent.  Paper and printing percent.  Stone, clay, and glass percent.  Textile products percent.  Tobacco products percent.  Transportation equipment percent.  Automobiles percent.  Hours of work per week in factories:*  Actual, avg. per wage earner hours.	81 89 87 93 83 83 89 88 37. 4	71 76 87 83 85 79 82 75	70 75 86 81 85 80 81 76	67 73 84 80 84 80 79 70	67 73 83 79 88 79 78 70 32. 2	68 78 86 79 93 78 78 69 34.9		70 80 86 78 92 80 82 76	68 80 85 78 90 82 84 80	70 78 86 85 89 80 87 85	72 77 88 83 90 79 86 82 35. 2	70 73 87 83 87 78 83 76 32. 2	73 76 88 84 90 83 90 90

<sup>\*</sup> 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).

\* Revised.

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	May	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
EMPL	OYM	ENT	CONE	OITIO.	NS A	ND W	AGES	S—Cor	tinued			<del>,</del>	
LABOR CONDITIONS—Continued													
Labor disputes: † Disputes number		a 52	a 46	a 40	a 38	<b>4 3</b> 3	a 23	a 21	a 12	29	a 32	a 45	49
Disputes number Man-days lost number Workers involved number Labor turnover (quarterly):*		41,251,455	a943, 338 a 24, 138	a740, 785 a 33, 216	4754, 423 4 27, 717	<sup>a</sup> 566, 045 <sup>a</sup> 7, 456	a147, 059 a 2, 324	a 68, 154 a 1, 896	a 40, 492 a 997	240, 912 8, 790		400, 821 47, 773	317, 289 14, 357
Labor turnover (quarterly):* Accessionspercent of no. on pay roll		10,	7.80			12.55		1,000	10. 50			8, 50	
Separations:	i		.49			. 45	}		. 43	1		. 38	
Dischargedpercent of no. on pay roll Laid-offpercent of no. on pay roll Voluntary quits			12.92			10.78			8.75			10. 14	
percent of no. on pay roll.			2.15			2.10			1.77			1.56	
PAY ROLLS												] [	
Factory, unadjusted (F.R.B.)1923-25=100 Cement, clay, and glass1923-25=100	42. 0 25. 1	46. 2 30. 2	42. 6 27. 3	39.6 24.4	40.1 23.9	42. 1 24. 6	43. 5 26. 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
Clay products 1923-25=100 1925-25=100 1925-25=100 1925-25	21. 2 15. 9	30. 0 22. 4	28. 5 19. 0	25. 9 17. 8	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
Glass	45. 9 61. 9	46. 2 66. 9	43. 2 63. 2	36.9 60.0	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	13. 8 36. 7 60. 4	39. 9 60. 8
Unemicals and drugs1923-23=100 Petroleum refining 1923-25=100	62. 0 65. 1	65. 6 72, 5	61. 1 72. 1	57. 8 68. 9	58. 1 68. 2	58. 4 66. 3	61. 9 63. 3	62.3 63.1	60. 5 62. 8	60. 6 64. 6	61. 1 64. 3	59.8 64.5	58. 4 63. 8
Hood products 1923-25 at the	64. 8 29. 5	72. 9 30. 4	71. 4 26. 0	68.3 22,2	67. 9 22. 1	70. 8 23. 4	70. 9 26. 2	67. 0 25. 6	66. 1	64. 1 22. 7	62. 7 24. 7	59.8 22.4	62. 6 24. 4
Iron and steel 1923-25=100.  Leather and products 1923-25=100.  Boots and shoes 1923-25=100.	50. 8 49. 2	45. 7 44. 4	45. 0 44. 3	46. 2 46. 1	51.7 52.4	54. 5 55. 2	55. 0 54. 6	43. 8 40. 7	42. 0 38. 7	43. 7 41. 7	50. 0 49. 0	47. 1 46. 2	45. 9 46. 0
Leather	56.6	50. 3 22. 2	47. 4 20. 9	46. 6 19. 0	49. 0 19. 3	52. 3 20. 9	56. 3 22. 4	55. 0 20. 9	53. 9 18. 8	50.9 16.3	53. 9 16. 3	50. 3 14. 3	45. 4 15. 6
Machinery 1923–25 = 100.  Metals, nonferrous 1923–25 = 100.	18. 0 27. 4	35.9	32. 3 32. 0	28. 8 29. 4	27. 1 28. 9	27.0	27.7	27. 4 31. 9	28. 0 30. 1	26.0	26. 3 27. 4	24.0	24. 4
Paper and printing1923-25=100	34. 5 64. 9	34. 5 77. 0	72.9	69.1	67.4	30. 3 70. 0	32. 2 71. 7	70. 2	69.8	27. 5 67. 0	65.8	25, 1 63, 3	27. 4 62. 4
Rubber products1923-25=100_ Auto tires and tubes1923-25=100_	46. 2 49. 0	48. 7 50. 4	55. 1 59. 4	45. 9 49. 7	41. 5 43. 0	36. 4 35. 6	38. 9 38. 1	38. 6 36. 1	39. 8 36. 7	35. 4 34. 8	35. 8 35. 7	31. 1 31. 7	34. 2 35. 2
Boots and shoes 1923-25 = 100 Textiles and products 1923-25 = 100	34. 7 46. 8	41. 6 41. 5	37. 9 35. 8	30. 8 32. 5	35. 7 42. 3	39. 9 53. 1	42. 4 55. 6	48.3 49.4	52. 2 46. 4	38.0 44.2	36. 3 48. 2	28.6 41.3	30. 2 45. 2
Fabrics 1923-25=100_	50. 1 40. 1	40.3 44.0	37. 0 33. 4	34. 4 28. 6	42. 1 42. 6	51. 7 56. 0	55. 2 56. 3	51.9 44.2	50. 1 39. 1	46.6 39.2	48. 4 47. 7	40.8 42.4	43. 0 49. 8
Wearing apparel	45. 5 35. 3	48. 4 45. 9	52. 2 40. 7	51. 4 37. 3	49. 4 31. 6	51. 0 27. 3	52. 6 29. 1	52. 4 31. 9	50. 4 33. 8	38. 3 34. 0	40. 2 32, 1	36. 0 29. 2	35. 9 30. 6
Automobiles 1923-25=100 Car building and repairing 1923-25=100.	40. 4 30. 6	53. 5 37. 3	47. 1 32. 9	43. 4 29. 6	32. 7 28. 6	22. 2 28. 9	23. 3 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
Shipbuilding 1923-25=100	40.3	71.0	67. 4	64. 9	53. 6	52. 4	53. 4	48. 8	52. 4	46.6	44. 2	40. 3	37. 4
Factory by cities:  Baltimore * 1929-31 = 100 Chicago * 1925-27 = 100 Milwaukee * 1925-27 = 100 New York * 1925-27 = 100 Philadelphia * 1923-25 = 100	46.9	53. 4 34. 4	50. 5 33. 5	46. 2 29. 0	45.9 31.6	47. 2 32. 0	48.7 31.4	46.0 28.5	46.0 28.3	42. 5 28. 4	42. 5 28. 6	41. 4 25. 7	44. 3 26. 4
Milwaukee *	29. 3 38. 7	36. 4 48. 6	32. 7 45. 6	27. 6 42. 4	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	34.8
Philadelphia *	45. 6 47. 8	50.1	49.0	44.4	45.1	51. 1	54. 3	50.5	48.6	45.5	45. 9	43. 7 42. 3	46. 0 43. 5
Dolowere 1993-95-100	48.3	49.4	48.5	45.9	44.7	47.9	48.0	46.7	49.3	46.9	48.5	44.4	42. 6
Illinois	31. 3 49. 1	a 34. 9 a 55. 0	34. 0 51. 9	29. 3 47. 8	31. 4 47. 7	32. 2 49. 3	32. 5 51. 2	30. 1 48. 9	29.1 48.4	28. 5 44. 7	29. 6 45. 7	27. 2 44. 0	28, 2 45, 9
Massachusetts *	45.8	40. 5 53. 2	37. 7 51. 7	34. 5 47. 9	39. 2 46. 0	44. 4 49. 2	45. 6 49. 8	42.0 47.5	40. 4 47. 5	38.3 44.1	40. 8 45. 3	35. 9 41. 5	36. 7 43. 1
Maryland *   1920-31 = 100   Massachusetts *   1925-27 = 100   New Jersey   1923-25 = 100   New York   1925-27 = 100   Pennsylvania   1923-25 = 100   Pen	42. 4 35. 6	44. 9 37. 3	42. 6 35. 7	39. 4 32. 1	41. 2 33. 6	44. 9 36. 0	46. 4 38. 7	44. 2 36. 4	42. 6 35. 2	40. 1 31. 9	40. 7 32. 8	38. 4 30. 0	40. 1 31. 4
Wisconsin 1925-27 = 100 Nonmanufacturing (Department of Labor):	40.6	41.3	38.0	34, 2	35. 3	37.0	39.3	38. 2	35.0	32. 5	34. 0	32.6	36. 4
Mining: Anthracite1929=100.	30.0	58.0	37.4	34. 5	41.4	47.0	66.7	51.0	56. 2	43. 2	56.8	48.8	37. 4
Riffiminois cost 1929=100	26. 9 17. 0	30. 7 23. 8	27. 3 20. 1	24. 4 16. 9	26. 4 16. 5	30. 2 17. 0	37.8 18.0	38. 0 18. 7	37. 7 18. 7	36. 1 18. 1	37. 2 17. 8	30. 7 17. 4	26. 6 16. 4
Metalliferous 1929=100 Petroleum, crude production 1929=100 Quarrying and nonmetallic 1929=100	41.6 23.8	47. 1 32. 3	44. 8 30. 0	44. 6 29. 1	42. 9 29. 7	41. 9 30. 5	42. 5 30. 1	42. 4 27. 1	41.7 22.1	39. 9 18. 1	41. 7 17. 4	42. 5 17. 8	40. 1 20. 2
Electric railroads1929=100	58, 2	72. 2	70. 2	66. 4	63.8	62. 5	61. 5	61.7	61.9	60. 9	60. 6	59. 4	58. 1
Power, light, and water1929=100 Telephone and telegraph1929=100	69. 9 68. 5	84. 2 82. 8	80. 5 82. 1	78. 7 79. 6	76. 7 79. 1	74. 7 75. 9	74. 4 75. 7	73. 2 74. 3	73. 2 73. 5	73. 0 71. 7	71.6 471.9	71.9 a 71.6	69. 4 67. 8
Trade: 1929=100_	59. 5	71. 1	68. 2	63. 3	60.7	64. 6	67. 1	66. 9	73.6	62. 7	58. 4	55. 1	60. 4
Wholesale 1929=100 Miscellaneous:	57.4	69.7	66. 2	64. 7	63. 2	63. 1	63. 9	63. 3	62. 6	61. 7	58. 6	57. 1	56.0
Banks, brokerage houses, etc.*_1929=100 Canning and preserving1929=100	83. 6 31. 8	93. 2 36. 0	90. 4 40. 5	90. 1 47. 5	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
Dyeing and cleaning *	53. 9 51. 8	67. 3 67. 0	65. 8 63. 8	60. 0 61. 8	56. 3 59. 6	61.0 59.1	58. 8 58. 6	52. 3 57. 5	48. 4 56. 6	46.6	42. 4 55. 9	41. 0 53. 5	54. 6 51. 7
Laundries *1929=100_	54. 5	70. 6	68.6	66.3	63. 9	62.9	61. 2	59.1	58.7	55. 7 57. 9	55. 5	52.9	54. 0
WAGES—EARNINGS AND RATES	[		į										
Factory, weekly earnings (25 industries):* All wage earnersdollars	16. 71	17. 17	16. 24	15. 43	15.35	16. 23	16.86	16.84	16.37	16, 21	16. 13	14. 56	15. 39
Male: Skilled and semiskilleddollars	18.94	19. 63	18. 37	17. 59	a 17. 51	18. 58	19. 25	19, 40	18. 55	18. 83	18, 67	16. 54	17. 75
Unskilleddollars	14.42	14.64	13.80	13.16	13. 13	13.94	14.35	14. 20	13.66	13. 89 10. 97	13. 92 10. 96	12. 27 9. 93	13. 30 10. 09
Femaledollars All wage earners1923=100	11. 03 62. 8	11. 03 64. 5	10. 70 61. 0	10. 42 58. 0	4 10.60 57.7	11. 70 61. 0	12. 22 63. 4	11.86 63.3	11. 56 61. 5	60.9	60. 6	54.7	57.8
Male: Skilled and semiskilled1923=100	61.5	63.7	59.6	57.1	4 56. 9	60.3	62. 5	63.0	60. 2	61.1	60.6	53.7	57. 6
Unskilled 1923 = 100. Female 1923 = 100.	64. 7 64. 0	65. 7 <b>64</b> . 0	61. 9 62. 1	59. 1 60. 4	58.9 461.5	62. 6 67. 9	64. 4 70. 9	63. 7 68. 8	61. 3 67. 1	62. 3 63. 6	62. 5 63. 6	55. 1 57. 6	59. 7 58. 5
Factory, av. hourly earnings (25 industries): All wage earners *dollars	. 453	. 510	. 500	. 489	. 487	. 479	. 474	. 468	. 467	. 468	. 464	. 460	. 460
Male: Skilled and semiskilled *dollars	. 513	. 570	. 558	. 553	. 546	. 541	. 538	. 530	. 527	. 529	. 527	. 521	. 522
Unskilled *dollars_ Female *dollars_	.368	. 409 . 334	.399	.392	.392	.387	.381	.377	.380	. 391	. 381 . 298	.375	. 373 . 299

<sup>\*</sup> 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). Other data are on pp. 19 and 20 of the June 1933 issue.

Revised.
† Bata for 1932 revised. Disputes, Feb. 34, March 30, April 44; man-days lost, Jan. 132,873, Feb. 460,701, March 736,982, April 620,866; workers involved, Jan. 4,993, Feb. 31,103, March 13,937, April 21,513.

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933				19	32							
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	May	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
EMPL	OYM:	ENT (	COND	ITIO	NS A	ND W	AGES	SCon	tinued				
WAGES-EARNINGS AND BATES— Continued				- "									
Factory, weekly earnings, by States:  Delaware	72. 8 63. 1 83. 4 74. 2 61. 9 58. 5	74. 8 66. 4 74. 3 89. 6 78. 0 61. 1 61. 3	74. 7 64. 6 73. 0 88. 2 76. 6 60. 2 57. 6	72. 2 60. 5 71. 2 85. 2 75. 3 56. 6 51. 7	72. 0 61. 7 72. 1 83. 8 75. 8 58. 0 55. 0	72. 9 63. 2 74. 3 86. 1 77. 7 59. 9 55. 6	74. 4 64. 4 73. 2 86. 8 77. 9 62. 5 59. 0	71. 6 59. 7 70. 9 83. 8 75. 1 59. 5 58. 7	73. 7 60. 5 70. 9 84. 1 74. 7 59. 1 55. 7	70. 2 60. 2 68. 3 82. 2 72. 4 55. 7 53. 1	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
Railroads, wagesdolls. per hour Road-building wages, common labor: #		. 605	. 601	. 607	. 599	. 611	.608	.615	.614	.616	. 631	. 607	
United States dolls per hour East North Central dolls, per hour East South Central dolls, per hour Middle Atlantic dolls, per hour Mountain States dolls, per hour New England dolls, per hour Pacific States dolls, per hour South Atlantic dolls, per hour West North Central dolls, per hour West South Central dolls, per hour Steel industry; U.S. Steel Corporation dolls, per hour Youngstown district percent base scale.	.33 .39 .20 .35 .43 .32 .50 .22 .34 .28	. 32 . 36 . 19 . 36 . 44 . 34 . 47 . 20 . 28 . 25 . 38 104. 5	. 33 . 36 . 19 . 35 . 44 . 47 . 20 . 31 . 25	.32 .35 .19 .34 .44 .46 .18 .31 .26	. 32 . 36 . 19 . 43 . 33 . 47 . 18 . 31 . 26 . 38 . 94. 0	.32 .36 .19 .34 .44 .34 .47 .19 .34 .26	.32 .37 .19 .35 .44 .34 .48 .19 .32 .27	.32 .37 .20 .34 .44 .34 .48 .20 .32 .26	.32 .37 .20 .35 .44 .33 .48 .21 .34 .27	.32 .38 .20 .36 .43 .35 .50 .22 .34 .27	.32 .39 .20 .35 .44 .33 .51 .21 .35 .28	.32 .40 .19 .36 .43 .34 .50 .21 .34 .27	. 33 . 41 . 20 . 36 . 43 . 32 . 49 . 22 . 34 . 27
A 1974 - Co		<u></u>		FINA	NCE				<u> </u>	I			<del>'</del>
BANKING					<u>,                                      </u>				<u> </u>				
Acceptances and commercial paper outstand-								1					
ing: Bankers' acceptances, totalmills. of dolls Held by Federal Reserve banks: For own accountmills. of dolls For foreign correspondents	669 13	787 4	747 36	705 12	681	683	699 3	720 4	710 4	707	704 307	671 280	697 164
mills. of dolls Held by group of accepting banks, total	36	183	98 518	59 563	49 574	43 573	39 605	32 655	40 604	626	30 325	45	43
Own bills		510 225 286 90	200 318 96	197 366 70	198 376 55	156 414 64	199 406 52	268 386 28	224 380 62	256 370 38	201 124 42	261 153 108 85	404 206 199 86
mills. of dolls  Agricultural loans outstanding: Credit banks, intermediate mills. of dolls Land banks, Federal mills. of dolls Land banks, foint-stock mills. of dolls Bank debits, total mills. of dolls New York City mills. of dolls Outside New York City mills. of dolls Brokers' loans: Reported by New York Stock Exchange	83 1, 103 386 25, 486 13, 977 11, 509	111 1, 143 490 25, 411 12, 913 12, 498	103 116 1, 139 470 27, 103 14, 202 12, 901	100 117 1, 135 464 25, 239 12, 728 12, 511	108 117 1, 132 460 25, 215 13, 458 11, 756	110 102 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	84 87 1, 110 399 22, 437 12, 036 10, 401	86 1, 107 395 •22, 062 •12, 454 •9, 608	4 85 1, 105 390 22, 624 12, 012 4 10, 612
Ratio to market valuepercent By reporting New York member banks mills, of dolls	529 1. 63 635	300 1. 86 409	244 1, 56 342	242 1, 18 332	332 1. 19 345	380 1. 42 425	325 1. 39 362	338 1, 52 353	347 1. 52 394	359 1, 56 454	418	311 1. 56	322 1, 20 512
Federal Reserve banks: Acceptance holdings. (See Acceptances.) Assets, totalmills. of dolls Reserve bank credit outstanding	6, 466	5, 566	5, 615	5, 764	5, 815	5,848	5, 905	5, 986	6, 115	6, 033	6, 464	6, 610	6, 606
Bills bought mills. of dolls. Bills discounted mills of dolls. Bills discounted mills of dolls. United States securities mills. of dolls. Reserves, total mills. of dolls. Gold reserves mills. of dolls. Liabilities, total mills. of dolls. Deposits, total mills. of dolls. Member bank reserves mills. of dolls. Notes in circulation mills. of dolls. Reserve ratio percent. Federal Reserve member banks:	2, 218 20 302 1, 890 3, 807 3, 520 6, 466 2, 394 2, 167 3, 203 68. 0	2, 096 36 490 1, 549 2, 987 2, 790 5, 566 2, 240 2, 113 2, 572 62. 1	2, 310 67 440 1, 784 2, 777 2, 578 5, 615 2, 028 1, 982 2, 795 57. 6	2, 439 43 538 1, 841 2, 836 2, 635 5, 764 2, 158 2, 052 2, 859 56. 5	2, 331 34 433 1, 852 2, 980 2, 773 5, 815 2, 241 2, 146 2, 814 58. 9	2, 233 33 332 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	2, 202 35 309 1, 851 3, 242 3, 049 5, 986 2, 484 2, 411 2, 692 62. 6	2, 145 33 235 1, 855 3, 331 3, 151 6, 115 2, 561 2, 509 2, 739 62. 9	2, 077 31 274 1, 763 3, 457 3, 256 6, 033 2, 554 2, 446 2, 725 65. 5	2, 794 336 582 1, 866 3, 126 2, 952 6, 464 2, 236 2, 141 3, 417 55, 3	2, 572 305 426 1, 838 3, 455 3, 250 6, 610 2, 133 1, 949 3, 696 59. 3	2, 459 171 435 1, 837 3, 633 3, 416 6, 606 2, 380 2, 132 3, 428 62. 6
Deposits: Net demand	b 11, 740 b 5, 286 b 8, 632 b 9, 753 b 4, 172 b 5, 549	11, 102 5, 664 7, 385 11, 631 4, 907 6, 724	10, 925 5, 542 7, 491 11, 263 4, 745 6, 518	10, 751 5, 612 7, 700 10, 996 4, 631 6, 365	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, 758 5, 656 8, 507 10, 297 4, 315 5, 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, 155 b 5, 472
All other loans. mills, of dolls.  Interest rates and yield on securities: Acceptances, bankers' prime. percent. Bond yields. (See Bonds.) Call loans, renewal. percent. Com'l paper, prime (4-6 mos.) percent. Discount rate, N.Y. F.R. Bank. percent. Federal land bank loans. percent. Intermediate credit bank loans. percent. Real estate bonds, long term. percent. Stock yields. (See Stocks.)	2-21/4	7%-13% 2.50 234-334 3.00 5.63 4.79	2, 50 2½-3 • 2, 50 5, 63 4, 10 5, 50	34 2. 08 214-234 2. 50 5. 59 3. 58	34 2.00 2-2½ 2.50 5.58 3.44	34 2.00 2-214 2.50 5.58 3.39 5.25	1.35 134-214 2.50 5.58 3.38	1.00 1½-1¾ 2.50 5.58 3.35 5.50	3/8 1.00 11/4-13/4 2.50 5.58 3.25 6.00	1, 00 11,4-11,2 2, 50 5, 58 3, 17	1.00 11/4-11/2 2.50 5.58 3.10 5.50	3.32 1½-4½ *3.50 5.58 3.10	1. 37 2-314 • 3. 00 5. 58 3. 10
Stock yields. (See Stocks.) Time loans, 90 dayspercent. Savings deposits: New York Statemills, of dolls.	1-1/4	1½-2 5, 243	1½ 5, 282	1¼-1½ 5, 253	1½-1½ 5, 243	11/4-11/2	1/2-11/4 5, 271	1/2	3/2 5,314	1/2 5, 317	32-134 5, 269	i	1-1½ 5, 164

<sup>#</sup> Beginning with March 1932, method of computing rates was changed.

a Revised.
b Estimated for 101 cities on basis of report for 90 cities.

\* New series. For earlier data see p. 18 of the December 1932 issue.
c Rate changed June 23, 1932, Mar. 3, Apr. 7 and May 26, 1933.
b Figures incomplete due to bank holiday.

Monthly statistics through December 1931, to- gether with explanatory footnotes and refer-	1933				1:	932					19	33	
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	May	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
		70.00	FINA	NCE-	-Conti	inued							
BANKING—Continued							İ						
Savings deposits—Continued U.S. Postal Savings:													
Balance to credit of depositors thous. of dolls	1,178,342	742, 645	784, 821	828, 549	847, 421	858, 720	870, 823	884, 297	900, 796	942, 519	a1,006,185	a1,112,715	1,157,652
Balance on deposit in banks thous. of dolls	993, 339	646, 699	681,727	740, 373	763, 262	771, 219	783, 921	779, 971	792, 725	797, 169	°852, 986	a935, 987	972, 457
FAILURES	}			ł						}			
Bank suspensions: Totalnumber_		82	151	132	85	67	102	93	161	241	148		
Deposit liabilitiesthous. of dolls Commercial failures:		34, 370	132, 661	48, 743	29, 513	13, 508	20,092	43, 319	70, 914	135, 020	72,870		
Total number Agents and brokers number number.	161	2, 788 129	2, 688 164	2, 596 184	2, 796 177	2, 182 141	2, 273 150	2,073 132	2, 469 169	2,919 172	2, 378 157	1, 948 150	1, 921 147
Manufacturers, totalnumber Chemicals, drugs, and paintsnumber Foodstuffs and tabases	466	672 14 51	614	622 16	649 19	513 15 55	542 14 52	480 16	614 14 67	565 17 60	500 15	462 9 47	422
Foodstuffs and tobacconumber_ Leather and manufacturesnumber_ Lumbernumber_		25	54 22 84	58 17 80	55 28 74	20 55	19 70	48 15 60	17 17 78	18 62	43 17 55	18 45	
Metals and machinerynumber- Printing and engravingnumber-		64	70 33	68 38	68 42	58 27	56 31	44 27	63	68 40	59 27	51 27	
Stone, clay, and glassnumber- Textilesnumber-		15 145	26	19 100	17 117	19 75	29 74	27 67	18 92	22 75	22 43	22 64	
Miscellaneousnumber_ Traders, totalnumber_	1, 282	231 1, 987	201 1,910	226 1,790	229 1, 970	189 1,528	197 1, 581	177 1, 461	232 1,686	203 2, 182	219 1, 721	179 1, 336	1, 352
Books and papernumber_ Chemicals, drugs, and paints _number_		27 114	15 154	31 120	29 133	24 131	22 121	108 108	17 151	29 160	121	11 86 230	
Clothingnumber_ Food and tobacconumber_ General storesnumber_		434 511 134	363 505 104	386 440 119	404 573 107	317 387 76	278 479 98	233 428 93	334 461 123	507 495 169	361 450 107	351 96	
Household furnishingsnumber Miscellaneousnumber		386 381	399 370	323 371	340 384	266 327	256 327	250 329	250 350	412 410	355 318	268 294	
Liabilities, totalthous. of dolls_	47, 972 8, 074	83, 764 18, 100	76, 931 14, 462	87, 190 15, 042	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
Manufacturers, totalthous. of dolls Chemicals, drugs, and paints thous. of dolls	19, 021	30, 078 477	25, 637 315	37, 229 2, 977	27, 462 354	22, 310 474	18, 897	23, 918	24, 577 484	30, 747 287	24, 363 5, 599	17, 583 739	18, 737
Foodstuffs and tobaccothous. of dolls Leather and manufactures thous. of dolls		646 1, 337	483 491	755	1, 444 2, 222	930 529	613 945	456 242	1, 061 569	797 2, 310	1, 170 345	1, 233 322	
Lumberthous. of dolls Metals and machinerythous. of dolls		9, 958 4, 549	5, 494 2, 703	5, 930 8, 115	3, 701 5, 068	6, 660 4, 302	3, 752 2, 820	4, 277 2, 161	3, 814 2, 527	4, 255 3, 326	3, 342 2, 464	2, 539 2, 766	
Printing and engraving_thous. of dolls_ Stone, clay, and glassthous. of dolls_		1, 546 252	1,059 700	1, 270 688	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	
Textilesthous. of dolls_ Miscellaneousthous. of dolls_		4, 096 7, 217	4, 641 9, 751	5,775 11,331	4, 614 8, 130	1, 342 6, 381	1, 680 6, 176	1, 906 11, 206	3, 142 10, 172	4, 385 13, 457	1, 120 8, 467	1, 463 7, 389	
Traders, total thous. of dolls Books and paper thous. of dolls	20, 877	35, 585 445	36, 835 228	34, 920 558	36, 905 433	26, 471 314	26, 117 265	23, 095 347	29, 890 272	36, 921 334	32, 056 72	23, 204 90	25, 954
Chemicals, drugs, and paints thous. of dolls Clothingthous. of dolls		1, 342 7, 732	1,756 5,869	1, 373 6, 490	1, 740 6, 590	1, 286 5, 205	1, 851 3, 360	1, 409 2, 843	1, 514 4, 312	1, 806 6, 224	1, 376 5, 051	1, 277 3, 576	
Foods and tobaccothous, of dolls	ł	8, 856 2, 198	7, 892 1, 649	8, 287 1, 853	9, 329 1, 712	4, 639 819	5, 783 956	4, 217 840	9, 101 2, 058	5, 805 3, 600	7, 987 3, 040	4,619 1,608	
General storesthous. of dolls _ Household furnishingsthous. of dolls _ Miscellaneousthous. of dolls _		7, 729 7, 283	10, 348 9, 093	6, 843 9, 516	7, 134 9, 967	6, 089 8, 119	5, 678 8, 224	5, 397 8, 042	4, 692 7, 941	9, 249 9, 093	7, 324 7, 206	6, 378 5, 656	
LIFE INSURANCE													
(Association of Life Insurance Presidents)		16, 592	16 600	16 620	16, 675	16, 733	16, 790	16, 830	16, 917	16, 966	16 004	16, 981	17, 020
Assets, admitted, total †mills. of dolls  Mortgage loansmills. of dolls  Farmmills. of dolls		6, 332 1, 468	16,600 6,306 1,458	16, 639 6, 281 1, 450	6, 256 1, 443	6, 228 1, 434	6, 197 1, 424	6, 168 1, 415	6, 136 1, 402	6, 110 1, 394	16, 984 6, 077 1, 382	6, 033 1, 368	6, 002 1, 357
Othermills. of dolls Bonds and stocks held (book value)		4,864	4,848	4,831	4, 813	4, 794	4,773	4, 753	4, 734	4,716	4, 695	4, 665	4, 645
mills, of dolls_ Governmentmills, of dolls		6, 161 1, 313	6, 159 1, 318	6, 162 1, 327	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 1, 670	6, 275 1, 465
Public utilitymills. of dolls Railroadmills. of dolls Other mills of dolls		1, 673 2, 665 510	1, 670 2, 660 511	1,670 2,657 508	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	2, 631 518	1, 666 2, 627 517
Other mills. of dolls Policy loans and premium notes mills. of dolls		2, 818	2,862	2,878	2, 910	2, 925	2,936	2, 941	2, 948	2,967	2, 997	2, 975	2, 987
Insurance written:† Policies and certificatesthousands	1,034	1,089	1, 101	1,091	1,026	951	1,059	1,028	990	923 9	934	1,047 $12$	996
Groupthousands. Industrialthousands. Ordinarythousands. Value, totalthous. of dolls.	14 762 258	23 833 233	26 830 245	18 845 228	17 774 236	41 681 229	29 781 248	23 747 258	43 648 299	686 227	681 239	776 259	14 747 235
Value, total thous of dolls Group thous of dolls	645, 320 22, 450	759, 353 49, 113	768, 233 50, 606	691, 364 36, 984	668, 779 28, 979	639, 937 61, 018	670, 039 38, 868	671, 242 36, 262	741, 920 67, 810	614, 431 22, 546	609, 725 16, 842	640, 414 17, 345	628, 778 21, 711
Group	190, 138 432, 732	222, 956 487, 284	213, 298 504, 329	206, 641 447, 739	196, 340 443, 460	174, 156 404, 763	198, 053 433, 118	184, 882 450, 098	154, 864 519, 246	168, 312 423, 573	168, 400 424, 483	187, 761 435, 308	183, 462 423, 605
Annuitiesthous. of dolls		244, 936 12, 354 7 205	241, 955 10, 992	237, 885 15, 968	234, 163 11, 961	209, 891 10, 221	236, 284 17, 037	223, 842 12, 282	335, 642 28, 752 8, 644	242, 251 17, 612	229, 590 17, 283	229, 160 14, 545	227, 102 13, 906
Group thous. of dolls thous of dolls.  Ordinary thous of dolls.		7, 205 57, 954 167, 423	7, 683 55, 020 168, 260	7, 506 57, 066 157, 345	7, 980 58, 635 155, 587	6, 798 53, 379 139, 493	7, 285 58, 052 153, 910	7, 063 51, 048 153, 449	8, 644 116, 838 181, 408	9, 235 59, 243 156, 161	7, 571 51, 997 152, 739	8, 718 50, 448 155, 449	6, 878 48, 519 157, 799
(Life Insurance Sales Research Bureau)		200, 120	200, 200		2 3, 301	-50, 200	250, 510		202, 200	200, 201		, 110	201,100
Insurance written ordinary total mills. of dolls Eastern districtmills. of dolls	495 213	531 230	536 232	486 211	488 213	438 187	479 200	499 221	538 233	481 217	474 211	462 209	464 206
Far Western districtmills. of dolls Southern districtmills. of dolls	49 55	52 59	53 56	47 51	47 51	42 48	49 51	47 53	51 58	44 48	46 51	45 48	47 53
Western districtmills. of dolls Lapse rates1925-26=100.	178	190	195 137	177	177	161 157	179	179	196 146	172	166	160 132	158

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

Monthly statistics through December 1981,	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	May	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
			FINA	NCE	-Cont	inued					.vm-= 1. 7.		
MONETARY STATISTICS													
Foreign exchange rates: Argentinadolls, per gold peso	0. 679	0. 583	0. 585	0. 586	0. 586	0. 586	0. 586	0. 586	0. 586	0. 586	0.586	0. 583	0. 605
Belgium dolls. per belga dolls. per milreis dolls. per milreis	.163	. 140 . 071	. 139 . 075	. 139	. 139	. 139 . 076	. 139	. 139 . 076	. 139 . 076	. 139	.140	. 140 . 076	. 145
Brazil dolls, per milreis Canada dolls, per Canadian doll Chile dolls, per peso	.876	. 884 . 060	. 867 . 060	. 871	. 876 . 060	. 903 . 060	. 912	.873	.866	. 875 . 060	. 835	. 835 . 060	. 847 . 060
England dolls, per £	3, 93 . 046	3.68 .040	3.65 .039	3. 55 . 039	3, 48 . 039	3, 47 . 039	3, 40 , 039	3. 28 . 039	3. 28 . 039	3.36 .039	3,42 .039	3, 43 , 039	3. 58 . 041
Francedolls. per francGermanydolls. per reichsmarkIndiadolls. per rupee	. 274	. 238	. 237	. 237	. 238	. 238	. 238	. 238	. 238	. 238	.238	. 239	. 244
Italydolls. per lira	.061	. 052	. 051	.051	. 051	.051	. 051	. 051	. 051	.051	. 051	. 051	. 054
Japan dolls. per yen dolls. per florin dolls. per florin dolls. per florin dolls. per florin dolls. per florin dolls. per florin dolls. per florin dolls.	. 240	. 320	. 404	. 403	. 245	. 402	. 231	. 206	. 207	. 207	. 208	. 213	. 221 . 420
Spaindolls. per peseta_ Swedendolls. per krona_	. 100	. 081	. 083	. 081	.081	. 081	. 082	.082	. 082	. 082	. 082	. 084 . 182	. 089
Uruguaydolls. per peso Gold and money:	. 532	. 475	. 472	. 476	. 474	. 474	.474	. 473	. 473	. 473	. 473	. 474	. 478
Gold: Monetary stocks, U.Smills. of dolls	4, 313	4, 273	3, 955	3, 942	4, 030	4, 140	4, 226	4, 292	4, 429	4, 547	4, 491	4, 260	4, 301
Movement, foreign: Net release from earmark_thous. of dolls	22, 114	-22, 150	-28, 797	56, 237	100, 501	72, 289	45, 774	48, 566	<sup>h</sup> 71, 023	^-91, 494	k−178,285	k-100,092	33, 701
Exports thous. of dolls mports thous. of dolls	22, 924 1, 785	212, 229 16, 715	226, 117 20, 070	23, 474 20, 037	18, 067 24, 170	27, 957	20, 674	21, 756	13 100, 872	14 128, 465	21, 521 4 30, 397	28, 123 4 14, 948	16, 741 6, 769
Imports thous of dolls  Net gold imports, including gold released from earmark# thous of dolls  Production, Rand fine ounces	975	217, 664	-234, 844	52, 800	106, 614	100, 186	66, 387	70, 306	a171,872	a 36, 957	4-169,409	a —113, 287	23, 729
Production, Randfine ounces Receipts at mint, domesticfine ounces	944, 000 114, 017	965, 644 100, 763	959, 011 104, 770	980, 160 123, 416	991, 000 143, 088	961, 501 145, 828	974, 965 171, 220	978, 000 163, 545	980,000 141,598	4 36, 957 967, 000 115, 188	883, 000 89, 016	946, 000 187, 694	895, 000 120, 461
Receipts at mint, domesticfine ounces Money in circulation, totalmills. of dolls Silver:	5, 876	5, 456	5, 530	5, 752	5, 720	5, 685	5, 643	5, 643	5, 699	5, 631	5, 892	187, 694	6, 137
Exports thous, of dolls	235 5, 275	1, 865 1, 547	1, 268 1, 401	828 1, 288	433 1,554	868 2, 052	1,316 1,305	875 1,494	1, 260 1, 203	1, 551 1, 763	194 4 855	269 • 1,693	<sup>a</sup> 193 1, 520
Imports thous of dolls Price at New York dolls per fine oz Production, estimated, world (85 percent of	341	. 278	. 275	. 267	. 280	. 279	272	267	. 250	. 254	. 261	2.79	.307
total)	10, 042 1, 014	$11,311 \\ 1,227$	9, 614 933	11, 927 1, 954	10, 924 1, 491	11, 360 1, 500	11, 334 1, 853	10, 493 1, 092	8, 280 1, 005	11,674	9, 658 1, 019	11, 656	9, 0 <b>0</b>
Mexico fine oz thous of fine oz thous of fine oz	5,500	6, 483	4, 714 2, 307	6,611	5, 907	6,594	6,067	5, 902	4, 221	1, 007 7, 159	5, 547	1,309 6,436	1, 015 4, 628
United Statesthous. of fine oz.stocks, end of month:	1,900	1,884		1,824	2, 170	1,778	1,918	2,052	1,627	1, 960	1,603	2, 574	1, 907
United States thous. of fine oz- Canada thous. of fine oz-	10, 397 1, 707	6, 446 1, 983	5, 821 1, 626	4, 622 1, 645	4, 923 1, 642	5, 012 1, 916	6, 035 1, 701	5, 801 1, 785	5, 931 1, 651	5, 444 1, 559	5, 432 1, 640	7, 060 1, 859	8, 261 1, 83 <b>1</b>
NET CORPORATION PROFITS (Quarterly)						]	,						
Profits, totalmills. of dolls Industrial and mercantile,			170. 0			183.3			209.5	<u> </u>		123.8	
total mills of dolls	1		d 0.3 d 1.4			d 21.1		1	d 37. 9 d 30. 9			<sup>d</sup> 18. 6 <sup>d</sup> 4. 6	
Foods mills of dolls			24.0 d 1.9			18. 1 d 2. 5			18. 9 d 6. 1			17.8	
Foods mills of dolls  Metals and mining mills of dolls  Machinery mills of dolls  Oil mills of dolls			d 1. 2 10. 6			d 1.4			d 3. 9 d 0. 2			<sup>d</sup> 1, 6 <sup>d</sup> 1, 6	
Steel and railroad equip-		1	d 32. 1	ļ		d 32.8	1			1		d 15.0	
mentmills. of dollsmills. of dollsmills. of dollsills_ of dolls	.1		1.7			10.4			d 30. 1			<sup>d</sup> 30. 7 17. 1	
Public utilitiesmills. of dolls_ Railroads, class Imills. of dolls_			66. 0 45. 2			89.6			62. 0 130. 8			67. 6 33. 9	
Telephonesmills. of dolls  PUBLIC FINANCE (FEDERAL)			59. 1			51.8			54.6			41.4	
Debt, gross, end of monthmills. of dolls	21, 853	19, 037	19, 487	19, 612	20, 067	20, 611	20, 813	20, 806	20, 806	20, 802	20, 935	21, 362	21, 441
Expenditures, chargeable to ordinary receiptsthous. of dolls Receipts, ordinary, totalthous. of dolls	270, 053	447, 619		347, 889	257, 084	265, 725	373, 209	246, 159	762, 406	247, 785	213, 091	282, 368	352, 464
Customs thous of dolls. Internal revenue, total thous of dolls.	20, 515	18,004	17, 373	18, 876	111, 133 24, 116	259, 958 25, 935	148, 004 24, 744	34, 051	19, 929	18, 352	121, 312 16, 442	283, 286 17, 444	130, 552 17, 400
Income tax	114, 754 15, 688	60, 013 22, 324	206, 994 160, 502	61, 686 17, 457	79, 940 15, 083	216, 481 142, 203	89, 850 13, 063	85, 484 14, 328	210, 995 141, 033	86, 805 17, 889	90, 715 27, 713	242, 464 176, 259	89, 062 19, 500
CAPITAL ISSUES Total, all issues (Commercial and Financial		İ	l										
Chronicle)thous. of dolls	59, 643	123, 645	147, 683	155, 557	169, 482	138, 607	124, 062	76, 400	157, 920	109, 963	56, 513	19, 094	45, 388
Domestic, total thous. of dolls. Foreign, total thous. of dolls. Corporate, total thous. of dolls.	59, 643	123, 645	147, 683	0	167, 482 2, 000	78, 607 60, 000	120, 047 4, 015	76, 400	157, 920	109, 963	56, 513	19, 094 0	43, 788 1, 600
Industrial thous of dolls Investment trusts thous of dolls	15, 634 9, 043	0	0	111,871	133, 395	10,882	67, 489 6, 966	41, 591	28, 844 8, 766	7,592	37, 555 0	5, 418 3, 270	35, 541 2, 660
Land, buildings, etcthous. of dolls.	0 0	0	125	0	0	700	0	1, 200 220	600	0	900	.0	0
Land, buildings, etcthous. of dolls.  Long-term issuesthous. of dolls.  Apartments and hotels, thous. of dolls.	0	0	80	0	0	700	0	220	200	0	900	0	0
Office and commercial thous. of dolls_ Public utilitiesthous. of dolls_	6, 591	22, 031	19,888	110, 529	99, 999	9,732	60, 523	37, 608	3, 124	44, 925	0 414	0 2, 148	28, 104
Railroadsthous. of dolls.  Miscellaneousthous. of dolls.  Farm loan bank issuesthous. of dolls.	0	200	9, 327	0 342	26, 450 6, 346	0 450	0	1,800	15,000 1,355	12,000	36, 241	0	4,778
Municipal, States, etcthous. of dolls	44,009	15,000 86,414	30, 000 88, 343	16, 000 27, 687	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	13,677	9, 847
Purpose of issue:  New capital, totalthous, of dolls	43, 802	91, 993	83, 420	105, 336	61, 645	89, 971	100, 020	44, 801	122, 713	64, 610	19, 636	16, 265	24,928
Domestic, total thous of dolls Corporate thous of dolls	43, 802 3, 584	91, 993 7, 231	83, 420 4, 110	105, 336 62, 842	59, 645 26, 281	69, 971 6, 550	96, 005 48, 474	44, 801 10, 633	122, 713	64, 610 22, 157	19, 636 1, 314	16, 265 3, 170	24, 928 17, 335
Farm loan bank issues thous, of dolls	. 0	84, 762	79, 311	16,000 26,494	33, 364	4,000 59,421	9, 100 38, 431	5,000 29,168	13, 000 99, 315	9, 500 32, 953	1, 400 16, 922	13, 095	7, 593
Municipal, State, etcthous. of dolls_ Foreignthous. of dolls_ Refunding, totalthous. of dolls_	15, 841	31, 652	64, 262	50, 221	2,000 107,838	20, 000 48, 636	4, 015 24, 042	31, 599	35, 207	0 45, 353	16, 922 0 36, 877	13,095	0
Corporatethous. of dolls_ Type of security, all issues:	12, 050	15, 000	25, 231	49, 029	107, 114	4, 332	19, 015	30, 958	18, 446	42, 360	36, 241	2, 829 2, 248	20, 460 18, 207
Bonds and notes, totalthous. of dolls_ Corporatethous. of dolls_	56, 559 12, 550	123, 645 22, 231	147, 683	154, 557 110, 871	164, 683	138, 257	120, 770	74, 487	153, 209	106, 713	56, 513	13, 677	44, 453
Stocksthous. of dolls	3, 084	22, 231	29, 340	1,000	131, 595 1, 800	10, 532 350	64, 198 3, 291	39, 678 1, 913	24, 133 4, 711	61, 267 3, 250	37, 555 0	5, 418 5, 418	34, 607 935
State and municipals (Bond Buyer): Permanent (long term)thous. of dolls Temporary (short term)thous. of dolls	48, 375	85, 396	85, 588	30, 362	47, 568	82, 737	67, 178	47, 726	165, 167	85, 930	64, 951	a 45, 573	58, 579
Revised.	104, 101		124, 685 exports		74, 368	81,688	28, 928	40,589		105, 173 deficit	77, 389	a 92, 719	172, 948

• Revised. # Or exports (—).
• New series superseding old series which covered the physical movement only. For earlier data see p. 20 of December 1932 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 \$8,900,000 declared for export on Feb. 28 was not actually taken from Federal Reserve Bank of New York until Mar. 1.

Monthly statistics through December 1931, to-	1933				19	32					19	33	
gether with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Мау	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
			FINA	NCE-	-Cont	inued							
SECURITY MARKETS													
Prices: Bonds All listed bonds, avg. price (N.Y.S.E.)													
Domestic issues dollars dollars dollars	80, 79 84, 73 65, 31	70. 62 73. 57	71. 71 75. 66 64. 78	74, 27 79, 25	77. 27 83. 70	77. 50 83. 93	76. 37 82. 04	73. 91 81. 36	77. 27 81. 65	78. 83 83. 32	74. 89 79. 09	74, 51 78, 58 58, 59	76. 57 80. 07 62. 86
Domestic issuesdollars Foreign issuesdollars Domestic (Dow-Jones) (40) percent of par 4% bond	50. 64	65. 40 43. 08	41.39	65. 52 42. 98	65. 89 53. 35	66. 10 55. 01	66. 30 49. 86	60. 72 47. 51	60, 22 44, 05	61.34	58. 45 45. 22	42.01	41.35
Industrials (10) percent of par 4% bond Public utilities (10)	51. 57	38. 14	35. 99	36.76	48.08	52. 21	49.56	46.98	44.81	47.66	44. 35	39.88	42.32
percent of par 4% bond Rails, high grade (10) percent of par 4% bond	69. 09 80, 35	63. 88 69. 69	60. 49 68. 78	64. 73 70. 97	69. 96 79. 32	70. 10 82. 07	70. 95 80. 76	69. 49 78. 19	69.79 77.88	73. 66 82. 49	71. 53 81. 92	64. 99 77. 23	64, 62 73, 62
Rails, second grade (10) percent of par 4% bond Domestic†(Standard Statistics) (60) dollars	30. 60	27, 30	26. 47	27. 52	36. 67	36, 88	29. 79	27. 98	24. 20	25. 95	25. 17	23, 92	22, 71
U.S.Government (Standard Statistics) * dollars dollars	82. 0 102. 91	76. 0 100. 09	72. 8 99. 99	75. 1 101. 33	84. 3 101. 95	87. 0 102. 47	85, 2 102, 52	83. 1 102. 57	82. 2 103. 19	84. 1 103. 75	82, 5 103, 36	76. 7 101. 09	75. 4 102. 00
Foreign (N.Y. Trust) (40)percent of par Sales on New York Stock Exchange:		41.71	44. 47	51.72	55.82	63. 47	58.00	53. 17	57. 51	59. 83	54. 19	53. 55	55. 52
Totalthous. of dolls. par value Liberty-Treasthous. of dolls. par value Value, issues listed on N.Y.S.E.:	350, 626 38, 367	258, 441 86, 816	257, 180 67, 049	240, 720 46, 432	333, 076 25, 769	250, 265 24, 351	178, 562 20, 250	158, 905 15, 782	241, 850 37, 424	260, 021 38, 362	230, 082 45, 387	193, 181 55, 176	269, 585 61, 000
Par, all issues mills. of dolls Domestic issues mills of dolls Foreign issues mills of dolls Market value, all issues mills. of dolls	40, 844 32, 553	52, 193 33, 307	52, 086 33, 219	51, 991 33, 152	51, 863 33, 140	51, 780 33, 114	51, 744 33, 102	51, 543 32, 942	41, 305 32, 866	41, 173 32, 770	41, 107 32, 738	41, 006 32, 666	40, 948 32, 624
Foreign issuesmills. of dolls_ Market value, all issuesmills. of dolls Deposition is the state of dollsmills.	8, 291 32, 998 27, 583	18, 886 36, 857 24, 504	18, 868 37, 353 25, 132	18, 839 38, 615 26, 272	18, 724 40, 073 27, 736	18, 667 40, 132 27, 793	18, 642 39, 518 27, 158	18, 600 38, 095 26, 801	8, 438 31, 918 26, 836	8, 403 32, 457 27, 302	8, 369 30, 785 25, 893	8, 340 30, 554 25, 668	8, 324 31, 354 26, 121
Domestic issues mills. of dolls. Foreign issues mills. of dolls. Yields:	5, 415	12, 352	12, 222	12, 343	12, 336	12, 339	12, 360	11, 294	5, 082	5, 154	4,892	4, 887	5, 233
Domestic † (Standard Statistics) (60) percent_ Industrials (15)percent_ Municipals (15) †	5. 78 6. 94 5. 27	6, 34 8, 35 4, 77	6. 64 9. 17 4. 81	6, 42 8, 67 4, 78	5. 57 6. 93 4. 50	5. 35 6. 61 4. 39	5. 50 6. 91 4. 37	5. 68 7. 32 4. 38	5. 75 7. 38 4. 37	5. 59 7. 29 4. 23	5. 73 7. 60 4. 28	6, 25 8, 14 4, 88	6. 38 8. 27 5, 05
Industrials (15)	5. 26 5. 63	5. 65 6. 57	5. 77 6. 83	5, 65 6, 60	5. 22 5. 65	5. 06 5. 36	5. 11 5. 63	5. 14 5. 86	5. 06 6. 19	4. 91 5. 93	5. 11 5. 93	5, 54 6, 45	5. 63 6. 56
Domestic, municipals (Bond Buyer) (20) percent Domestic, U.S. Government:	5, 35	4.94	5. 09	4.82	4. 55	4. 57	4. 59	4. 65	4. 61	4.48	4.92	5. 24	5. 69
Treasury bonds (3 long term)percent_ Treasury notes and certificates (3-6 months)	3, 48	3.77	3.78	3.65	3.57	3. 54	3, 54	3. 55	3.48	3. 39	3. 47	3. 58	3, 55
Cash Dividend and Interest Payments	. 29	. 31	.34	. 22	.14	. 03			.04	.07	.01	1, 34	.45
and Rates Total (Journal of Commerce)thous. of dolls Dividend paymentsthous. of dolls	428, 449 153 884	473, 900 204, 900	655, 011 244, 700	814, 400 255, 400	392, 490 143, 900	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
Industrial and miscellaneous	146,000	°168, 500	180,000	185, 500	105, 900	103,000	140, 900	104, 000	102, 800	225, 000	118, 500	117, 500	100, 300
Railroads, steam thous of dolls. Railways, street thous of dolls. Interest payments thous of dolls. Dividend payments (N.Y. Times)	1, 425 2, 674 274, 565	a17, 200 a5, 800 269, 000	9, 900 5, 300 440, 311	12,000 4,900 557,000	9,000 3,500 248,590	7, 300 3, 200 312, 440	10, 400 4, 000 454, 354	7, 500 2, 500 307, 532	5, 900 2, 000 426, 239	10, 500 4, 100 592, 892	8,000 4,900 241,800	11,300 3,300 290,351	11, 500 2, 600 424, 429
thous. of dolls	218, 591	271, 120	216, 662	122, 561	246, 113	156, 599	133, 344	264, 189	205, 769	164, 840	222, 244	162, 468	130, 607
Industrial and miscellaneous_thous. of dolls_Railroadthous. of dolls_Dividend payments and rates (Moody's):	199, 362 19, 229	257, 574 13, 546	187, 801 28, 861	113, 820 8, 741	226, 892 19, 220	154, 009 2, 590	126, 878 6, 466	243, 592 20, 597	190, 508 15, 261	140, 343 24, 497	206, 328 15, 916	158,000 4,468	124, 823 5, 784
Dividend payments, annual payments at current rate (600 companies) mills. of dolls.		1, 367. 1	1, 245. 9	1, 216. 5	1, 163. 6	1, 148. 9	1, 146. 7	1, 126. 8	1, 119. 7	1, 112. 9	1,070.3	1, 024. 9	1,006.2
Number of shares, adjustedmillions_ Dividend rate per share, weighted average (600)dollars	923. 36	924. 68 1. 48	927.05	927.11	928. 42	928. 67	928. 12	925. 58	925. 25	924. 21	924. 39	922, 56 1, 11	923. 32 1. 09
Banks (21)dollarsdollars	4.32	5. 43 1. 09	4. 79 1. 01	4, 78		4.78		.90	4.79			4.36 .78	4.32
Insurance (21) dollars Public utilities (30) dollars Railroads (36) dollars	1, 66 2, 19 , 86	2. 77 2. 68 1. 37	2. 31 2. 42 1. 12	1. 95 2. 35 1. 12	1.87 2.35 .81	1.89 2.30 .81	1.89 2.30 .81	1.89 2.34 .81	1.89 2.31 .81	1, 89 2, 31 . 86	1.78 2.31 .86	1.76 2.25 .86	1. 66 2. 19 . 86
Prices: Stocks Dow-Jones:													
Industrials (30) dolls. per share Public utilities (20) dolls. per share	81. 6 27. 7	53. 3 22. 4	46. 9 18. 0	46. 2 18. 6	67. 5 29. 1	72. 6 35. 3	63. 5 28. 2	62. 1 27. 6	59. 1 27. 1	62. 7 28. 0	56. 1 23. 9	57. 6 21. 8	65, 0 21, 6
Railroads (20)dolls, per share_ New York Times (50)dolls, per share_ Industrials (25)dolls, per share_	118.40	18. 3 46. 06 77. 96	15. 7 40. 02 67. 65	16. 1 40. 18 66. 87	29. 4 61. 70 98. 07	32. 3 65. 35 101. 58	28. 3 56. 17 90. 07	27. 4 57. 63 92. 71	26. 2 55. 05 89. 54	28. 1 58. 65 94. 81	26. 9 52. 99 84. 55	27. 4 53. 17 85. 07	27, 4 60, 09 97, 20
Railroads (25)dolls. per share_ Standard Statistics (421) 1926=100	30. 79 62. 9 65. 3	14. 16 39. 8 38. 1	12. 39 34. 0 33. 5	13. 50 35. 9 35. 8	25, 33 53, 3 51, 5	22. 13 58. 2 55. 8	22. 29 49. 9 47. 7	22. 56 47. 5 45. 4	20. 58 47. 4 44. 8	22. 50 49. 1	21. 43 44. 9	21, 27 43, 2 41, 6	22.97 47.5
Industrials (351) 1926=100 Public utilities (37) 1926=100 Railroads (33) 1926=100	79. 2 37. 5	67. 8 17. 4	55. 0 14. 1	55. 4 15. 6	84. 2 29. 2	91.4	80. 6 27. 5	77. 6 25. 5	79. 6 25. 7	81.8	42, 5 73, 1 26, 7	67. 0	48. 8 63. 5 26. 3
Standard Statistics:	53. 1 50. 4	46. 6 28. 3	39. 4 25. 4	43. 2 26. 9	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
Banks, N.Y. (20) 1926=100. Fire insurance (20) 1926=100. Sales, N.Y.S.E. thous, of shares. Value, and shares listed, N.Y.S.E.:	104, 229	23, 151	22, 998	23, 056	82, 649	67, 424	29, 188	23, 038	23, 208	18,720	19, 320	20, 089	52, 901
Market value all listed shares mills. of dolls_ Number of shares listedmillions Yields:	32, 473 1, 294	16, 141 1, 320	15, 633 1, 315	20, 495 1, 315	27, 783 1, 312	26, 735 1, 311	23, 441 1, 312	22, 259 1, 312	22, 768 1, 312	23, 073 1, 303	19, 701 1, 296	19, 915 1, 293	26, 815 1, 294
Common, Standard Statistics (90) percent Industrials (50) percent Public utilities (20) percent	3. 99 3. 67	9. 57 10. 02	10.30 10.15	8. 85 8. 80	5. 65 5. 75	4. 91 5. 22	5. 73 6. 08	5, 84 6, 12	5, 68 6, 00	5. 42 5. 78	6. 10 6. 36	6.30 6.25	5. 58 5. 24
Public utilities (20)percent_ Railroads (20)percent_ Preferred, Standard Statistics:	5, 18 3, 59	8. 08 11. 86	10. 21 12. 45	8. 75 9. 91	5. 74 4. 47	5. 03 2. 51	5. 64 3. 11	5, 87 3, 33	5. 61 3. 28	5. 28 3. 05	6. 10 4. 13	6, 82 5, 22	6. 83 5. 12
Industrials, high grade (20)percent  Stockholders (Common Stock)	6.78	7.75	8.38	8. 22	7.11	6.88	7. 02	7. 19	7.34	7. 17	7. 32	7. 52	7. 32
American Tel. & Tel. Co., totalnumber_	i .		703, 080 7, 147			705, 501 7, 348			7,507			700, 212 7, 554	
Pennsylvania Railroad Co., total number Foreign number U.S. Steel Corporation, total number	l	l	250, 822			251, 041 3, 327			250, 506 3, 323			248, 688 3, 310	
Foreignnumber	l	l	190, 986 3, 081 16. 03			189, 981 3, 140 14, 27			3, 155			193, 140 3, 192 16, 07	

<sup>•</sup> Revised

 $<sup>\</sup>dagger$  Revised series. For earlier data see p. 19 of the April 1933 issue.

<sup>\*</sup> New series. See p. 20 of the June 1933 issue for earlier data.

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933				1	932					193	33	
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	May	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
			FOR	EIGN	TRA	DE							
INDEXES													
Value: Exports, unadjusted	30 32	35 37	30 34	28 32	29 31	35 33	40 33	37 32	35 33	32 31	27 29	28 28	28 29 27
Imports, unadjusted $1923-25=100$ . Imports, adjusted for seasonal $1923-25=100$ .	33 432	35 34	34 36	25 27	28 29	31 32	33 32	$\frac{32}{32}$	30 30	30 29	26 26	29 26	$\frac{27}{25}$
Quantity, exports: Total agricultural products1910-14=100 Total, excluding cotton1910-14=100	71 47	74 75	61 71	63 59	64 60	90 66	126 98	120 85	116 67	97 73	71 58	67 59	59 51
VALUE †							ļ						
Exports, incl. reexportsthous. of dolls By grand divisions and countries:	1	131,899	114, 148	106, 830	108, 599	132, 037	153, 090	138, 834	131, 614	120, 630	101, 530	109, 032	a105, 219
Africa thous of dolls Asia and Oceania thous of dolls Japan thous of dolls	2, 462 20, 630 8, 267	3, 647 23, 730 7, 883	2, 412 20, 939 6, 635	3, 205 21, 191 5, 707	2, 509 18, 810 4, 927	2, 809 22, 180 7, 803	3, 374 25, 967 10, 716	2,609 27,717 13,121	2, 864 30, 177 15, 606	3,055 25,272 11,185	2,335 20,171 7,299	2, 632 22, 684 9, 634	3, 431 17, 823 6, 406
Europe thous of dolls France thous, of dolls Germany thous of dolls	56, 883 8, 077	62, 226 8, 521	52, 306 8, 838	46, 015 5, 705	52, 909 9, 219	72, 628 10, 252	84, 816 10, 184	70, 163 11, 158	64, 421 10, 241	62, 218 8, 924	51,099 7,653	50, 321 7, 955	52, 223 8, 164
Germanythous of dollsthous of dolls	11, 415 4, 558	9, 127 3, 405	7, 499 2, 560	6, 943 2, 617	8, 663 3, 506	15,791 4,774	15, 671 5, 835	12, 534 4, 412	10, 421 5, 566	11,739 4,443	8, 563 4, 058	7, 035 3, 986	8, 977 3, 101
Italy thous, of dolls. United Kingdom thous of dolls. North America, northern thous of dolls. Canada thous of dolls.	18, 787 16, 730 16, 433	23, 121 24, 343 23, 968	18, 394 20, 866 20, 451	16, 775 19, 330 18, 953	18, 638 19, 230 18, 846	25, 725 19, 196 18, 731	32, 920 20, 777 20, 504	24, 753 18, 824 18, 326	21, 491 13, 645 13, 437	21, 309 12, 664 12, 432	18,730 11,703 11,501	17, 645 14, 200 13, 841	18, 235 13, 418 13, 159
Canadathous. of dolls. North America, southern_thous. of dolls. Mexicothous. of dolls.	10, 364 3, 274	10, 301 2, 493	9, 818 2, 758	9, 536 2, 660	8, 364 2, 521	8, 224 2, 340	9, 695 2, 905	10, 125 3, 208	10, 412 2, 907	9, 296 2, 682	8,091 2,173	10.621	10, 384 2, 852
South America thous, of dolls.	7, 175 2, 350	7, 652 2, 710	7, 808 2, 334	7, 553 2, 769	6, 778 2, 253	7,000 2,550	8, 462 3, 035	9, 396 2, 635	10,095	8, 125 2, 712	8, 131 2, 785	2, 967 7, 573 1, 873	7, 784 2, 535
Brazil thous. of dolls. Chile thous. of dolls. By economic classes:	1, 813 373	1,885 207	2, 641 197	1, 787 280	1,825 260	1,984 220	2, 265 245	3, 578 234	3, 397 348	2, 605 294	2,682 291	1, 912 375	2, 320 297
Exports, domesticthous. of dollsthous. of dollsthous. of dollsthous.	111, 883 34, 977	128, 553 29, 849	109, 478 24, 208	104, 276 27, 587	106, 270 29, 742	129, 538 47, 397	151, 035 60, 517	136, 402 55, 326	128, 975 52, 234 39. 0	118, 600 42, 294	99, 438 31, 848	106, 310 29, 359	103, 106 28, 621
Raw cottonmills. of dolls.	261 13, 044	17. 7 19, 978	13. 4 18, 042	15. 9 15, 616	18. 1	32. 1 20, 381	40. 0 25, 219	38. 5 19, 885	15,961	29. 7 16, 178	20. 6 12, 819	18. 1 13, 397	16. 9 11, 310
Foodstuffs, crudethous. of dolls. Foodstuffs, manufthous of dolls. Fruits and preparationsmills. of dolls.	3, 024 10, 020 3, 8	8, 617 11, 361 4. 5	6, 896 11, 146 3. 7	5, 507 10, 109 4. 3	5, 964 11, 352 5, 4	5, 860 14, 521 9. 6	8, 614 16, 605 12. 2	8, 610 11, 275 7. 9	4,367 11,594 4.8	4, 663 11, 515 4. 6	3, 244 9, 575 3. 8	3, 524 9, 873 3. 9	2, 510 8, 800 2, 9
		4. 5 5. 5	4. 4 5. 1	4. 4 2. 9	4. 0 3. 4	4.8 2.6	5. 2 2. 7	4. 1 3. 5	4.6 2.1	5. 9 2. 0	4.5 1.2	4.4	4. 0 1. 1
Manufactures, semithous. of dolls_ Manufactures, finishedthous. of dolls_	17, 644 46, 218 7, 4	18, 247 60, 479	14, 692 52, 536	14, 119 46, 955	12, 868 46, 343	15, 869 45, 891	16, 867 48, 433	14, 589 46, 601	15, 742 45, 038	15, 831 44, 296	13, 242 41, 528	16, 507 47, 047	15, 292 47, 884
Meats and lats mills, of doils.  Wheat and flour mills of dolls.  Manufactures, semi thous of dolls.  Manufactures, finished thous of dolls.  Autos and parts mills of dolls.  Gasoline mills of dolls.  Machinery mills of dolls.  Imports, total thous of dolls.  By grand divisions and countries:	7. 4 3. 7 9. 1	7.9 9.9 11.3	6.3 7.7 10.3	6. 2 5. 3 9. 6	5. 1 5. 6 9. 0	4, 9 5, 8 9, 1	5. 0 5. 3 11. 6	4. 4 5. 4 10. 2	5. 1 4. 6 9. 7	6. 5 5. 1 9. 2	6.3 3.8 8.5	6.9 3.9 9.4	7. 4 6. 0
	a106, 903	112, 276	110, 280	79, 421	91, 102	98, 411	105, 499	104, 468	97, 087	95, 994	83,803	94,864	88, 412
Africa. thous of dolls Asia and Oceania thous of dolls Japan thous of dolls Europe thous of dolls France thous of dolls	1, 208 31, 751	1,767 30,621	1,654 29,450	1,514 23,781	1,317 25,439	1, 250 27, 732	1,412 28,110	2, 502 30, 348	1, 946 30, 628	2,616 31,090	1,990 24,247	1, 631 28, 700	1, 198 27, 069
Japan thous of dolls  Europe thous of dolls	8, 462	8, 813 28, 721	8, 542 25, 672 3, 185	8, 581 21, 526 2, 231	10, 068 26, 335 3, 389	12, 135 32, 390 4, 023	10, 505 36, 800 4, 510	11,730 35,422 4,549	12, 322 28, 967	7, 935 28, 226 3, 128	5, 686 26, 794 2, 991	7, 527 28, 192	8, 055 24, 421 2, 207
	2, 733 5, 113 3, 282	2,753 5,234 3,124	4, 968 2, 391	4, 464 1, 900	5, 698 2, 502	6, 754 3, 131	7, 152	6, 380 3, 984	3, 824 4, 752 3, 618	5, 212 2, 977	4,873 2,552	3,000 5,612 2,693	4, 727 3, 318
United Kingdomthous. of dolls. North America, northern.thous. of dolls.	8, 010 15, 405	6, 843 18, 219	5, 178 18, 283	4, 279 13, 090	5, 194 13, 532	6, 421	6, 789	6, 540 13, 789	4,852 11,493	4, 371 11, 419	5, 347 8, 567	5, 796 10, 123	5, 095 11, 140
Italy thous of dolls. United Kingdom thous of dolls. North America, northern thous of dolls. Canada thous of dolls. North America, southern thous of dolls.	14, 800 12, 697	17, 149 14, 693	17, 485 14, 430	12,720 9,078	12,741 12,870 2,062	12, 507 10, 623	13, 771 9, 624	13, 021 8, 684	11,006 9,334	10, 744 9, 079	8, 529 8, 197	10,055	11, 078 11, 678
South America thous, of dolls Argentina thous, of dolls	3, 586 15, 036 1, 320	4, 209 18, 254 1, 576	3, 905 20, 791 983	1,748 10,432 488	11, 610 598	2, 425 13, 244 804	1,942 14,853 1,011	1, 819 13, 723 1, 148	2, 285 14, 719 1, 636	2, 575 13, 563 1, 018	2,303 14,008 1,177	3, 046 14, 667 1, 257	2, 517 12, 906 827
Mexico thous of dolls.  South America thous of dolls.  Argentina thous of dolls.  Brazil thous of dolls.  Chile thous of dolls.	6, 958 438	8,704 1,000	8, 714 619	4, 494 222	3, 184 1, 680	5, 532 134	6, 383 156	6, 617 260	6, 114 145	5, 816 271	7, 244 230	7, 056 194	6, 105 409
By economic classes:  Crude materialsthous. of dolls. Foodstuffs, crudethous. of dolls.	24,920	28, 387 20, 582	29, 619 20, 003	19, 456 14, 600	22, 150 13, 885	27, 268 17, 327	27, 202 19, 445	27, 780 19, 153	28, 737 17, 643	27, 205 17, 929	21, 129 17, 864	23, 633 18, 411	21, 134 16, 557
Foodstuffs, manufactured_thous, of dolls_	20, 303	16, 579 17, 239	12, 795 18, 462	11,661 11,894	15, 340 15, 091	13, 941 14, 619	14, 056 16, 719	12, 821 16, 615	10, 519 16, 747	12, 817 16, 154	12, 097 13, 606	15, 145 14, 751	16, 270 13, 537
Manufactures, semithous. of dolls_ Manufactures, finishedthous. of dolls_	23, 622	29, 489	29, 402	21,810	24, 635	25, 255	28, 076	28, 099	23, 440	21, 889	19, 107	22, 924	20, 914
T	RANS	PORT	ATIO	N AN	D CO	OMM	UNIC	ATIO	NS				
TRANSPORTATION				İ									
Express Operations		0.00	<b>_</b>										
Operating revenue thous of dolls Operating income thous of dolls.	-	8, 036 118	7, 769 122	7, 124 132	6, 775 136	7, 122 132	7, 216 130	7, 039 134	7, 351 124	6, 603 136	6,368 138	6, 438 129	
Electric Street Railways		1		İ									
Fares, average (320 cities)cents_ Passengers carriedthousands_ Operating revenuesthous. of dolls_	<b>-</b> }	8, 225 739, 799 52, 440	8. 225 680, 723 48, 625	8. 235 621, 001 44, 650	8. 219 614, 081 45, 400	8. 229 633, 118 45, 114	8. 212 695, 712 48, 647	8. 235 677, 163 47, 600	8. 235 719, 464 50, 459	8. 192 679, 910 47, 384	8, 192 43, 656	-	
Steam Railroads					,	-3,222	-3,52,	, 550	3,250		25,000		
Freight carloadings (F.R.B.): Index, unadjusted1923-25=100	56	53	52	51	53	61	65	58	52	51	51	48	51
Coal	- 47 - 33	42 26	39 24	43 21	49 23	64 31	77 40	72 41	74 48	63 44	71 52	51 35	44
Forest products	- 30 - 81	26 62	24 58	21 84	21 83	25 82	26 72	23 63	18 57	20 59	19 56	21 58	76
Livestock	- 68	51 74 7	45 71 10	45 68 17	68	72	72	70	64	65	64	63	68
Miscellaneous	60	56	56	52		62	66						5

<sup>† 1932</sup> figures include final revisions. For revisions for January through March 1932 see issues of March, April, and May, 1933.

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933				193	32					19	33	
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	May	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
TRANS	SPOR'	ratio	ON AI	ND C	OMM	UNIC	ATIO	NS-C	ontinu	ed	· · · · · · · · · · · · · · · · · · ·		
TRANSPORTATION—Continued													
Steam Railroads—Continued													
Freight carloadings—Continued Index, adjusted1923-25=100	56	54	52	51	51	54	57	57	58	56	54	50	53
Coal	52 33	48 26	45 27 22 66	49 24	51 25 20	59 32	68 39	66 40	69 45	56 40	65 45	55 35	53 53 53 29 22 99 53 63 17 52 2, 505 397 17 86 177 82 803 16
Forest products 1923-25=100.	28 99	24 76	22 66	21 70	68	32 24 68 54	25 65	24 59	22 59	22 61	19 58	20 69	22 99
Livestock	54 66	54 71	53 71	54 69	57 68	69	52 69	51 68	50 69	50 69	49 66	45 62	53 63
Miscellaneous1923-25=100	14 57	54	54 1 000	49	10 48	10 52	12 56	10 57	20 57	20 57	20 51	23 47	17 52
Total cars ¶ thousands Coal thousands.	2, 128 318	2,088 • 299 13	1,966 267	2, 422 361	2, 065 338	2, 245 414	3, 158 676	2, 195 491	2, 487 626 28	1, 910 429	1,958 492	1, 841 366	2, 505 397
Coke thousands. Forest products thousands. Grain and products thousands. Livestock thousands.	15 83 148	75 117	12 67 101	13 73 185	11 62 154	14 69 148	95 174	19 64 111	66 132	21 55 106	25 55 101	18 59	17 86
Livestock thousands.	66 661	69 728	60 682	72 816	67 676	81 681	174 117 893	76 666	83 777	69 613	62 618	104 52 624	177 82
Merchandise, l.c.lthousands  Orethousands  Miscellaneous thousands	31 805	10 778	14 764	31 872	28 728	24 813	32 1, 148	12 756	9 765	610	7 598	611	803 16 926
Miscellaneous thousands. Freight-car surplus, total thousands. Box thousands.	553 281	751 381	773 387	764 387	708 377	599 324	545 314	622 353	647 376	692 381	650 368	681 362	619 314
Coal thousands Equipment, mfrs. (See Trans. Equip.)	204	297	314	304	261	210	171	198	196	233	206	244	237
Financial operations (class I roads):				·				İ					
Operating revenues thous of dolls		254, 741 194, 272	246, 237 185, 940	237, 813 179, 910	252, 102 194, 987	272, 473 214, 599	298, 462 244, 074	253, 575 203, 146	246, 062 188, 164	226, 555 179, 239	211, 613 168, 790	217, 599 174, 916	224, 877 180, 212
Freight thous of dolls.  Passenger thous of dolls.  Operating expenses thous of dolls.  Net operating income thous of dolls.		31, 330 207, 393	32, 633 199, 331	32, 713 191, 752	31, 385 189, 631	30, 481 189, 377	26, 179 200, 147	24, 859 189, 667	30, 202 188, 205	26, 654 181, 680	23, 585 170, 864	21, 886 175, 295	22, 920 173, 296
Operating results (class I roads):			12, 653	11,597	28, 368	49, 647	63, 839	34, 179	32, 857	13, 266	9, 855	10, 548	19, 041
Freight carried 1 milemills. of tons Receipts per ton milecents Passengers carried 1 milemillions		19,870 1.086	18, 668 1, 104	19,065 1.051	20, 046 1. 065	22, 706 1, 029	26, 344 1, 010	21, 754 1, 020	21, 102	19,986	4 19, 117 . 977	4 19, 357 1. 009	19, 831
		1, 425	1,462	1,613	1, 556	1, 529	1, 231	1,156	1,380	1, 167	1,045	997	
Waterway Traffic Canals:	245	213	201	214	214	215	235	224	224	200	158	100	010
Cape Codthous. of short tons	542	415 1,677	454 1, 405	376	528 1,349	478 1,347	554 1,582	588 1,532	0 1,622	0 1,464	1,435	192	212 183
U.S. vessels thous of long tons thous of long tons thous of long tons.	1, 630 783 835	662 4 878	1, 403 633 905	1, 260 576 822	650 938	638 1,061	723 1,014	682 751	587 51	560	623	1, 738 724 0	1, 528 302
Panama, total thous, of short tons.  U.S. vessels thous, of long tons.  St. Lawrence thous, of short tons.  Sault Ste. Marie thous, of short tons.  Suez thous, of short tons.  Welland thous, of short tons.	3, 490	1,568 1,891	1,988 1,816	2, 638 1, 906	3, 095 1, 893	3, 807 1, 768	3, 924 2, 171	2,877 2,021	215 2, 177	0 2, 225	1,983	0 2, 468	352 696 2, 289
Wellandthous. of short tons_ Rivers:	1, 109	1,037	1,065	1,030	1, 162	1, 292	1, 252	1, 087	147	2, 220	0	2, 400	2, 269 588
Alleghenythous. of short tons Mississippi (Government barges)	168	145	147	109	148	127	170	150	110	83	81	92	115
thous, of short tons	119 $1,022$	112 654	108 571	107 562	100 601	95 697	109 796	113 763	94 776	81 799	72 683	79 702	82 776
Monongahelathous. of short tons Ohio (Pittsburgh to Wheeling) thous. of short tons	576	438	392	367	430	446	534	494	434	465	400	357	456
Ocean traffic: Clearances, vessels in foreign trade									4 000				
Foreign thous of net tons thous of net tons United States thous of net tons	5, 129 3, 259	5, 619 3, 403	5, 819 3, 736	5, 879 3, 807	6, 191 4, 053	5, 902 3, 747	5, 325 3, 305	5, 019 3, 084	4, 299 2, 701	4, 226 2, 633	4, 050 2, 460	4, 528 2, 861	3, 326 1, 782
United Statesthous, of net tons Shipbuilding. (See Trans. Equip.)	1,870	2, 217	2, 083	2,071	2, 138	2, 155	2,020	1,936	1, 598	1, 594	1, 590	1,667	1, 544
Travel Airplane travel:								 					
Passengers carried*number_ Passenger miles flown*thous. of miles_		45, 105 11, 701	46, 639 12, 514	53, 759 14, 775	57, 995 15, 936	52, 829 14, 586	38, 548 11, 192	30, 671 9, 102	22, 889 6, 913	24, 300 7, 854	23, 046 7, 633	24, 945 8, 070	29, 499 9, 347
Hotel business: Average sale per occupied roomdollars	2. 71	3. 12	3. 11	3.09	3. 24	3. 16	3. 12	3. 13	2.98	2.94	2.98	2, 80	2.85
Rooms occupiedpercent of totalForeign travel:	51	53	49	45	46	48	53	50	47	54	51	45	48
Arrivals, U.S. citizens number Departures, U.S. citizens number		19, 233 22, 152	18, 690 28, 357	28, 006 59, 298	54, 070 57, 887	60, 258 38, 368	28, 058 28, 854	14, 879 22, 129	13, 259 20, 461				
Emigrants number Immigrants number Passports issued number		8, 577 2, 479	8, 391 2, 586	11, 328 2, 079	8, 783 2, 719	8, 856 3, 129	28, 854 7, 788 2, 388 6, 133	8, 031 2, 006	8,040 1,846				
National parks:		30, 442	29, 273	15, 967	10, 163	8,039		6,007	4,838	5,742	4,945	6, 480	9, 744
Visitorsnumber_ Automobilesnumber_	92, 518 21, 733	137, 236 33, 578	255, 987 123, 179	502, 762 133, 025	488, 562 125, 973	211, 601 57, 226	69, 454 19, 838	36, 290 7, 947	27, 343 5, 662	36, 463 6, 226	43, 379 6, 496	40, 969 5, 734	66, 313 11, 326
Pullman Co.: Passengers carriedthousands_ Revenues, totalthous. of dolls_		1, 270 3, 558	1, 300	1, 276	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	974
COMMUNICATIONS		ა, აგა	3, 757	3, 608	0,470	0,040	3, 121	2, 902	0, 201	3, 200	2, 104	2, 643	2, 880
Telephone (class A companies):													
Operating revenuesthous of dolls Station revenuesthous of dolls		88, 583 60, 657	86, 725 59, 451	82, 187 56, 710	82, 690 55, 911	82, 588 56, 119	83, 045 57, 094	80, 679 56, 356	81, 904 56, 500	79, 726 56, 011	76, 061 53, 962	78, 925 54, 615	78, 053 54, 116
Tolls, message thous of dolls.  Operating expenses thous of dolls.		20, 752 60, 005	20, 203 58, 477	18, 566 57, 291	19, 857 56, 976	19, 537 55, 180	19, 093 55, 390	17, 575	18, 507 56, 175	17, 016 58, 215	15, 512 55, 559	18, 155 57, 387	17, 442 55, 653
Operating incomethous. of dolls_ Stations in service, end of mothousands_		19, 464 16, 373	19, 057 16, 109	15, 991 15, 815	17, 048 15, 592	18, 743 15, 498	18, 966 15, 379	55, 444 17, 061 15, 261	18, 540 15, 142	14, 024 15, 015	13, 102 14, 902	14, 254 14, 779	14, 897 14, 676
Telegraphs and cables:		8,914	9, 116	7,788	8, 638	8,728	8, 229	7, 706	8, 352	7,317	6, 976	8, 827	7, 992
Operating revenuesthous. of dolls Commercial telegraph tolls thous. of dolls Operating expensesthous. of dolls		6, 867 8, 126	6, 997 8, 002	5, 844 7, 918	6, 545 7, 646	6, 534 7, 521	6, 205 7, 494	5, 697 7, 425	6, 334 7, 010	5, 529 7, 117	5, 250 6, 605	6, 841 7, 055	6, 133 6, 655
Operating incomethous. of dolls		399	725	₫516	602	818	349	<sup>4</sup> 104	888	d194	4346	1, 375	938

<sup>¶</sup> Data for July, October, December 1932, and April 1933 are for 5 weeks; other months 4 weeks.

New series. Covers scheduled airlines operating in United States. Earlier data not published.

Revised.

Revised.

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	Мау	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
	СНЕ	EMIC	ALS A	ND A	LLIE	D PR	odu	CTS					
CHEMICALS													
Alcohol: Denatured: Consumption (disposed of)													
thous, of wine gal.  Productionthous of wine gal.  Stocks, end of monththous, of wine gal.		4, 296 4, 868	3, 041 5, 382	5, 253 6, 203	8, 679 8, 172	7, ປ00 6, 633	7, 041 7, 255	6, 277 4, 917	5, 328 4, 616	4, 519 3, 614	3, 758 3, 909	3, 900 4, 147	3, 654 3, 682
Ethyl:		2, 199	4, 533	5, 461	5, 016	4, 639	4,841	3, 468	2,750	1,839	1,988	2, 230	2, 256
Production thous. of proof gal. Stocks, warehoused, end of month thous. of proof gal.		11, 578 18, 490	10, 577 19, 068	11,908 20,071	12, 365 18, 079	13, 355 18, 780	13, 140 19, 154	7, 391 18, 020	5, 278 16, 140	6, 014 14, 782	9, 084 15, 922	8, 229 16, 639	9, 012 19, 186
Withdrawn for denaturing thous. of proof gal			8,932	9, 924	13, 780	11,906	11,905	8,011	6, 722	5, 969	6,691	7,013	6,071
Methanol, wood distilled: Crude:			405 005	,									
Production * gallons Stocks, total * gallons Refined:	253, 499	243, 089 541, 533	135, 837 511, 120	111, 113 558, 374	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	<sup>a</sup> 268, 064 <sup>a</sup> 288, 198	a 174, 201 a 271, 914
Exports gallons Price, wholesale, N.Y dolls, per gal	59, 621 . 37	44, 378 . 37	55, 129 . 37	47, 733 . 37	60, 123 . 37	134, 564 . 37	79, 714 . 37	83, 731 . 37	62, 156 . 37	112, 122 . 37	62, 613 . 37	233, 754	147, 338 . 37
Production *gallons_ Shipments *gallons_	95, 365 105, 578	71, 668 76, 404	119, 571	83, 534 117, 248	150, 686 145, 724	102, 448 92, 220	197, 534 159, 491	140, 584 195, 065	173, 636 196, 786	165, 860 59, 546	117, 236 90, 285	a124, 086 a 93, 848	a 82, 846 a 105, 559
Exports. gallons Price, wholesale, N.Y. dolls, per gal Production * gallons Shipments * gallons Stocks, end of month * gallons Methanol, synthetic:	348, 572	298, 704 742, 826	276, 287	242, 573	247, 535	257, 763	295, 806	241, 325	218, 175	324, 489	351, 440	4381, 678 178, 232	425, 333
Production gallons Shipments gallons Stocks, end of month gallons	761,369 1.715.547	349, 034	712, 537 587, 442 2,852,057	793, 639 294, 911 3,351,265	792, 641 461, 299 3,682,607	697, 890 550, 862 3,829,635	571, 372 958, 909 3,442,098	531, 635 819, 251 3,154,482	643, 598 587, 406 3,210,674	352, 748 512, 781 3,050,641	324, 527 625, 484 2,749,684	665, 702	576, 646 •2,110,901
		16, 139	14, 319	14, 473	17, 607	20, 867	22, 122	19, 074	17, 998	17, 129 17, 777	15, 437	15, 435	15,006
Orders, new thous. of lb- Production thous. of lb- Shipments thous. of lb- Stocks, end of month thous. of lb- Sulphur and sulphuric acid:	15, 781 15, 449	16, 896 16, 869	14, 018	12, 563 13, 918	17, 903 18, 956	19, 557 20, 152	22, 624 23, 011	20, 753 20, 054	17, 930 17, 807	1 17, 520	16, 008 16, 424	15, 804	16, 005 15, 502 15, 711
Sulphur and sulphuric acid: Sulphur production (quarterly) long tons.	16, 033	17, 057	17, 588 241, 958	16, 192	15, 187	14, 548 194, 471	14, 213	14, 912	15, 020 188, 607	15, 545	14,935	15, 307	10, 111
Sulphur, production (quarterly)_long tons_ Sulphuric acid (104 plants): Consumed in prod. of fertilizer_short tons_		30, 266	29, 658	32, 590	52, 272	53, 259	74, 813	99, 615	102, 886	100, 446	87, 500	76, 573	71, 749
Price, wholesale 66°, at works dolls. per short ton_ Productionshort tons_		l .	15. 50	15. 50	15. 50	15. 50	15. 50	15. 50	15.50	15. 50	15. 50	15. 50	15. 50
Purchases:		1	44, 930 2, 315	45, 393 7, 514	58, 345 12, 404	61, 152	84, 471 16, 224	115, 684 14, 702	119, 350 17, 583	114, 618	99, 825	79, 328 10, 309	73, 900
From fertilizer mfrs short tons. From others short tons. Shipments:	1		13, 978	13, 677	6, 586	4, 652	9, 158	13, 429	9, 830	15, 002	9, 987	8, 544	12, 222 14, 487
To fertilizer mfrs short tons To others short tons		16, 177 21, 009	4, 329 17, 938	4, 478 14, 242	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
FERTILIZERS													
Consumption, Southern States thous. of short tons	235	156	68	14	40	97	98	60	85	205	298	825	119
Exports, total §long tonslong to	5, 987	81, 686 4, 105	52, 000 12, 255	60, 359 7, 633	52, 926 15, 234	64, 701 32, 606	67, 268	71,724	71, 136 18, 185	56, 163 8, 829	59, 894 7, 836	85, 481 9, 485	69, 580 4, 239 63, 621
Prepared fertilizers long tons. Imports, totals long tons.	52, 479 104 101, 085	76, 943 69 84, 783	36, 731 114 58, 018	51, 721 306 49, 985	36, 708 172 57, 530	30, 005 374 88, 006	44, 204 50 91, 619	50, 299 65 85, 206	52, 314 73 47, 956	44, 128 14 94, 313	50, 143 80 90, 349	73, 165 55 97, 507	102, 204
Nitrogenous long tons Nitrate of soda long tons	59, 561 8, 431	66, 909 37	38, 351 647	26, 637 11	26, 208	44,817	42,831	48, 627 4, 887	30, 760	55, 281 405	65, 457 2, 516	61, 535 106	70, 934
Consumption, Southern States thous. of short tons.  Exports, total§ long tons. Nitrogeneous§ long tons. Phosphate materials long tons. Prepared fertilizers long tons. Nitrogenous§ long tons. Nitrogenous§ long tons. Nitrate of soda§ long tons. Phosphates long tons. Proce, nitrate of soda, 95 percent, NY. dolls. per cwt.	3, 486 22, 714	3, 470 12, 279	3, 154 7, 533	3, 514 18, 172	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 17, 998	5, 814 21, 885	3, 934 20, 537
Superphosphate, bulk:	1.345	1. 770	1.770	1. 770	1.633	1. 220	1. 240	1. 270	1. 295	1. 295	1. 295	1, 295	1.305
Production short tons. Shipments to consumers short tons.		86, 200 68, 887	61, 539 21, 498	10,774	112, 919 12, 275	80,779	47, 338	209, 476 13, 028	7,892	16, 188	188, 631 31, 561	a155, 402	158, 890 265, 511
Stocks, end of monthshort tons  NAVAL STORES		857,096	855, 535	852, 587	868, 657	853, 035	874,042	979, 903	1,076,520	41,089,429	1,066,567	°897,888	521, 297
Pine oil: Productiongallons_	208, 133	201, 628	189, 752	201, 608	189, 132	231, 115	195, 248	227, 273	199, 202	233, 286	186, 598	202, 929	184, 760
Rosin, gum: Price, wholesale "B," N.Ydolls. per bbl. Receipts, net, 3 portsbbl. (500 lb.)	4.10	3.04	3. 15	3, 23	3.41	3. 65	3, 55	3.44	3. 01	2.89	2.89	2.89	3. 28
Stocks, 3 ports, end of month_bbl. (500 lb.) Rosin, wood:	110,450 227,022	91, 527 350, 472	96, 115 366, 318	104, 904 371, 797	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
Productionbbl. (500 lb.) _ Stocks, end of monthbbl. (500 lb.) _	31, 045 70, 934	30, 597 92, 695	29, 483 96, 314	30, 076 104, 448	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
Turpentine, gum: Price, wholesale, N.Ydolls, per gal.	. 47	.44	. 43 26, 841	. 41 29, 723	. 42 27, 770	1		.45		.45	.45	. 46	
Receipts, net, 3 portsbbl. (50 gal.)_Stocks, 3 ports, end of month_bbl. (50 gal.)_Turpentine, wood:	32, 359 67, 117	27, 410 73, 896	26, 841 70, 242	29, 723 82, 532	27, 770 86, 467	22, 811 82, 364	19, 362 82, 503	18, 125 91, 212	15, 979 91, 971	6, 283 84, 096	2,826 74,894	6,710	18, 176 59, 212
Productionbbl. (50 gal.)_ Stocks, end of monthbbl. (50 gal.)_	5, 028 6, 981		4, 827 5, 560	4, 878 7, 412	4, 861 6, 930	5, 020 7, 054	5, 202 8, 312	5, 454 10, 602	5, 070 13, 112		4, 175 14, 399	4, 255 12, 387	3, 831 10, 863
OILS, FATS, AND ANIMAL BY-PRODUCTS	,,,,,		,,,,,	,,,	,,,,,,	,,,,,,,	,,,,,,	,					
Animal fats and by-products (quarterly):			]										
Animal fats: Consumption, factorythous. of lb_	.	<u> </u>	178, 375		ļ	171, 011		-	149, 864			138, 652	
Production thous. of lb. Stocks, end of quarter thous. of lb. Animal glues:		-	553, 147 303, 339		-	474, 719 240, 524		-	570, 199 235, 326			- 598, 610 - 283, 313	
Productionthous. of lb. Stocks, end of quarterthous. of lb.		<u> </u>	15, 542 74, 726			11, 755 73, 954			14, 085 72, 856				
Gelatin, edible: Productionthous. of lb_ Stocks, end of quarterthous. of lb_	1	1	)			1,300					1	1	
Stocks, end of quarterthous. of lb_ • Revised.	-1	-1	_: 10, 457	'	-1	. 8,508	1	-1	_1 9, 107	1	-1	10, 751	·

<sup>Revised.
New series. For earlier data see p. 20 of the April 1933 issue.
Data for 1932 revised. For revision covering months of January-April 1932 see p. 36 of the June 1933 issue.</sup> 

fonthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found	1933				19	932					19	33	
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	May	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
СН	EMIC.	ALS A	AND A	ALLIE	D PR	ODU	cts-	-Contin	ued				
OILS, FATS, AND ANIMAL BY- PRODUCTS—Continued													
Animal fats and by-products—Continued Greases:							1						
Consumption, factory thous of lb- Production thous of lb- Stocks, end of quarter thous of lb- Lard compounds and substitutes:			50, 617 80, 923			50, 047 74, 640		·	80,058			44, 889 79, 411	
Stocks, end of quarterthous. of lb_ Lard compounds and substitutes:			78, 747		Ì	69, 162			72, 013			71, 894	
Stocks, end of quarter thous. of lb.			23, 527			276, 916 24, 480			225, 932 26, 265			203, 564 25, 020	
Consumption, factory thous of lb.  Production thous of lb.  Stocks, end of quarter thous of lb.			35, 103 5, 938			38, 943 36, 722			36, 817 28, 682			29, 741 18, 197	
Vegetable oils, total:			183, 960			195, 886			197, 290			181, 374	
Consumption, factory (quarterly) thous. of lb	2, 243	1, 607	615, 691 3, 123	2, 815	867	506, 351 2, 029	5, 516	3, 961	837, 087	7, 406	6, 627	660, 362	
Exports thous of lb. Imports \( \frac{1}{2} \) thous of lb. Production (quarterly) thous of lb.	82, 720	62,891	54, 231 403, 439	61, 377	55, 978	43, 971 418, 363	41, 085	50, 631	6, 356 66, 191 798, 395	75, 298	40, 237	4, 697 69, 913 600, 825	2, 55,
Crudethous. of lb_		<u> </u>	553, 546			538, 909			575, 970			664, 447	
Refinedthous. of lb_ Copra and coconut oils:			704, 882			532, 231			763, 781			839, 933	
Copra: Consumption, factory (quarterly) short tons			49, 656			42, 067			56, 959			59, 225	
Importsshort tons_ Stocks, end of quartershort tons_	24, 895	10, 894	11, 074	13, 283	14, 482	16, 397 9, 448	23, 362	25, 049	26, 772 28, 084	18, 009	27, 300	14, 852 24, 571	15,
Coconut or copra oil: Consumption, factory:	1											·	
Crude (quarterly) thous. of lb. Refined, total (quarterly)			124, 120			130, 032			127, 640			120, 207	
In oleomargarine thous, of lb. Imports thous, of lb.	32 677	8, 497 28, 259	59, 171 7, 181 25, 725	6, 881 23, 605	9, 621 15, 698	62, 380 10, 425 17, 335	11, 920 9, 442	11, 936 14, 912	67, 701 12, 234 26, 110	13, 434 28, 136	10, 706 13, 148	69, 426 13, 498	12, 20,
Production (quarterly):			1	20,000	10,000	53, 015	1	11,012	70,819			29, 651 76, 028	20,
Crude thous of lb Refined thous of lb Stocks, end of quarter:			l .	i		57, 350			59, 847			61, 785	
Crude thous, of lb Refined thous, of lb			178, 229 14, 500			145, 339 13, 004			120, 928 14, 227			138, 551 14, 382	
Cottonseed and products: † Cottonseed: † Consumption (crush) short tons	219 024	199, 452	112, 963	90, 262	151, 193	873, 033	711 236	673, 397	483, 290	419, 354	440, 333	368, 336	249,
Receipts at mills short tons Stocks at mills end of month short tons	71, 921	73, 877 400, 375	64, 701 352, 113	38, 173	119, 936 265, 372	968, 757 666, 877	711, 236 1,258,516 1,214,157	892, 182 1,432,942	381, 139 1,328,607	300, 753 1,211,440	198, 291 969, 398	148, 382 749, 164	95, 594,
Consumption (crush) short tons. Receipts at mills short tons. Stocks at mills, end of month short tons. Cottonseed cake and meal: † Exports*. short tons.	5, 373	4, 965	8,084	2, 119	3,030	12, 622	25, 702	1	28, 698	21, 941	23, 873 198, 762	5, 039	4,
Stocks at mills, end of month short tons.	. 100,001	92, 839 149, 548	52, 304 135, 516	41, 208 114, 656	70, 271 97, 481	256, 555 201, 421	319, 695 308, 788	18, 430 302, 815 367, 661	216, 133 366, 626	190, 943 342, 565	198, 762 332, 624	167, 464 286, 197	115, 221,
Cottonseed oil, crude: † Productionthous. of lb_ Stocks, end of monththous. of lb_	73, 324 81, 279	68, 436 85, 134	40, 454 51, 172	29, 281 29, 524	45, 539 28, 315	173, 198 103, 100	218, 949 133, 875	208, 238 147, 746	151, 315 143, 835	130, 699 146, 688	139, 178 159, 060	116, 668 161, 246	80, 122,
Cottonseed oil, refined: Consumption, factory (quarterly)	01, 210	00,101	02,212	20,021	20,010	100,100	100,000	111,110	140,000	110,000	100,000	101, 240	122,
thous. of lb. In oleomargarine thous. of lb. Price, summer yellow, prime, N. Y.		1, 137	223, 273 986	931	1, 241	283, 700 1, 292	1, 270	1,378	229, 799 1, 519	1, 467	1, 274	209, 942 1, 408	1,
dolis, per ib	. 050	. 032 90, 331	. 033 70, 887	. 038 47, 775	.045	. 045	. 040	. 037	. 035	. 036	. 035	. 037	٠
Production † thous. of lb	779, 447	707, 439	672, 822	628, 420	38, 273 525, 303	81, 183 503, 199	165, 906 581, 583	670, 558	133, 618 730, 492	112, 212 759, 730	113, 517 802, 125	107, 938 807, 376	97, 804,
Flaxseed: Imports, United Statesthous. of bu	. 806	829	511	103	20	603	437	384	914	368	570	732	
Minneapolis and Duluth: Receiptsthous. of bu	524	364	347	175	2, 486	2,845	1, 548	729	434	399	101	107	
Shipmentsthous. of bu Stocks, end of monththous. of bu Oil mills:	267 912	193 822	267 902	306 763	519 1,565	1, 427 3, 265	1,700 2,109	1,340 1,200	293 1, 210	393 1, 023	126 1,026	153 950	1,
Consumption, quarterly thous, of bu- Stocks, end of quarter thous, of bu-			3, 507 1, 454			3, 739 2, 663			4, 998 3, 121			4, 365 1, 646	
Price, no. 1, Minndolls. per bu_ Production, crop estimate_thous. of bu_	1.43	1. 21	1.05	. 98	1. 01	1.11	1. 13	1.06	1.09 / 11,841	1, 16	1.10	1. 13	1
Stocks, Argentina, end of month thous. of bu.	8, 268	a 6, 299	7,874	7,480	7,087	5, 906	3,937	3,937	5, 512	5, 512	5, 512	6, 299	6,
Linseed cake and meal:  Exportsthous. of lb  Shipments from Minneapolis	17, 676	20, 373	20, 787	30, 536	19, 372	5, 923	22, 116	17,797	14,753	26, 690	22, 799	17, 291	20,
Linseed oil: thous. of lb_	10, 799	3, 932	3, 665	7, 610	12, 960	14, 338	11,367	8, 411	8, 576	8, 297	6, 410	8, 693	9,
Consumption, factory (quarterly) thous. of lb			65, 253			51, 575			43, 833		<b></b>	39, 021	
Price, wholesale, N.Ydolls. per lb Production (quarterly)thous. of lb		. 061	. 059 65, 764	. 056	. 055	68, 503	. 063	. 067	. 069 90, 987	. 073	. 072	. 075 79, 595	
Shipments from Minneapolis thous. of lb. Stocks at factory, end of quarter	8,770	7, 007	4, 666	3, 433	4,752	7, 257	4, 849	4,007	2, 510	4, 108	3, 462	4, 405	8,
Lard compound:		<b> </b> -	116,082	<b></b>		97, 496			121,775			141, 105	
Price, tierces, Chicago*dolls. per lb Oleomargarine:	. 073	. 059	.061	. 065	. 069	. 074	.066	. 063	. 060	. 059	. 059	. 060	١.
Consumption (tax-paid withdrawals) thous. of lb_	19, 578	14, 273	10, 945	11,360	15, 020	16, 211	19, 391	20,048	18, 269	22, 920	15, 498	23, 106	18,
Price, standard, uncolored, Chicago dolls, per lb.	. 094	. 095	.095	. 091	. 093	. 095	. 095	. 095	. 095	.095	. 080	. 077	
Productionthous. of lb  • Revised.	.	14, 338	12, 111	11,408	16, 016	17, 128	19, 528	19,166	20, 142	21,023	17, 246	21, 387	20,

<sup>•</sup> Revised.

# 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. For revisions for months of January through April 1932 see p. 37 of the June 1933 issue.

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933	1			19	932					19	33	
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	May	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
СН	EMIC.	ALS A	AND A	ALLIE	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 Tradethous. of dolls Unclassified (273 estab.)thous. of dolls Plastia, add water equitational delicitions.			19, 637 13, 419 4, 685 8, 734 6, 218	14, 430 9, 852 3, 793 6, 059 4, 578	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, 431 9, 180 3, 385 5, 795 5, 252	20, 295 13, 297 4, 664 8, 633 6, 997
Plastic, cold-water paints, and calcimines: Sales: Calcimines		126, 685	93, 052 78, 961 59, 870	75, 228 82, 639 45, 281	102, 299 64, 229 54, 028	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
PYROXYLIN PRODUCTS Rods:								İ					
Production* thous of lb. Shipments* thous of lb. Sheets: Production* thous of lb.		86 85 659	79 80 630	65 69 389	142 126 540	155 163 802	135 188 940	144 154 839	72 105 713	76 119 635	81 102 597	65 91 535	105 132 594
Shipments* thous. of lb. Tubes: thous. of lb. Shipments* thous. of lb.		665 23 21	573 26 22	541 12 20	691 14 25	941 29 33	1,007 33 47	818 26 52	787 18 27	753 14 29	688 23 26	687 18 33	804 26 27
ROOFING					20		-1			20			
Dry roofing felt: Production short tons Stocks, end of month short tons Prepared roofing, shipments:		14, 779 4, 911	13, 103 5, 388	12, 136 4, 909	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
Total thous. squares. Grit roll thous. squares. Shingles (all types) thous. squares. Smooth roll thous. squares.		1, 625 381 508 736	1, 524 374 433 717	1,718 396 453 870	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
	· · · · · · · · · · · · · · · · · · ·	ELE	CTRIC	C PO	VER .	AND	GAS			1 1	<u> </u>	<u> </u>	
ELECTRIC POWER													
Consumption, industrial, for power purposes. (See Business Indexes.) Fuel consumed in production of electrical energy. (See Fuels.)		6, 650	e 500	R 547	6 764	6, 752	7, 073	£ 050	7 140	6, 932	<b>e</b> 902	8 279	£ 451
Production, total †		3, 627 3, 023	6, 563 3, 876 2, 687	6, 547 3, 858 2, 689	6, 764 4, 179 2, 585	4, 316 2, 436	4, 351 2, 722	6, 952 4, 087 2, 865	7, 149 4, 377 2, 772	3, 982 2, 950	6, 286 3, 651 2, 635	6, 673 3, 664 3, 009	6, 451 3, 367 3, 084
By type of producer: Central stationsmills. of kwhrs_ Street railways, manufacturing plants, etc. mills. of kwhrs_		6, 230 420	6, 148 415	6, 123 424	6, 328 436	6, 315 437	6, 609 464	6, 513 439	6, 670 479	6, 535 397	5, 922 364	6, 264 409	6, 048 403
Sales of electrical energy: Sales to ultimate consumers, total (W.E.L.A.). mills. of kwhrs. Domestic service mills. of kwhrs. Commercial—retail mills. of kwhrs. Commercial—mills. of kwhrs. Municipal and streeting lighting			5, 022 869 981 2, 617	4, 969 854 1, 007 2, 550	5, 045 838 1, 016 2, 617	5, 238 911 1, 055 2, 698	5, 326 984 1, 065 2, 653	5, 423 1, 076 1, 117 2, 578	5, 345 1, 131 1, 125 2, 383	5, 373 1, 206 1, 121 2, 343	5, 026 1, 074 1, 044 2, 248	4, 878 1, 004 984 2, 221	4, 988 980 984 2, 423
mills. of kwhrs Railroads: Electrified steammills. of kwhrs		179 43	156 42	163 41	175 <b>42</b>	183 41	199 45	207 46	217 50	234 49	211 50	196 55	179 53
Street and interurban_mills. of kwhrs_Gross revenue from sales of energy (Electrical World)thous. of dolls_		334 158, 300	314 154, 960	309 152, 370	311 152, 020	305 159, 040	331 165, 410	350 169, 730	382 171, 880	361 171, 370	348 158, 620	361 151, 920	318
Revenues from ultimate consumers $(N.E.L.A.)$ thous. of dolls.		146, 308	143, 396	140, 986	140, 256	145, 976	151, 551	156, 862	157, 561	160, 279	149, 768	142, 487	142, 512
Manufactured gas.*  Customers, total		10, 320 9, 761 57 494	10, 220 9, 669 51 492	10, 212 9, 670 45 490	10, 155 9, 616 46 485	10, 203 9, 659 49 488	10, 159 9, 606 58 487	10, 038 9, 484 62 484	10, 002 9, 445 63 486	9, 907 9, 356 61 482	9, 879 9, 328 62 481	9, 853 9, 305 61 478	9, 824 9, 279 61 476
Sales, to consumersmillions of cu. ft  Domesticmillions of cu. ft  House heatingmillions of cu. ft Industrial and commercial		31, 936 23, 354 1, 465	30, 149 22, 944 511	27, 581 21, 158 227	25, 608 19, 519 177	28, 213 21, 899 219	30, 335 22, 990 794	30, 186 21, 338 2, 030	31, 824 21, 641 3, 244	32, 324 21, 937 3, 424	30, 949 20, 714 3, 395	30, 655 20, 821 3, 216	30, 459 21, 103 2, 576
millions of cu. ft  Revenues from sales to consumers thous. of dolls		6, 965 35, 369	6, 559 34, 093	6, 071 31, 664	5, 778 29, 687	5, 949 32, 405	6, 372 34, 011	6, 632 33, 022	6, 737 34, 134	6, 778 34, 288	6, 661 32, 872	6, 438 32, 509	6, 607 32, 435
Domestic		27, 922 1, 118 6, 214	27, 725 409 5, 852	25, 934 208 5, 426	24, 220 163 5, 208	26, 727 198 5, 375	27, 612 632 5, 650	25, 596 1, 458 5, 845	25, 802 2, 213 5, 990	25, 929 2, 292 5, 945	24, 608 2, 289 5, 841	24, 551 2, 166 5, 667	25, 020 1, 787 5, 516
Customers, total thousands. Domestic thousands. Industrial and commercial thousands. Sales to consumers millions of cu. ft. Domestic millions of cu. ft. Industrial and commercial		5, 572 5, 093 477 61, 910 21, 328	5, 493 5, 031 460 54, 856 13, 901	5, 446 4, 994 450 48, 466 9, 774	5, 420 4, 972 446 48, 549 8, 034	5, 427 4, 980 446 52, 615 8, 509	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
millions of cu: ft' Revenues, from sales to consumers		39, 869 24, 313	40, 507 20, 001	38, 125 17, 063	39, 935 16, 501	43, 651 17, 469	45, 283 20, 720	50, 558 25, 907	52, 175 33, 407	48, 777 35, 709	50, 337 33, 936	46, 361	44, 423 27, 322
thous. of dolls.  Domesticthous. of dolls.  Industrial and commercial thous. of dolls.		15, 338 8, 891	11, 676 8, 261	9, 437 7, 558	8, 823 7, 600	9, 243 8, 147	11, 607 8, 964	15, 464 10, 245	21, 784 11, 455	24, 450 11, 130	22, 250 11, 487	30, 858 20, 201 10, 530	27, 322 17, 562 9, 655

<sup>#</sup> 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.

Monthly statistics through December 1931,	1933			<del></del>		1932					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	May	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
	!	FOO	DSTU	FFS .	AND	TOBA	cco	<u> </u>	l			<u>!</u>	·
DAIRY PRODUCTS													<u> </u>
Butter: Consumption, apparent*thous. of lb_Price, N.Y., wholesale (92 score) dolls. per lb_	160, 871 . 23	4166, 614 . 19	131, 548 . 17	133, 068 . 18	148, 538 . 20	141, 715 . 21	141, 933 . 21	138, 524 . 23	134, 106 . 24	128, 678 . 20	122, 655 . 19	129, 093 . 18	133, 645 . 21
Production (factory)†thous. of lb Receipts, 5 marketsthous. of lb	185, 994 65, 023	. 19 4185, 393 75, 552	. 17 186, 736 71, 712	159, 162 57, 333	143, 763 52, 082	124, 012 43, 022	119, 327 39, 720	108, 927 40, 714	118, 979 43, 074	124, 470 50, 828	116, 420 44, 750	126, 751 50, 672	133, 734 48, 072
Stocks, cold storage, creamery, end of month thous. of lb	34, 555	29, 160	84, 269	110, 247	107, 259	89, 490	66, 828	37, 207	22, 043	17, 833	11, 580	9, 255	a 9, 398
Consumption, apparent thous. of lb. Imports	56, 740 5, 527	4 56, 724 4, 338	46, 783 3, 802	41, 030 3, 342	45, 243 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
Production (factory) † thous. of 10	. 15 56, 116	. 12 a 53, 894	.11 58,840	. 12 46, 778	. 14	41,569	. 13 36, 517	30, 564	, 13 31, 321	31, 387	29, 480	34, 073	. 12 36, 281
American whole milk†thous. of lb Receipts, 5 marketsthous. of lb Stocks, cold storage, end of month†	16, 037	38, 942 13, 972	45, 718 15, 731	35, 924 16, 492	33, 503 14, 856	31, 089 12, 771	27, 584 13, 329	21, 880 12, 505	23, 172 11, 405	23, 335 10, 768	21, 993 9, 981	26, 195 12, 725	28, 052 12, 728
thous. of lb  American whole milk†thous. of lb	48, 458 41, 344	52, 118 40, 461	66, 531 53, 922	76, 327 63, 667	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	a 43, 626 a 37, 321
Milk: Condensed and evaporated:							·		·	,			·
Production:† Condensed (sweetened)thous. of lb Evaporated(unsweetened)#	21, 363	a 23, 173	22, 501	16, 692	21, 403	16,954	17, 982	13, 141	16, 251	15, 178	12, 715	14, 580	15, 947
Exports:	203, 685	i '	184, 018	153, 876	134, 727	113, 197	104, 267	90, 020	99, 521	112, 209	104, 658	141, 090	172, 178
Condensed (sweetened)thous. of lb Evaporated (unsweetened)_thous. of lb Brief whelesels N.V.	482 2, 122	1,619 3,812	3, 037	656 2, 687	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
Prices, wholesale, N.Y.:  Condensed (sweetened)_dolls. per case_ Evaporated (unsweetened)	4.68	4.75	4. 55	4.75	4.72	4.68	4. 68	4.68	4.68	4.68	4.68	4.68	4.68
dolls. per case Stocks, manufacturers, end of month: Condensed (sweetened):	2, 55	2. 57	2.45	2. 33	2. 25	2, 25	2. 25	2. 25	2. 56	2, 55	2. 42	2.03	2. 19
Bulk goodsthous. of lb Case goodsthous. of lb	8, 367 9, 860	8, 865 15, 246	13, 856 19, 986	12, 634 21, 447	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	4 6, 076 5, 310
Evaporated (unsweetened): Case goodsthous. of lb	48, 127	164, 421	212, 431	225, 897	190, 912	176, 197	146, 204	139, 957	100, 092	107, 154	101, 085	50, 571	36, 975
Fluid milk: Consumption in oleomargarine thous, of lb		3, 512	2, 890	2,781	3, 792	4, 054	4, 646	4, 485	4, 736	5, 039	3, 988	5,041	4,858
Production, Minn. and St. Paul thous. of lb		38, 606	34, 227	25, 887	22, 381	21,945	24, 571	26, 727	31, 705	34, 903	32, 457	36, 718	34, 908
Receipts: Boston, incl. creamthous. of qt Greater New Yorkthous. of qt	121, 759	20, 715 121, 766	19, 766 119, 444	20, 017 121, 116	19, 799 118, 806	18, 354 115, 727	18, 571 113, 877	17, 589 107, 768	17, 725 108, 829	17, 848 109, 567	16, 364 102, 264	18, 266	17, 591
Powdered milk: Exportsthous, of lb	192	390	221	310	316	256	178	291	225	183	179	a112, 525	109, 550 248
Orders, net, newthous. of lb_ Stocks, mfgrs. end of mothous. of lb_	11, 831 13, 148	10, 354 23, 929	11, 681 26, 226	10, 960 27, 918	11, 312 24, 918	10, 426 21, 785	10, 089 20, 004	8, 982 18, 505	10, 207 18, 326	7, 877 17, 473	7, 789 16, 389	<sup>a</sup> 9, 556 14, 997	10, 251 a 13, 354
FRUITS AND VEGETABLES  Exports, fruits and preparations. (See For-			<u> </u>										
eign trade.) Apples: Production, crop estimatethous. of bu									****				
Shipments, car lotcarloads Stocks, cold storage, end of month	1, 964	2, 415	1,412	2, 589	1, 641	8, 457	23, 459	10,666	/ 139, 156 6, 030	6, 278	5, 875	4, 999	2, 830
thous. of bbl  Citrus fruit, car-lot shipmentscarloads	590 14, 047	673 12, 094	8, 382	8, 046	5, 948	1,974 5,621	8, 827 6, 694	9,811 11,022	8, 513 13, 277	6, 703 13, 566	4, 138 12, 287	2, 894 13, 624	4 1, 567 12, 813
Onions, car-lot shipmentscarloads Potatoes: Price, white, N.Ydolls. per 100 lb	2,740	4, 361 1. 086	2,402	1, 532 1, 073	1,419	3, 610	3, 371	2, 084 1. 061	1, 657 1. 254	2, 311 1, 258	2, 252 1, 250	2, 431 1, 257	2, 456 1, 290
Production, crop estimatethous. of bu Shipments, car lotcarloads	17, 908	18, 141	21, 996	15, 704	8, 277	12, 738	14, 230	11,704	7 356, 589 11, 944	16, 570	16, 359	24, 481	18, 005
GRAINS													
Exports, principal grains, including flour and mealthous. of bu.	3, 176	10, 270	9,810	6,740	8,524	6,098	8, 176	10,075	5,715	4, 826	3, 569	4, 172	a 2,803
Barley: Exports, including maltthous. of bu Price, no. 2, Minndolls. per bu	785 . 45	673 . 44	465 . 35	812 .31	995 .31	1, 028 . 32	1, 244 . 29	1, 353 . 31	940 . 29	1, 121 . 26	449 . 25	1, 113	648
Production, crop estimatethous. of bu- Receipts, principal markets *thous. of bu- Visible supply, end of monththous. of bu-	8, 780	1, 226	922	888	6, 037	4, 631	3, 272 7, 151	2,724 7,633	299, 950 2, 914	1, 787	1, 203	1,683	. 40 5, 055
Visible supply, end of month_thous. of bu Corn: Exports, including mealthous. of bu	10,809	4 2, 317 311	1,932	1, 812 381	4, 616	6,625	7, 151 1, 915	7, 633 2, 320	8, 242 699	8, 685 155	8, 496 583	8, 320	5, 055 8, 414
Grindingsthous. of bu_ Prices, wholesale:	8,862	4, 920	4, 552	4, 552	5, 165	5, 981	5,856	5, 569	5, 167	5, 758	5, 022	5, 830	7, 117
No. 3, yellow (Kansas City) dolls. per bu No. 3, white (Chicago) dolls. per bu Production, crop estimatethous. of bu	.39	.34 .32	.33	.35	.33	.29 .30	. 24 . 25	.24	. 22 . 23 /2,908,045	. 23 . 24	. 22 . 23	. 26 . 26	. 33 . 36
Receipts, principal marketsthous. of bu Shipments, principal markets.thous. of bu	26, 464 16, 718	9, 607 6, 686	5, 399 5, 684	7, 319 9, 100	14, 300 5, 280	19, 391 11, 177	24, 516 12, 444	12, 644 9, 318	11, 552 6, 486	12, 715 3, 750	12, 641 3, 602	9, 885 4, 991	16, 623 11, 776
Visible supply, end of monththous. of bu Oats: Exports, including oatmealthous. of bu	38, 362	a 21, 510 227	17, 052 313	11,716	15, 065	19, 545	28, 252	27, 534	30, 724 525	33, 793	35, 006 360	36, 120 582	32, 463 210
Price, No. 3, white, Chicagodolls. per bu- Production, crop estimatethous. of bu-	. 25	. 23	. 21	. 18	. 17	.17	. 15	. 15	. 15 /1,242,437	. 15	. 15	.17	. 22
Receipts, principal marketsthous. of bu Visible supply, end of monththous. of bu Rice:	11, 791 23, 695	6, 513 a 10, 266	3, 778 10, 174	7, 937 13, 307	22, 446 27, 259	9, 715 29, 042	5, 421 28, 532	3, 189 27, 316	3, 745 26, 310	4, 352 26, 220	4, 236 25, 434	4, 767 23, 983	8, 191 22, 228
Exports §pockets (100 lb.)	69, 816 20, 047	315, 541 10, 310	261, 230 9, 360	234, 032 2, 358	134, 463 2, 378	101, 676 5, 428	163, 347 6, 287	176, 704 21, 381	211, 802 20, 102	153, 549 31, 872	152, 025 23, 837	166, 291 28, 704	157, 235 21, 635
Price, wholesale, head, clean, New Orleans dolls. per lb  Production, crop estimatethous. of bu	. 026	. 022	. 023	.020	. 020	.022	.021	. 020	. 020	.019	. 019	.021	. 022
* Now service . For earlier data are a 20 of		g					! <b></b> -		1 39, 356			l	l <b></b>

<sup>\*</sup> 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 Dec. 1.

# Revised.

† Revised.

† Revised.

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 others.

§ Data for 1932 revised.

For revision see p. 39 of the June 1933 issue.

Monthly statistics through December 1931. together with explanatory footnotes and refer-	1933				19	32					19	933	
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Мау	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
	FOO	DSTU	FFS .	AND	това	.cco-	-Conti	inued					
GRAINS—Continued													
Rice—Continued Receipts, southern paddy, at mills													
thous. of bbl. (162 lb.) Shipments to mills, total	628	703	343	223	421	862	1,606	1, 189	713	687	747	821	1,032
thous. of pockets (100 lb.) New Orleansthous. of pockets (100 lb.) Stocks, domestic, end of month	821 54	698 80	602 46	526 66	650 96	736 83	1, 014 90	1,004 97	834 83	838 67	750 48	1,058 72	• 1, 108 19
thous. of pockets (100 lb.)	1,650	1, 825	1, 628	1, 353	1,040	1, 225	1,915	2, 177	2, 107	2,013	2, 036	1,856	1, 833
Exports, including flourthous. of bu- Price, No. 2, Minneapolisdolls. per bu- Production, crop estimatethous. of bu-	. 52 • 30, 374	228 .39	293 . 32	259 . 32	.34	.34	. 32	.31	.31 139,855	. 33	. 32	.35	. 43
Receipts, principal markets*thous. of bu Visible supply, end of month* thous. of bu Wheat: Exports:	5, 211 8, 806	882 9, 416	344 9, 368	353 8, 955	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
Wheat, including flourthous. of bu. Wheat onlythous. of bu. Value, wheat and flour. (See Foreign Trade.)	1, 523 14	8, 831 <b>7,</b> 284	8, 086 6, 088	4, 841 3, 208	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
Prices, wholesale: No. 1, Northern, Spring, Minn. dolls. per bu	.74	. 68	. 60	. 57	, zo		E.	. 49	40		40	. 53	. 63
No. 2, Red, Winter, St. Louis dolls. per bu	.81	. 56	.49	.47	. 58	.58	.50	.47	.48	.50	, 49 , 49	.55	. 69
No. 2, Hard, Winter, K.Cdolls. per bu_ Weighted average, 6 markets, all grades	.70	. 54	.46	.45	.48	.48	.45	.43	.42	.44	.44	.48	. 60
dolls. per bu  Production, crop estimate, total	. 73	. 61	. 53	.48	. 55	. 55	. 51	. 49	.46	.48	.48	. 53	. 64
Spring wheat thous. of bu- Winter wheat thous. of bu-	-241 017								726, 831 264, 680				
Receipts thous, of bu	*341, 017 23, 310 17, 258	15, 344 15, 942	13, 473 11, 507	41,006 17,294	40, 732 19, 648	38, 410 21, 313	27, 238 17, 540	17, 584 23, 464	7462, 151 13, 859 13, 604	12, 814 8, 375	9,869 7,481	12, 729 10, 246	15, 753 13, 421
Shipments thous of bu- Stocks, visible supply, world thous of bu- Canada thous of bu-	196, 581	488, 200	444, 800 138, 890	408, 200 121, 005	423, 600 108, 522	497, 500 179, 122	528, 700 224, 678	525, 800 231, 342	592, 670 233, 592	643, 550 228, 647	620, 400 223, 439	577, 600 225, 360	522, 330 215, 204
United Statesthous. of bu Stocks, held by mills (quarterly)		a170, 789	166, 651	177, 876	188, 238	193, 931	190, 310	177, 025	168, 958	158, 228	148, 426	136, 724	125, 934
Wheat flour:			77, 936			154, 037			147, 095			116, 910	•••••
Consumption (computed) thous. of bbl. Exports thous. of bbl. Grinding of wheat thous. of bu	321	8, 146 329	7,771 425	8, 116 347	8, 759 365	8, 734 372	10, 156	8, 829 483	10, 130 387	9, 414	8, 513 308	9, 127 351 40, 705	332
Prices, wholesale: Standard Patents, Minndolls. per bbl	4. 86	35, 344 4. 43	35, 805 4. 16	36, 023 4. 02	41, 417	43, 015	42, 880 3. 92	39, 841	38, 007 3. 74	36, 949	33, 133	4.03	42, 442 4. 54
Winter, straights, Kansas City dolls, per bbl.	4.03	3, 35	3. 12	3. 10	3. 24	3. 21	3.00	2.84	2.85	3.00	2.75	3.04	3.48
Production: Flour, actual (Census)thous. of bbl.		7, 739	7,820	7,828	9,005	9, 395	9, 382	8, 719	8, 323	8,077	7, 216	8,867	9, 268
Flour, prorated, total (Russell's) thous. of bbl.		8, 330	8, 056	8, 473	9, 207	9, 851	10, 632	9,812	9, 517	9, 178	8, 781	10, 238	
Offalthous. of lb Operations, percent of total capacity Stocks, total, end of month (computed)		616, 696 49	627,664 48	631,452	731, 368 53	752, 259 60	762, 369 57	691, 984	660, 411	646, 950 52	572, 587 50	709, 357	742, 019 59
thous. of bbl  Held by mills (quarterly)thous. of bbl		4, 830	4, 690 3, 191	4, 700	5, 155	5, 900 4, 245	6,000	6, 500	5,500 4,012	4, 940	4, 900	5, 660 3, 718	
LIVESTOCK AND MEATS			,			Ì			,				
Total meats: Consumption, apparentmills. of lb. Exports, value of meats and fats. (See Foreign Trade.)	1, 110	1,033	1,018	956	1,002	1,096	1,088	1,042	1,014	1,061	919	993	a 1,030
Production (inspected slaughter) mills. of lb	1, 240	1,094	1,000	910	955	1,038	1,059	1,059	1, 172	1, 239	1,019	1,052	1, 106
Stocks, cold storage, end of month total mills. of lb	. 861	1,020	940	844	751	637	544	513	620	717	751	749	a 780
Miscellaneous meatsmills. of lb Cattle and beef: Beef and veal:	51	60	55	52	45	40	37	35	43	47	46	42	45
Consumption, apparent thous. of lb Exports § thous. of lb Price, wholesale:	433, 015 1, 164	369, 054 1, 183	375, 236 1, 211	354, 024 1, 332	364, 867 1, 130	404, 826 1, 018	380, 576 796	357, 250 969	331, 693 943	371, 847 927	343, 608 844	373, 610 1, 135	376, 913 1, 561
Beef, fresh native steers, Chicago dolls, per lb Production, inspected slaughter	. 094	. 119	. 118	. 142	. 144	. 143	. 136	. 124	. 113	. 106	. 105	. 097	.092
thous. of lb Stocks, cold storage, end of month	430, 356	362, 834	369, 524	350, 521	360, 441	404, 123	389, 873	361, 405	332, 357	365, 532	338, 763	370, 562	372, 635
thous. of lb_	30, 373	35, 655	29, 909	26, 719	24, 376	25, 909	36, 036	41, 029	42, 870	39, 550	36, 015	33, 781	₫30, 658
Movement, primary markets:  Receiptsthous of animals. Slaughter, localthous of animals. Slaughter, inspected. (See Leather and leather products.)	1,558 1,006	1, 397 895	1, 338 875	1, 291 783	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
Shipments, totalthous. of animals. Stocker and feederthous. of animals.	534 193	483 4 118	461 105	492 149	656 280	773 390	866 479	735 377	494 210	471 152	407 129	386 97	456 152
Price, wholesale, cattle, corn fed, Chicago dolls. per 100 lb	6.32	6.89	7.38	8.61	8.73	8.96	8.09	7.00	5. 77	5. 09	5. 16	5.44	5, 52
Hogs and products: Hogs:								1					
Movement, primary markets:  Receiptsthous, of animals.  Slaughter, localthous, of animals.  Slaughter, inspected. (See Leather and leather products.)	3, 143 2, 412	3, 050 2, 188	2, 545 1, 773	2, 159 1, 445	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
Shipments, total _ thous. of animals_ Stocker and feeder_thous. of animals_ Price, heavy, Chicago_dolls. per 100 lb_	718 38 4. 57	854 31 3, 26	918 26 3. 70	715 22 4.86	739 21 4, 23	761 21 4. 12	855 23 3. 64	891 26 3. 37	959 20 3.06	975 29 2, 94	803 24 3, 41	715 20 3. 92	714 29 3. 75
Revised. As of Jun	•	-	of Dec. 1		•	•	•	r data see	-	•	•	•	. 0.10

<sup>\*</sup>Revised. \*As of June 1. f As of Dec. 1. § Data revised for 1932. For revision see p. 40 of the June 1933 issue.

 $<sup>^{</sup>ullet}$  New series. For earlier data see p. 20 of the November 1932 issue.

	1000	<u> </u>				000				Ī		333	
Monthly statistics through December 1931, together with explanatory footnotes and refer- ences to the sources of the data, may be found	1933	<u> </u>	1	1	1	932		1		<u> </u>		933	
in the 1932 Annual Supplement to the Survey	May	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
	FOO	DST	JFFS	AND	TOBA	CCO.	-Conti	inued					
LIVESTOCK AND MEATS—Continued		1											
Hogs and products—Continued Pork, including lard:											ĺ		
Consumption, apparentthous. of lb Exports, totalthous. of lb Lardthous. of lb	56, 154	609, 273 53, 657	587, 485 57, 634	551, 136 48, 722	579, 170 42, 815	628, 785 53, 500	62, 827	47, 358	631, 981 59, 558	634, 850 88, 713	523, 896 65, 761	561, 356 58, 351	4596, 65 50, 63
Prices: Hams, smoked, Chicagodolls. per lb_	46, 038	.136	45, 339	34,886	34, 973	44, 789	53, 573	35, 897	49,919	78, 137	57,773	47, 661	38, 74
Lard: Prime contract, N.Ydolls, per lbRefined, Chicago*dolls. per lb		.043	.044	.054	. 055	. 054	.048	.053	.046	.046	.042	.048	.04
Refined, Chicago*dolls. per lb_ Production, inspected slaughter, total thous. of lb_	1	. 053 676, 267	. 056 575, 327	509, 181	536, 291	. 066 571, 476	607, 951	643,777	. 055 789, 467	. 052 819, 244	628, 937	623, 747	677, 37
Lardthous. of ib Stocks, cold storage, end of mo.	100, 410	137, 816	124, 753	103, 411	102, 679	105, 696	112,063	128, 446	163, 864	175, 438	131, 985	127, 436	139, 06
thous, of lb_ Fresh and curedthous, of lb_ Lardthous, of lb_	778, 336 667, 955	923, 969 795, 866	854, 634 724, 271	764, 670 643, 052	679, 453 578, 876	568, 909 498, 253	467, 958 433, 548	433, 644 403, 898	531, 938 490, 850	627, 925 575, 084	667, 503 609, 321	671, 914 610, 240	4702, 25 630, 36
Sheep and lambs: Lamb and mutton:	110, 381	128, 103	130, 363	121,618	100, 577	70, 656	34, 410	29, 766	41,088	52,841	58, 182	61, 674	71,89
Consumption, apparentthous. of lb Production, inspected slaughter	58, 368	54, 868	55, 256	50, 419	58, 415	62, 129	60, 447	53, 421	50, 030	54, 482	51,720	57, 790	456, 419
stocks, cold storage, end of mo.	58, 456	54, 847	55, 268	50, 438	58, 713	62,823	61, 449	53, 366	49, 910	53, 761	51, 400	57, 939	56, 39
thous. of lb  Movement, primary markets:  Receiptsthous. of animals	1,843 2,402	1, 018 2, 429	1,010 2,428	1,012 2,240	1,305 2,919	1, 983 3, 239	2, 974 3, 265	2, 904 2, 203	2, 767 1, 657	2,029	1,683 1,795	1, 818 1, 844	•1, 773 2, 097
Slaughter, localthous. of animals Slaughter, inspected. (See Leather and leather products.)	1,319	1,360	1,338	1, 199	1, 447	1,330	1,340	1, 107	919	1,083	1,020	1,099	1, 15
Shipments, totalthous. of animals Stocker and feederthous. of animals Prices, wholesale:	1, 081 125	1,072 100	1, 087 172	1,049 181	1, 457 460	1,892 535	1,900 803	1, 145 501	749 196	820 108	776 82	747 65	948 107
Ewes, Chicago dolls. per 100 lb. Lambs, Chicago dolls. per 100 lb. Poultry and eggs:	1. 88 6. 10	1. 50 5. 18	1. 53 5. 75	1. 50 5. 91	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
Eggs: Receipts, 5 marketsthous. of cases_ Stocks, cold storage, end of month:	2, 502	1,971	1,496	1,082	1,035	853	738	605	618	1,050	988	1, 639	2, 28
Casethous. of cases Frozenthous. of lb_	8, 047 84, 358	5, 380 94, 978	6, 339 100, 485	6, 431 99, 112	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	44, 857 62, 944
Poultry: Receipts, 5 marketsthous. of lb	23, 123	18, 763	20, 460	18, 476	21,751	24, 739	32, 140	73, 950	74, 866	30, 153	21, 975	17,879	18, 617
Stocks, cold storage, end of mo. thous. of lb	38, 096	44, 829	36, 661	31, 471	30, 305	36, 683	54, 989	91, 118	111,642	104, 833	88, 675	67, 285	45, 82¢
TROPICAL PRODUCTS Cocoa:													
Importslong tons Price spot, Accra, N.Ydolls. per lb Shipments, Gold Coast and Nigeria	14,801 .0450	10, 617 . 0435	7, 371 . 0419	9, 515 . 0447	7, 989 . 0475	20, 212 . 0488	19, 642 . 0428	19,730 .0408	19, 873 . 0383	25, 181 . 0367	22, 853 . 0358	14,471	20, 324 . 0388
Shipments, Gold Coast and Nigeria long tons	18,028	7, 075	8, 445	13, 256	10, 808	9, 481	22, 220	34, 486	52, 193	51, 234	29, 577	25, 349	17, 739
Clearances from Brazil, total. thous. of bags To United Statesthous. of bags	1, 197 625	1, 263 735	865 448	520 227	612 301	798 385	1,339 657	894 390	962 403	1,303 784	1, 117 655	1, 245 678	1, 110 59
Imports into United States_thous. of bags_Price, Rio No. 7, N.Ydolls. per ib_Receipts at ports, Brazilthous. of bags_Stocks, world total, incl. interior of Brazil	1, 187 . 082 1, 631	1,056 .084 1,564	1,079 .081 1,229	671 .079 885	601 . 085 814	782 . 094 . 926	923 . 088 1, 155	935 . 082 1, 196	945 . 084 1, 785	911 .083 1,315	1,083 .085 1,401	1, 109 . 082 1, 792	925 . 078 1, 588
thous, of bags	1,001	33, 456	31, 683	(‡)	(‡)	(‡)	31,828	31, 612	31,005	29, 819	28, 956	27, 282	
Visible supply, total excl. interior of Brazil thous. of bags	5, 754	5, 751	5, 468	5, 292	5, 152	4,975	5, 415	5, 287	5, 508	5, 154	5, 286	5, 778	5, 888
United Statesthous. of bags_ Sugar: Raw sugar:	821	877	990	765	643	596	624	584	562	545	714	703	73
Cuban movement: Exportslong tons		110, 744	134, 690	190, 983	291, 832	84, 873	114, 282	98, 478	94, 103				
Receipts at Cuban portslong tons Stocks, total, end of month thous, of long tons	2, 825	82, 586 3, 155	111, 873 2, 922	106, 496 2, 666	141, 147 2, 195	76, 992 2, 038	76, 727 1, 838	64, 693 1, 653	62, 549 1, 535	1, 444	2,062	2, 911	2,885
United States: Meltings, 8 ports  long tons_ Price, wholesale, 96° centrifugal, New	361, 308	326, 624	386, 370	364, 664	352, 650	400, 486	280, 791	232, 828	212, 808	215, 768	224, 948	342, 037	345, 677
Yorkdolls. per lb	. 033	. 026	. 028	. 030	. 032	.031	. 032	. 030	. 029	. 027	. 028	.030	.031
Receipts: From Hawaii and Pto. Ricolong tons Imports §long tons	185, 062 305, 753	226, 859 229, 812	160, 147 154, 269	150, 815 189, 193	141, 275 326, 859	107, 743 220, 721	87, 802 151, 139	46, 544 139, 146	37, 213 136, 805	86, 809 170, 779	125, 149 163, 821	170, 909 258, 951	227, 499 308, 660
Stocks at refineries, end of mo.† long tons	426, 714	483, 487	433, 151	380, 430	393, 734	313, 670	256, 180	193, 899	152, 131	147, 879	200, 163	281, 051	367, 54
Refined sugar:  Exports, including maple §long tons  Price, retail, gran., N.Ylolls. per lb	3, 090 . 049	5, 538 , 045	5, 345 . 045	3,713 .046	2, 788 . 048	2, 526 048	3, 538 . 049	2,969 .049	2, 616 . 049	2, 470 , 049	2, 768 . 047	3, 325 . 048	2, 854 . 048
Price, wholesale, gran., N.Y.dolls. per lb Shipments, 2 portslong tons	. 044 76, 163	. 037 67, 923	. 037 179, 040	. 040 76, 649	. 041 75, 990	. 042 51, 423	. 041 46, 070	. 042 77, 390	. 041 88, 569	. 039 83, 876	. 038 94, 278	. 041 52, 654	. 049 66, 774
Stocks, end of month, 2 ports_long tons_ Tea:	32,826	46, 173	92, 279	39,903	38, 011	39, 327	39, 560	66, 431	71,385	59, 315	65, 767	26, 046	25, 60
Importsthous. of lb_ Price, wholesale, Formosa, fine, N.Y. dolls. per lb_	7, 295	4, 566 . 185	7, 277 . 163	6, 278	8, J04 . 175	9, 405	9, 353	. 175	9, 817 . 175	9,038	5, 70 . 175	6,635	7, 067 . 178
MISCELLANEOUS PRODUCTS													
Candy sales by manufacturers_thous. of dolls_Fish:	14, 193	14,877	12, 533	9, 098	14, 076	21, 255	21, 219	20, 613	19, 734	16, 104	15, 506	14,852	a15, 033
Landings, fresh fish, principal ports thous. of lb		27, 083	24, 737	26, 998	31, 847	31, 265	33, 069	18, 653	14, 038	17, 270	22, 325	24, 158	28, 426
Salmon, canned, shipmentscases Stocks, total, cold storage, 15th of month thous. of lb		264, 107 28, 622	378, 040 34, 304	i '	1,014,716 51, 345	1,098,118 59, 209	63, 167	281, 139 62, 168	395, 267 55, 749	282, 104 45, 756	631, 818 a 35, 469	516, 749 25, 855	419, 335
• Revised.	, 010	, 044	, 04,002		•	ata not a		, 52, 200	,	,		, _0,000	20,000

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

<sup>†</sup> 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				19	932					19	933	
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Мау	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
	FOO	DSTU	IFFS	AND	това	ACCO	Cont	inued					
TOBACCO Leaf:													
Exports §thous. of lb_ Imports, unmanufacturedthous. of lb_	20, 251 2, 669	30, 195 2, 823	30, 840 2, 242	26, 762 2, 421	24, 257 1, 695	42, 419 1, 614	59, 103 2, 247	47, 180 4, 950	31, 842 4, 147	28, 403 16, 392	25, 796 7, 397	36, 725 9, 910	38, 713 4, 285
Production, crop estimatethous. of lb Stocks, total, including imported types									1,015,512				
(quarterly)mills. of lb Flue-cured, fire-cured, and air-cured			2, 239			2,095		!	2, 145			2, 278	
Cigar typesmills. of lb Manufactured products:			1, 715 427			1,606 403			1, 679 383			1,785 389	
Consumption (tax-paid withdrawals):	12,823	8, 685	10, 560	9, 534	9, 559	9, 311	8, 351	7, 614	7, 319	8,622	7,854	7, 974	7, 973
Small cigarettes millions Large cigars thousands Manufactured tobacco and snuff	371, 373	368, 553	400, 406	361, 240	401, 143	405, 419	436, 832	419, 173	254, 136	296, 640	287, 430	290, 111	321, 279
Exports, cigarettesthous.of lb		27, 810 268, 304	30, 678 177, 959	26, 733 195, 923	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
Prices, wholesale:  Cigarettesdolls. per 1,000  Cigarsdolls. per 1,000	4. 851	6.042	6.042	6.042	6.042	6.042	6.042	6.042	6.042	5. 292	4.961	4. 851	4.851
Cigarsdons. per 1,000	46.062	49. 249	49. 249	49. 247	49, 135	48. 685	48. 685	48. 685	48. 685	48. 685	46. 062	46.062	46.062
		FUE	ELS A	ND B	YPR	ODU	CTS	1	ī		1		
COAL Anthracite:				}									
Exportsthous. of long tons Prices:	31	92	62	100	82	112	112	92	89	67	80	60	38
Retail, composite, chestnut dolls, per short ton	11. 25	13. 11	13. 17	13. 16	13. 28	13. 52	13. 58	13. 60	13. 65	13. 61	13. 53	13.48	13.00
Wholesale, composite, chestnut # dolls. per short ton Productionthous. of short tons	9. 666 2, 972	10. 515 3, 278	10. 491 2. 550	10. 341 3, 021	10. 541 3, 465	10. 774 4, 108	10.909 5.234	10. 932 4, 271	10. 921 5, 089	12. 228 3, 807	12. 228 4, 275	10. 874 4, 519	10.095 2.891
Shipments thous of short tons. Stocks, in storage thous of short tons.	2, 508 433	2, 901 1, 906	2, 550 2, 227 2, 076	2, 778 2, 081	3, 050 2, 250	3, 664 2, 263	5, 234 4, 758 2, 261	3, 881 2, 164	4, 512 1, 732	3, 326 1, 236	3, 782 792	3, 866 511	2, 891 2, 461 457
Stocks, in yards of dealers, end of month no. of days' supply			52			60	42		34	46		32	
Bituminous: Consumption:	0.054	0 500	0.004	0.055	0.100	0.000	0.010	0.450	0.500	0.700	0.500		0.400
Coke plants thous. of short tons. Electric power plants † thous. of short tons.	2,854	2, 588 2, 261	2, 284 2, 347	2, 257 2, 330	2, 190 2, 517	2, 303 2, 558	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, 075
Railroadsthous. of short tons  Vessels, bunkerthous. of long tons	103	4, 366 110	3, 965 110	3, 976 104	4, 057 109	4, 375	5, 096 98	4, 769	5, 080	4, 682 59	4, 492	4, 481 58	4, 248 65
Exportsthous. of long tons Price, retail composite, 38 cities	722	662	667	708	858	833	1,012	948	453	337	311	287	435
dolls. per short ton Prices, wholesale:	7. 39	7.60	7. 53	7. 50	7. 52	7. 54	7. 60	7. 59	7. 51	7.46	7.44	7. 43	7. 36
Composite, mine run_dolls. per short ton Prepared sizes (composite)	3. 497	3. 640 3. 599	3. 624 3. 604	3. 628	3. 617	3. 596	3. 613	3. 597 3. 657	3. 582	3. 566	3. 555	3.549	3.503
dolls. per short ton  Productionthous. of short tons Stocks, consumers, end of month	3, 416 22, 346	18, 384	17, 749	3. 569 17, 857	3, 554 22, 489	3. 568 26, 314	3. 643 32, 677	30, 632	3. 642 31, 110	3. 614 27, 060	3. 598 27, 134	3. 581 23, 685	3. 416 a 19, 523
thous. of short tons			26, 300			27, 504	30, 038		29, 666	29, 046		23, 608	
COKE		OF.						,				00	
Exportsthous. of long tons_ Price, furnace, Connellsville	1. 75	25 2. 21	53 2, 13	61 2, 12	87 2.08	2,08	2.05	51 1.91	1, 88	1.88	1.81	23 1.75	14 1. 75
dolls. per short ton  Production: Beehivethous. of short tons	47	45	41	38	41	46	68	81	96	82	84	93	47
By-product thous. of short tons Petroleum thous. of short tons	1, 921	1, 743 159	1, 537 145	1, 523 153	1, 474 150	1, 544 150	1, 739 155	1,752 147	1, 786 150	1, 785 95	1,639 107	1, 666 147	1, 656 138
Stocks, end of month:  By-product plantsthous. of short tons  Petroleum, refinerythous. of short tons	2, 975	3, 615 1, 554	3, 742 1, 537	3, 975 1, 544	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
PETROLEUM AND PRODUCTS		1,001	1,007	1,011	1,010	1, 101	1, 101	1,000	1,550	1, 200	1,112	1, 148	1, 148
Crude petroleum: Consumption (run to stills)thous, of bbl		74, 669	72, 327	71, 455	67, 271	63, 913	66, 698	65, 504	65, 998	66, 093	61,042	67, 984	40 000
Importsthous, of bbl. Price, Kansas-Oklahomadolls. per bbl.	2, 206 . 276	5, 089 . 860	7, 865 . 860	1, 525	1,862	1, 893	2, 455 . 860	1, 963	2, 746 . 745	2, 831 . 530	2,369	3,803 3,803	68, 822 2, 910 . 380
Production thous of bbl. Refinery operations pct. of capacity		68, 523 67	64, 835 67	66, 310	66, 220 61	65, 036	65, 219 61	63, 384	58, 044 60	63, 998	61,029	75, 302 63	65, 313 67
Stocks, end of month: California:													•
Heavy crude and fuel oil_thous. of bbl_ Light crudethous. of bbl_	l	92, 940 42, 737	93, 605 40, 938	94, 256 40, 405	94, 895 40, 149	95, 048 40, 367	95, 457 39, 996	95, 322 40, 264	95, 933 39, 340 293, 278	95, 765 39, 297	95, 590 39, 968	94, 554 39, 909	95, 349 39, 516
East of California, totalthous. of bbl Refineriesthous. of bbl Tank farms and pipe lines.thous. of bbl	1	319, 552 45, 277 274, 275	316, 995 47, 403 269, 592	312, 130 44, 641 267, 489	309, 011 43, 287 265, 724	307, 523 40, 507 267, 016	305, 709 39, 329 266, 380	301, 331 47, 568 253, 763	293, 278 47, 902 245, 376	290, 404 47, 100 243, 304	289, 342 46, 797 242, 545	295, 349 48, 889	289, 933 48, 997
Wells completednumber_ Mexico:		968	993	1, 279	1, 145	913	825	855	793	639	485	246, 460 486	240, 936 472
Exports thous, of bbl. Production thous, of bbl.		1, 843 2, 925	2, 178 2, 705	1, 482 2, 506	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	3,008
Venezuela: Exportsthous. of bbl Productionthous. of bbl		11, 260	10, 313	8, 394	8, 124	8,087	7, 794	8, 377	9, 104	9, 582	8, 661	10,076	9, 340
Productionthous. of bbl Refined products: Gas and fuel oils: Consumption:	9, 133	10, 648	10, 579	9, 551	9, 430	8,803	9, 171	8,767	9, 309	9, 699	8,834	9,945	9, 058
Electric power plants†thous. of bbl Railroadsthous. of bbl		555 2, 963	637 2, 825	707 2,855	755 2, 703	780 2, 898	731 3, 345	625 3, 019	703 3, 077	649 2, 882	580 2, 699	670 2, 785	648 2, 809
Vessels, bunkerthous. of bbl_ Price, fuel oil, Oklahoma, 24-26 refineries	2, 726	3, 243	3,714	3, 248	3,066	3, 350	2, 916	2, 763	2, 751	2, 882 2, 702	2,779	2, 813	2, 826
dolls. per bbl # Price converted to she		. 435	. 419	.400	.415	.425	.470 or vear 19	. 563		.475	.425	. 363	. 331

<sup>#</sup> Price converted to short-ton basis.

Revised.

As of Dec. 1.

<sup>†</sup> For revised data for year 1932, see p. 42 of the May 1933 issue. § Data for 1932 revised. For revisions for full year of 1932 see p. 42 of the June 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	May	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
	$\mathbf{FU}$	ELS .	AND I	BY P	RODU	CTS-	-Conti	nued					
PETROLEUM AND PRODUCTS-Con.						:							
Refined products—Continued Gas and fuel oil—Continued			:										
Production:  Residual fuel oil*thous. of bbl		20, 030	19, 105	19, 526	17, 793	17, 403	17, 113	18, 068	18, 491	18, 578	17, 156	19, 246	19, 145
Gas oil and distillate fuels* thous. of bbl Stocks:		5, 890	5, 207	5, 191	5, 519	5, 665	6, 382	5, 582	5, 980	6, 885	6, 451	6, 845	5, 751
Residual fuel oil, east of California* thous. of bbl		24, 237	24, 807	26, 353	26, 829	26,000	23, 494	21, 874	19, 928	18, 911	18, 069	17, 714	17, 230
Gas oil and distillate fuels, total* thous. of bbl		12, 396	13, 477	15, 408	16, 971	17, 905	18, 495	16, 775	14, 110	12, 683	11, 549	11, 557	11, 39
Gasoline: Consumptionthous. of bbl		31, 571	38, 766	31, 317	35, 207	33, 645	32, 255	30, 294	27, 191	26, 442	23, 312	28, 227	30, 176
Exportsthous. of bbl Exports, value. (See Foreign Trade.) Price, wholesale:	1, 955	4, 418	3, 369	2, 200	2, 260	2, 569	2, 213	2, 356	1,830	2, 251	1,729	1,829	3, 024
Drums, delivered, N.Ydolls, per gal Refinery, Oklahomadolls. per gal	. 145 . 026	. 140 . 052	. 130 . 054	. 135 . 051	. 139	. 150 . 046	. 144	. 153	. 151	. 135	. 135 . 026	. 135	. 148 . 028
Price, retail, service station, 50 cities dolls, per gal		. 137	. 142	. 140	. 137	. 125	. 130	. 130	. 126			! 	 
Production: At natural gas plantsthous. of bbl		3, 079	2,812	2, 812	2, 819	2, 793	2, 924	2, 855	2,888	2,876	2, 543	2,771	2, 674
At refineriesthous. of bbl Retail distribution (41 States) †		34, 599	33, 312	33, 705	32, 883	30, 908	33, 212	32,072	31, 254	30, 508	27, 676	27, 676	31, 921
mills. of gal  Stocks, end of month:  At natural gas plantsthous. of bbl		952 1, 054	1, 109	963 757	1,057	997 586	975 576	858	801 449	768 539	690	810 752	01/
At refineriesthous. of bbl_ Kerosene:		45, 246	38, 526	38, 959	36, 700	32,806	32, 207	32, 720	35, 404	37,691	651 35, 652	35, 882	35, 881
Consumption thous. of bbl. Exports thous. of bbl.	598	2, 814 858	2, 128 1, 068	1, 854 858	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, 928 69
Price, 150° water white, refinery, Pa. dolls. per gal.	. 045	. 052	. 051	. 050	. 049	.048	.048	.048	.048	1 .049	.048	. 048	.047
Production thous. of bbl. Stocks, end of month thous. of bbl.		4, 092 4, 812	3, 523 5, 134	3, 629 6, 033	3, 497 6, 247	3, 449 6, 018	3, 463 5, 465	3, 801 4, 672	4, 097 4, 974	4, 363 4, 794	3, 691 4, 574	3,877 4,827	4, 046 5, 230
Lubricating oil:  Consumptionthous. of bbl_ Price, cylinder oil, refinery, Pa.		1, 535	3, 054	1, 011	951	932	1, 143	1, 115	1,042	859	1, 101	1, 143	1, 390
dolls, per gai	. 134	. 174	. 178	. 180	. 177	. 159	. 108	. 131	. 133	. 133	. 119	. 113	. 116
Productionthous. of bbl_ Stocks, refinery, end of month	- <b>-</b>	2,036	2, 290	1,958	1,587	1,648	1,713	1,644	1,625	1,827	1,621	1,794	1,871
Other products: Asphalt:		8, 809	7, 323	7, 991	7, 965	8, 182	8, 289	8, 245	8, 375	8,796	8,812	8,712	8, 330
Importsthous. of short tons_ Productionthous. of short tons_	2	$\begin{array}{c} 2 \\ 250 \end{array}$	4 6 255	<sup>a</sup> 1 234	232	239	1 229	177	1 141	3 102	0 95	3 124	152
Stocks, refinery, end of month thous. of short tons Coke. (See Coke.)		414	409	386	298	292	248	280	276	272	294	304	306
Wax: Productionthous. of lb	<b>_</b>	39, 760	36, 400	31,640	38, 920	36, 680	31, 360	33, 320	35,000	36, 680	28,000	36, 400	37, 800
Stocks, refinery, end of month thous. of lb		194, 973	198, 526	202, 023	206, 461	200, 581	188, 637	180, 441	163, 628	160, 240	147, 849	136, 785	124, 927
		I	ATHE	D AN	D DD	ODII	ame	<u> 1</u>	1	<u> </u>	l		1
		ينظرار	ATHE	K AN	D PK		713	1				 	<u> </u>
HIDES AND SKINS	29, 292	16 798	17 366	10 174	9 617	9 545	16 700	91 777	19 MA	14, 728	19 016	14 256	17 516
Imports, total hides and skinss_thous. of lb_Calf and kip skins_thous. of lb_Cattle hides_thous. of lb_	4, 606 10, 432	16, 786 1, 869 5, 138	17, 366 2, 575 4, 120	10, 174 2, 867 1, 007	8, 617 2, 691 1, 238	8, 545 3, 337 985	16, 700 2, 829 6, 871	21,777 3,099 6,636	18, 046 2, 350 4, 776	2, 591 3, 288 4, 795	12, 916 1, 987 2, 545	14, 256 1, 816 3, 127	17, 516 3, 445 4, 463
Goatskins thous of lb_Sheep and lamb skins thous of lb_	3, 759 5, 909	6, 082 2, 544	6, 126 3, 081	3, 432 1, 760	2, 009 1, 625	2, 106 1, 011	4, 183 1, 464	3, 677 5, 585	5, 303 3, 653	4, 795 2, 127	4, 266 2, 688	5, 454 2, 090	6, 222 1, 150
Livestock, inspected slaughter:		399	394	324	362	366	389	376	327	345	317	398	426
Cattle thous. of animals. Hogs thous. of animals. Sheep thous. of animals.		616 3, 940	638 3, 320	614 2,802	633 1, 579	718 3, 252	694 3, 605	627 3, 778	567 4,584	612 4,700	569 3, 647	617 3, 602	616 3, 847
Prices, wholesale:		1, 444	1,529	1, 384	2, 970	1,667	1, 601	1,388	1, 264	1, 332	1, 250	1, 413	1,409
Packers, heavy native steers, Chicago dolls. per lb Calfskins, No. 1 country, Chicago	. 098	. 043	. 043	. 049	.066	.081	. 073	. 065	. 055	. 054	. 048	. 052	. 062
dolls. per lb	. 121	. 045	. 046	.049	. 063	. 076	.082	.068	. 061	. 066	. 061	. 066	. 076
Exports:	123	172	125	160	155	137	130	222	137	134	86	162	168
Sole leather thous. of lb. Upper leather thous. of sq. ft. Production:	5, 192	5, 481	4, 343	4, 522	4,715	6, 162	5, 807	5,748	5, 276	4, 484	5, 071	6, 005	4, 541
Calf and kip* thous. of skins. Cattle hides* thous. of hides Goat and kid* thous of skins. Sheep and lamb* thous of skins.		759 1, 049	934 1,060	1, 129 1, 030	1, 232 1, 082	1, 180 1, 272	1, 126 1, 325	946 1,330	894 1, 311	839 1, 276	871 1, 233	920 1,303	822 1, 175
Sheep and lamb*thous. of skins  Sheep and lamb*thous. of skins		2, 959 1, 598	2, 939 1, 623	2, 724 1, 560	3, 379 2, 170	2, 571 2, 907	2, 651 4, 002	2, 835 3, 212	3, 205 1, 797	3, 431 1, 897	3, 320 2, 163	3, 451 2, 123	2, 770 1, 847
Sole, oak, scoured backs (Boston)	. 29	60	97	07	07	00	no.	90	O.P	OF	00	an	
dolls. per lb_ Upper, composite, chrome, calf, black, "B" gradedolls. per sq. ft	. 29	. 28	. 27	.27	. 27	. 28	. 29	. 28	. 26	. 25	. 23	. 23	. 23
LEATHER MANUFACTURES	. 401	. 200	.241	. 200	. 240	. 200	. 202	. 200	. 242	. 200	. 200	. 200	. 241
Gloves and mittens:		1											
Production (cut), totaldozen pairs_ Dress and streetdozen pairs_ Workdozen pairs_		100, 402 43, 535	104, 979 47, 618 57, 361	99, 806 50, 965 48, 841	156, 121 77, 989	223, 879 104, 471 119, 408	294, 668 132, 222 162, 448	269, 609 128, 020	181, 693 70, 608 111, 085	142, 476 53, 152 89, 324	152, 378 72, 106 80, 272	166, 375 83, 188 83, 187	190, 893 101, 987 88, 906

<sup>•</sup> 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.

conthly statistics through December 1931, together with explanatory footnotes and refer-	1933			<del> </del>	19	32					19		
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Мау	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
	LE	ATHE	R AN	D PR	odu	CTS—	$\mathbf{Contin}$	ued					
LEATHER MANUFACTURES—Contd.													
hoes: Exportsthous. of pairs_ Prices, wholesale:	57	84	60	42	76	58	67	74	70	35	41	71	,
Men's black calf blucher, Boston	5. 50	5. 75	5. 75	5.75	5. 75	5. 75	5. 75	5. 50	5. 50	5. 50	5. 50	5. 50	5.
Women's colored calf, Goodyear welt, oxford, average dolls. per pair	3. 85 3. 27	4. 25 3. 50	4. 05 3. 43	3. 85 3. 35	3. 85	3. 85 3. 35	3. 85 3. 35	3. 85 3. 35	3. 85 3. 30	3. 85 3. 25	3. 85 3. 25	3. 85 3. 25	3. 3.
Men's thous of pairs  Boys' and youths' thous of pairs  thous of pairs  boys' and youths' thous of pairs		22, 497 5, 424 1, 112	23, 562 5, 851 1, 183	20, 442 5, 135 1, 181	30, 785 6, 822 1, 613	33, 885 7, 886 1, 846	33, 070 8, 044 1, 997	25, 149 6, 917 1, 810	20, 096 5, 397 1, 513	22,717 5,763 1,442	26, 384 6, 092 1, 448	4 28, 576 4 6, 837 1, 532	27, 5 6, 2 1, 6
ford, average		7, 528 2, 469 2, 382	7, 884 2, 527 2, 601	7, 825 2, 173 2, 220	13, 670 2, 598 3, 426	13, 644 3, 023 4, 688	11, 213 3, 020 5, 929	5, 470 2, 284 6, 405	5, 938 1, 976 3, 255	9, 283 2, 482 1, 368	11, 360 2, 879 1, 852	a 11, 608 a 3, 081 a 2, 399	10, 6 2, 9 2, 6
All other footwearthous. of pairs.	·		3, 516	1,907	2, 656	2,798	2,867	2, 263	2, 017	2, 378	2,752	3, 119	3, 4
	I	LUMB	ER A	ND M	IANU	FACT	URES	<del>}</del>	I	1		1	ı
LUMBER  Exports, all types*	89, 304	78, 024	73, 145	63, 917	55, 163	65, 267	79, 639	62, 637	68, 322	70, 582	49, 626	67, 719	75, 1
tetail movement:  Retail wards, Ninth Fed. Res. Dist.:		5, 207	6, 609	5, 867	6,703	6, 484	6,730	4, 808	1, 916	1, 685	1, 237	1, 952	3.6
Sales M ft.b.m. Stocks, end of month M ft.b.m. Retail yards, Tenth Fed. Res. Dist.: Sales M ft.b.m. Stocks, end of month M ft.b.m.	58, 122 2, 506	68, 381 1, 743	66, 826 1, 751	65, 402 1, 922	63, 216 2, 319	60, 992	58, 329 2, 411	55, 911 1, 785	54, 295 1, 281	54, 292 1, 615	54, 949 1, 530	56, 253 1, 662	57, 2
Stocks, end of month	28, 059	32, 366	31, 965	31, 460	30, 247	29, 294	28, 683	28, 324	28, 105	27, 371	27, 214	27, 031	28,0
faple, beech, and birch:													
New M ft.b.m. Unfilled, end of month M ft.b.m. Production M ft.b.m. Shipments M ft.b.m. Stocks, end of month M ft.b.m.		2, 030 4, 102 2, 179	2, 457 4, 317 2, 598	2, 117 3, 946 1, 264	2,893 4,022 1,067	3, 179 5, 102 1, 545	1,920 4,793 1,718	1,390 3,968 1,624	1,588 4,269 1,736	1, 155 3, 432 1, 359	1, 083 3, 206 784	1, 501 3, 420 736	2, 4 3, 8 1, 0
Shipments M ft.b.m Stocks, end of month M ft.b.m Dak:		2, 325 22, 852	2, 281 22, 898	2, 264 22, 216	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, 0 17, 2
Orders: New M ft.b.m Unfilled, end of month M ft.b.m.	22, 645 22, 418	11, 147 12, 444	9, 130 9, 355	7, 120 6, 683	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, 6 15, 5
Production         M ft.b.m           Shipments         M ft.b.m           Stocks, end of month         M ft.b.m	1 12.404	11, 683 12, 939 52, 598	10, 334 10, 253 51, 336	6, 977 7, 699 51, 143	11, 008 11, 626 53, 067	11, 087 11, 739 53, 729	10, 574 10, 657 50, 418	8, 136 5, 918 53, 138	5, 926 4, 327 54, 752	5, 501 4, 433 55, 200	5, 784 6, 074 55, 171	4, 959 7, 573 52, 130	7, 5 9, 4 50, 1
Hardwoods													
Iardwoods (Southern and Appalachian districts): Total:													
Orders: Newmill.ft.b.m Unfilled, end of monthmill.ft.b.m	·'	101 270	90 242	83 227	114 265	154 275	113 256	101 246	68 252	79 238	90 230	98 226	1
Production mill.ft.b.m. Shipments mill.ft.b.m. Stocks, total, end of month mill.ft.b.m.		2, 622	94 98 2,610	71 86 2,550	59 102 2, 498	68 135 2, 417	68 128 2, 323	68 105 2, 260	49 75 2, 217	60 86 2, 166	60 86 2,118	64 98 2, 058	1,9
Unsold stocksmill.ft.b.m Gum: Orders, unfilled, end of month		2, 351	2, 368	2,323	2, 234	2, 141	2,066	2,015	1,965	1,928	1,888	1,832	1,7
Stocks, total, end of month mill.ft.b.m. Unsold stocks mill.ft.b.m.	.	68 536 468	62 546 484	532 471	73 538 466	75 523 448	65 481 416	65 460 395	65 451 386	52 440 388	51 425 374	52 411 358	3
Oak: Orders, unfilled, end of month mill.ft.b.m		67	57	52	76	76	69	61	53	71	73	67	
Stocks, total, end of month mill.ft.b.m Unsold stocks		703 636 2, 196	699 643	683	661 585	634 559 933	624 554	608 547	600 547	614 543	594 521	584 517	4
Production M ft.b.m. Shipments M ft.b.m.  Softwoods		6, 735	2, 421 8, 490	1, 683 6, 732	1, 538 7, 138	11,536	526 10, 968	1,063 8,729	1, 396 6, 523	4, 519 9, 351	6, 647 8, 892		
Fir. Douglas: Exports: Lumber	35, 795	19, 326	24, 603	19, 221	18, 276	21, 035	04 000	10.005	02 204	05 700	15 950	94 070	
Timber Mft.b.m	24, 478	18, 233	7,377	8,546	18, 172	14, 453	24, 809 23, 647	19, 085	23, 326 24, 588	25, 720 17, 720	15, 379 17, 865	24, 878 34, 425	31, 3 28, 3
New M ft.b.m Unfilled, end of month M ft.b.m Prices, wholesale:		107, 883 71, 176	104, 750 60, 432	57, 747	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		134, 2 120, 4
No. 1 common dolls. per M ft.b.m. Flooring, 1 x 4, "B" and better dolls. per M ft.b.m.	. 22.42	9.63	20, 50	9.37 20.64	20.02	20.60	8.93 21.22	20.80	20.68	20.61	9.50 21.58	21. 30	21.
Production Mft.b.m. Shipments Mft.b.m. Hemlock, northern:	1	ŀ	88, 634 111, 464	79, 681 95, 797	89, 977 105, 645	96, 244 111, 464	113, 255	94, 454 105, 645	81, 920 82, 815	93, 558 96, 244	97, 587 104, 302	105, 645 119, 970	115, 6 140, 1
Production M ft.b.m. Shipments M ft.b.m. Pine, northern:		4, 931	1, 567 6, 587	388 5, 412	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		
Orders, new         M ft.b.m           Production         M ft.b.m           Shipments         M ft.b.m	13, 011 7, 035 11, 984	6, 286 6, 689 7, 969	10, 428 4, 406 11, 788	5, 046 2, 234 5, 826	7, 605 3, 809 6, 657	6, 824 2, 628 6, 482	8, 792 3, 336 9, 783	6, 139 1, 296 6, 298	4, 643 0 5, 403	4, 218 0 4, 126	4, 954 0 4, 379	5, 050 0 4, 966	1, 2
¶ Data for July, October, December 1932 ar New series. See p. 20 of November 1932 i	d March	1933 are f	or 5 week	s; other n	onths, 4	weeks.					•		

Monthly statistics through December 1931,	1933				19	32					193	3	
together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Мау	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
]	LUME	ER A	ND N	IANU	FACT	URE	S—Cor	tinued					
LUMBER—Continued Softwoods—Continued													
Pine, southern:       Exports:         Lumber §	24, 979 7, 582	27, 288 4, 772	21, 634 8, 921	23, 985 6, 173	19, 224 3, 695	21, 460 5, 621	24, 781 6, 902	20, 109 2, 278	24, 454 6, 787	20, 876 5, 254	18, 232 5, 024	17, 300 7, 684	21, 42 4, 83
New M ft.b.m Unfilled, end of month M tt.b.m Price, flooring dolls. per M ft.b.m. Production M ft.b.m. Shipments M ft.b.m. Redwood, California:	179, 843 92, 049 18. 56 115, 783 154, 498	102, 802 61, 740 19, 60 100, 303 101, 528	95, 947 43, 572 19, 52 90, 634 99, 619	90, 715 45, 724 18. 35 83, 239 94, 038	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, 85 67, 41 17, 5 88, 75 110, 01
Orders:         M         ft.b.m.           New		14, 887 22, 153 10, 702 16, 326	12, 300 18, 456 11, 329 14, 857	10, 791 19, 334 8, 057 9, 470	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, 96 19, 11 9, 80 15, 73
Household: All districts: Plant operations *percent of normal_ Grand Rapids district:	37. 0	23. 0	28. 0	24. 0	26. 0	39. 0	44. 0	43. 0	39. 0	33. 0	27. 0	18. 0	27.
Orders: Canceledpercent of new orders. Newno. of days' production. Unfilled, end of monthno. of days' production.	8.0 8 7	18.0 6	8.0 6 7	4.0 11 10	6. 5 10 10	7. 5 14 11	9.0 11 9	13.0 8	18. 0 5	7. 0 9 7	7. 0 6 5	13. 0 6 5	7.
Outstanding accounts, end of monthno. of days' sales Plant operations tpercent of normal Shipmentsno. of days' production Southeastern district:	18 24. 0	21 16. 0 6	19 22. 0 6	21 14. 0 7	21 22, 0	27 31. 0 12	27 34. 0 12	25 33. 0 9	25 33. 0 6	24 22. 5 6	19. 0 7	19 10. 0 5	14.
Orders, unfilled, end of monthdolls., average per firmShipmentsdolls., average per firmPrices, wholesale:		10, 213 25, 814	8, 820 20, 106	20, 850 20, 684	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, 25, 35, 96, 62.
Beds       1926=100         Dining-room chairs, set of 6.       1926=100         Kitchen cabinets       1926=100         Living-room davenports       1926=100         Steel furniture       (See Iron and Steel Section.)	62. 1 89. 5 74. 1 73. 6	68. 6 89. 5 95. 3 69. 8	68. 6 89. 5 95. 3 69. 8	64. 4 89. 5 91. 4 69. 8	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	89. 74. 73.
	]	META	LS A	ND M	IANU.	FACT	URES	3					
IBON AND STEEL													
Foreign trade, iron and steel:  Exports \$long tons Imports *long tons Price, iron and steel	123, 169 26, 295	80, 477 39, 751	52, 093 34, 487	52, 558 18, 496	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, 39 28, 06
composite———dolls. per long ton Sales, iron, steel, and heavy hardware January 1921=100  Ore	28, 45	29. 62 83	29. 54 79	29. 48 72	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. 1 5
Iron ore:  Consumption by furnaces thous. of long tons Importsthous. of long tons Receipts:	1, 266 21	918 80	731 75	645 17	607 25	697 19	735 16	696 40	630 8	661 14	634 7	593 45	77 1
Lake Erie ports and fur- naces————————————————————————————————————	448 353 901	39 79 111	116 105 234	470 78 640	619 88 722	549 172 641	614 220 927	299 57 250	0 0 0	0 0 0	0 0 0	0 0 0	2 8
Stocks, total, end of month thous. of long tons. At furnacesthous. of long tons. Lake Erie docksthous. of long tons. Manganese ore, imports (manganese content)#	28, 314 23, 407 4, 907	32, 700 27, 167 5, 533	32, 159 26, 784 5, 375	32, 059 26, 761 5, 298	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, 84 23, 87 4, 96
thous. of long tons  Iron, Crude, and Semimanufactures  Castings, gray-iron: Orders:		2	4	3	0	U			U			**	
Newav. tons per foundry Unfilled, end of month av. tons per foundry	108 65	56 49	50 48	54 44	61 51	71 58	69 52	56 49	50 41	61 49	64 <b>4</b> 9	59 47	5 6
Productionav. tons per foundry Receipts (materials)av. tons per foundry Stocks (materials)av. tons per foundry Castings, malleable: *	99 145 254	77 85 252	65 90 258	59 72 242	65 83 217	78 96 231	78 103 237	74 96 232	66 64 221	62 67 210	69 90 236	65 86 246	10 23 [ 17, 85
Orders, new short tons. Production short tons. Percent of capacity short tons. Plipments short tons. Plip iron:	24, 671 24, 628 29, 0 23, 077	16, 463 16, 597 19. 5 18, 075	13, 330 15, 018 17. 3 16, 450	8, 658 9, 447 11, 1 11, 359	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, 404 12, 577 14. 8 14, 248	11, 077 13, 575 16. 0 14, 068	12, 380 9, 756 11. 2 10, 967	17, 85 17, 87 21. 16, 66
Furnaces in blast, end of month: Capacitylong tons per day Number Prices, wholesale:	33, 160 63	22, 965 53	18, 955 46	17, 525 46	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, 80 4
Basic (valley furnace)dolls. per long ton Composite pig irondolls. per long ton Foundry, no. 2, northern (Pitts.)	14. 20 15. 45 16. 59	14. 20 15. 05	14. 00 14. 93	13. 50 14. 85	13. 50 14. 81	13. 50 14. 74	13. 50 14. 73	13. 50 14. 71 16. 39	13. 50 14. 69 16. 39	13. 50 14. 68 16. 39	13, 50 14, 68 16, 39	13. 50 14. 68 16. 39	13. 5 14. 7 16. 3
dolls. per long ton Productionthous, of long tons	887	16. 59 784	16.39 628	16. 39 572	16. 39 531	16. 39 593	16.39 645	631	546	10. 39   569   Furnitu	554	542	62

<sup>\*</sup> New series. For earlier data see p. 20 of November 1932 issue (iron and steel imports) and p. 20 of the April 1933 issue (castings). Furniture activity, all districts, not published.

# 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.

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933				193	:2					19	33	
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	May	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
	META	ALS A	ND M	1ANU	FACT	URES	S—Con	tinued					
IRON AND STEEL—Continued Iron, Manufactured Products								!					
Cast iron boilers and radiators: Boilers, gas-fired:	1												
Production thous of B.t.u. Shipments, quantity thous of B.t.u. Shipments, value dollars. Stocks, end of month thous of B.t.u. Boilers, range:		12, 416 57, 723 55, 874 666, 109	16, 820 48, 281 60, 321 615, 225	37, 732 49, 406 47, 751 613, 533	58, 786 76, 265 79, 831 591, 220	91, 465 81, 844 555, 483	87, 771 94, 748 97, 193 531, 238	83, 731 58, 680 52, 446 563, 333	9, 207 42, 911 41, 382 521, 374	64, 989 42, 662 38, 243 528, 238	48, 454 42, 169 26, 543 559, 851	20, 837 29, 004 25, 979 554, 391	44, 681 22, 918 20, 025 583, 037
Orders:  Newnumber of boilers	92, 265	44, 883	35, 891	26, 555	30, 750	39, 326	51, 073	35, 551	27, 564	35, 774	a 29, 801	36, 338	39, 024
Unfilled, end of month, total number of boilers. Delivery, 30 days or less	35, 974	7, 890	9, 224	5, 304	6, 585	6, 900	8, 320	6, 333	8, 073	6, 016	6, 247	4, 967	8, 872
number of boilers Delivery, more than 30 days	34, 335	5, 974	5, 993	3, 260	4, 952	5, 290	6, 917	4, 591	5, 639	3, 586	4, 146	3, 289	7, 397
number of boilers.  Productionnumber of boilers. Shipmentsnumber of boilers. Stocks, end of month _ number of boilers.	1, 639 63, 724 65, 163 24, 151	1, 916 43, 434 43, 430 24, 694	3, 231 34, 960 34, 557 25, 097	2, 044 32, 124 30, 475 26, 746	1, 633 28, 796 29, 469 26, 073	1, 610 37, 297 39, 011 24, 359	1, 403 48, 912 49, 653 23, 618	1, 742 36, 923 37, 538 23, 003	2, 434 29, 375 27, 582 26, 195	2, 430 39, 991 37, 831 28, 355	2, 101 27, 042 • 29, 570 25, 827	1, 678 38, 251 37, 618 25, 843	1, 475 34, 866 35, 119 25, 590
Boilers, round: Production	3, 242 2, 403 26, 063	2, 392 2, 685 37, 920	1, 881 2, 799 37, 239	1, 680 3, 240 35, 794	2, 225 3, 891 34, 273	3, 648 6, 225 31, 963	6, 220 8, 896 29, 617	3, 639 4, 704 28, 734	1, 823 3, 552 26, 863	2, 035 2, 102 24, 517	2, 279 2, 133 24, 736	1, 811 1, 772 24, 235	2, 393 1, 792 24, 927
Boners, square: Production thous. of lb. Shipments thous. of lb. Stocks, end of month thous. of lb. Boller fittings, cast iron:	12, 140 6, 412 111, 099	5, 874 6, 868 128, 244	6, 140 8, 181 126, 505	9, 142 9, 276 126, 826	9, 734 13, 653 123, 174	13, 793 19, 113 118, 280	16, 824 25, 845 109, 730	11,003 13,335 107,572	4, 918 10, 434 101, 448	6, 144 6, 410 99, 032	7, 602 5, 567 100, 585	6, 211 4, 860 100, <b>4</b> 09	9, 613 4, 465 105, 45 <b>7</b>
Boller fittings, cast iron: Production	2, 919 4, 191	1,863 3,189	1, 760 2, 908	1, 455 2, 029	1, 65 <b>5</b> 2, 665	2, 426 3, 461	3, 187 3, 954	2, 787 3, 019	1, 717 2, 165	1,401 2,319	1, 514 2, 161	1, 592 2, 228	1, 57 <b>7</b> 2, 32 <b>2</b>
Production short tons. Shipments short tons. Radiators:	2, 140 2, 827	1, 526 1, 925	1, 267 1, 622	1. 274 1, 503	1, 229 1, 537	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
Production_thous. of sq. ft. heating surface Shipments_thous. of sq. ft. heating surface Stocks, end of month	3,754 2,133	1, 857 2, 726	1, 894 2, 917	1, 388 3, 392	1, 975 4, 340	2, 751 5, 331	4, 472 7, 630	4, 299 4, 816	3, 236 3, 474	2, 547 2, 001	2, 992 1, 634	2, 231 1, 542	3, 002 1, 605
thous. of sq. ft. heating surface. Radiators, convection type: New orders:	33, 512	38,748	37,868	35, 935	33,688	31, 270	28, 363	27, 967	27, 838	28, 250	29, 646	30, 417	31,992
Heating elements only, without cabinets or grilles thous. of sq. ft. heating surface#. Heating elements, including cabinets and grilles thous. of sq. ft. heating surface#	1	71 218	103 191	85 196	156 165	126 211	87 180	48 155	54 142	70 4 98	33 4 86	35 4 60	35 123
Sanitary Ware													
Bathroom accessories: * Productionnumber of pieces. Shipmentsnumber of pieces. Stocks, end of monthnumber of pieces. Plumbing brass. (See Nonferrous metals.)		33, 453 35, 415 668, 862	29, 620 33, 666 667, 842	30, 785 31, 673 660, 518	28, 664 42, 555 646, 627	35, 136 45, 811 644, 438	34, 182 49, 410 621, 195	25, 138 36, 360 613, 227	24, 095 23, 623 612, 702	24, 033 27, 088 608, 851	20, 119 33, 562 593, 720	14, 315 29, 698 420, 318	
Plumbing and heating equipment, wholesale price (8 pieces)*dollars_Porcelain enameled flatware:	183. 93	191. 33	190. 97	192. 96	192. 31	192, 57	193. 28	192. 43	192. 63	186. 40	182. 80	182.00	182. 03
Orders   Address   Orders		519, 270 216, 077 90, 377 528, 084 222, 803 91, 527	450, 013 202, 098 87, 486 475, 787 206, 686 96, 276	349, 496 148, 089 52, 011 406, 066 193, 279 54, 218	366, 279 131, 644 75, 650 422, 290 175, 715 83, 075	412, 119 123, 861 94, 831 453, 808 159, 400 101, 582		385, 718 172, 933 77, 681 404, 273 172, 467 83, 551	362, 371 216, 931 46, 475 389, 683 232, 611 55, 899	236, 234 87, 158 48, 685 249, 817 101, 148 48, 202	278, 361 102, 219 59, 574 271, 694 113, 582 50, 424	344, 763 144, 615 75, 177 324, 114 126, 671 72, 983	471, 456 191, 658 121, 182 385, 865 146, 543 104, 820
New, netnumber of pieces_ Unfilled, end of month_number of pieces	3, 041 3, 430	1, 465 3, 289	1, 960 3, 141	2, 079 3, 240	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, 404 2, 884	2, 104 2, 991	1, 698 2, 776
Shipmentsnumber of pieces. Stocks, end of monthnumber of pieces Vitreous china plumbing fixtures: Orders;		1, 519 16, 302	1, 789 15, 324	1,878 15,036	2, 991 14, 479	3, 021 13, 560	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
New, netnumber of pieces. Unfilled, end of monthnumber of pieces. Shipmentsnumber of pieces. Stocks, end of monthnumber of pieces. Woodwork, plumbers': Orders:	296, 264 307, 118 187, 933 340, 218	a104, 093 a132, 748 a114, 847 a539, 692	100, 969 118, 837 111, 126 523, 324	80, 890 109, 923 92, 751 520, 194	98, 156 109, 297 98, 782 512, 697	77, 424 91, 738 94, 983 504, 039	86, 721 87, 601 91, 061 486, 470	65, 426 83, 826 66, 437 496, 039	56, 687 85, 480 57, 594 518, 245	80, 283 79, 903 89, 395 506, 126	77, 531 76, 802 80, 632 472, 472	118, 697 99, 332 96, 167 443, 858	245, 024 198, 787 145, 569 391, 369
New, netnumber of pieces. Unfilled, end of monthnumber of pieces. Shipmentsnumber of pieces. Stocks, end of monthnumber of pieces.		92, 254 69, 355 98, 447 149, 500	112, 636 81, 288 100, 703 145, 224	77, 247 80, 112 78, 423 140, 272	95, 232 70, 669 104, 675 135, 110	141, 736 77, 443 134, 962 118, 921	94, 226 78, 670 94, 392 117, 633	71, 413 78, 157 71, 926 115, 330	55, 366 60, 967 72, 330 111, 847	71, 303 72, 684 60, 400 112, 416	70, 737 72, 657 70, 764 112, 457	77, 781 71, 170 79, 268 113, 953	97, 851 77, 592 88, 467 106, 715
Steel: Crude and Semimanufactured Bars, steel, cold finished, shipments_short tons		14, 406	13, 144	13, 431	7, 229	9, 572	12, 209	11, 934	12,759	13, 253	14, 196	8, 726	16, 624
Castings, steel: Orders, new, totalshort tons. Railroad specialtiesshort tons.	3.642	11, 111 2, 843	12, 488 1, 971	9, 301 1, 968	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
Percent of capacity Production, total short tons Railroad specialties short tons Percent of capacity Ingots, steel: †	- 13	3, 010 10	12, 507 2, 379 9	11, 460 2, 609 8	12, 331 2, 465 8	11, 334 2, 520 8	12, 531 2, 617 9	13, 712 3, 672 9	13, 886 2, 721 10	13, 951 2, 753 10	12, 438 2, 259 9	13, 209 3, 285 9	10 12, 071 2, 806 8
Production thous. of long tons. Percent of capacity Prices, wholesale:	- 34	4 1, 125 20	# 913 16	* 807 15	a 847 a 15	■ 992 ■ 18	4 1, 087 19	• 1, 032 18	4 861 15	• 1, 030 18	a 1, 087 a 21	a 910 a 16	• 1, 363 25
Composite, finished steeldolls. per lb. Steel billets, Bessemer (Pittsburgh) dolls. per long ton.	1	. 0217 27. 00	. 0217 26. 50	26, 00	26.00	26.00	26.00	26.00	26.00	. 0212 26. 00	26. 00	. 0210 26. 00	. 0206 26, 00

Revised.
 New series. For earlier data, see p. 20 of the January 1933 issue (price series). Earlier figures on bathroom accessories and convection type radiators not published.
 Represents a subsequent revision for the year 1932. January 1,485; February 1,481; March 1,433; April 1,260.
 In equivalent direct radiation.

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933				19	932					19	33	
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	May	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
	META	ALS A	ND N	<b>IANU</b>	FACT	URE	S—Cor	ntinued		-,			
IRON AND STEEL—Continued Steel: Crude and Semimanufactured— Continued													
Prices, wholesale—Continued Structural-steel beams (Pittsburgh)	0160	0160	0160	orcò.	0160	0160	0160	0160	0160	0100	0160	0100	0100
Steel scrap (Chicago) dolls. per gross ton U.S. Steel Corporation:	. 0160 8. 45	. 0160 6. 40	. 0160 5. 69	. 0160 4. 88	. 0160 5. 75	. 0160 6. 25	6.00	. 0160 5. 93	. 0160 5. 25	. 0160 5. 25	. 0160 5. 25	. 0160 5. 25	. 0160 6. 00
Earnings, netthous. of dolls	1, 930	2, 177	<sup>d</sup> 3, 363 2, 035	1, 966	1,970	<sup>d</sup> 4, 475 1, 985	1, 997	1, 968	<sup>4</sup> 3, 828 1, 968	1, 899	1, 854	<sup>d</sup> 3, 795 1, 841	1, 865
Steel: Manufactured Products	ļ												
Barrels, steel: Orders, unfilled, end of monthnumber_ Productionnumber_ Percent of capacity	467, 695	977, 857 434, 092 30. 0 432, 455	790, 623 651, 916 45. 0 654, 561	729, 669 352, 614 24. 6 353, 336	617, 165 362, 993 26. 0 360, 509	613, 373 395, 640 28, 4 398, 241	475, 318 422, 637 30. 2 417, 470	387, 050 373, 190 26. 7 376, 647	330, 359 300, 570 21. 6 307, 372	275, 354 292, 201 21, 0 292, 609	453, 083 269, 755 19. 7 272, 432	510, 737 373, 340 27. 2 371, 945	526, 491 401, 086 29, 2 402, 506
Stocks, end of monthnumber Boilers, steel, new orders: Areathous. of sq. ft	21, 773 396	35, 817 245	33, 172 322	32, 450 351	34, 934 291	32, 333 467	37, 500 232	34, 043	27, 160 156	26, 752 218	24, 075 128	25, 470 245	24, 050 225
Quantitynumber of boilers_ Furniture, steel: Business group: Orders:	328	263	328	331	403	443	379	301	215	197	176	193	235
New thous. of dolls. Unfilled, end of month thous. of dolls. Shipments thous. of dolls. Shelving: Orders:	552 413 512	634 478 653	655 462 672	554 493 522	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
Newthous. of dolls	171 173 167	152 217 196	187 226 177	114 185 155	125 169 141	153 180 146	144 181 142	139 194 125	153 142 135	106 127 121	117 139 104	142 143 138	160 169 134
New thous of dolls Unfilled, end of month thous of dolls Shipments thous of dolls Lock washers, shipments thous of dolls	100 190 89	120 220 115 102	102 180 143 78	116 207 89 58	129 219 118 43	97 214 102 50	94 200 108 52	98 191 107 66	102 169 116 65	84 171 82 82 82	112 198 86 72	117 209 106 59	84 180 117 90
Plate, fabricated steel, new orders, total short tons— Oil storage tanks————————————————————————————————————	16, 243 2, 858	11, 788 2, 360	18, 383 2, 808	12, 485 3, 661	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	a 9, 502 2, 983
Orders: New	144, 192 136, 592 139, 696 43, 1	91, 414 85, 228 96, 180 25, 8	85, 191 85, 195 85, 232 22, 8	66, 301 77, 432 60, 956 16. 3	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
Unfilled, end of month short tons Production, total short tons Percent of capacity Shipments short tons Stocks, end of month, total short tons Unsold stocks short tons Structural steel, fabricated:		106, 893 121, 366 74, 966	90, 157 121, 946 74, 642	73, 191 114, 518 68, 450	61, 284 107, 680 58, 651	75, 490 107, 624 58, 797	92, 424 105, 833 60, 257	76, 866 103, 321 60, 177	67, 412 94, 658 57, 413	79, 234 94, 783 54, 831	72, 772 100, 688 57, 296	74, 880 95, 606 52, 199	100, 353 91, 859 47, 815
Orders, new short tons Percent of capacity Shipments short tons Percent of capacity		90, 800 23 73, 600 18	86, 800 22 83, 200 21	69, 200 17 83, 600 21	78, 800 20 85, 600 21	111, 200 28 90, 800 23	74, 400 19 86, 400 22	51, 600 13 76, 000 19	145, 600 36 68, 800 17				
Triand terne plate: * Productionthous. of long tons Track work, productionshort tons	145	96 3,061	101 1,975	83 1,890	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
MACHINERY AND APPARATUS Air-conditioning equipment:													
Orders, new, total thous. of dolls.  Air-washer group thous. of dolls.  Fan group thous. of dolls.  Unit-heater group thous. of dolls.  Electric overhead cranes:	580 106 308 167	795 111 414 270	997 267 452 278	578 48 332 198	546 35 290 221	632 38 334 260	739 48 360 331	670 72 287 311	554 93 230 231	411 62 209 141	345 41 186 118	350 60 187 103	412 80 235 97
Orders: Newthous. of dolls Unfilled, end of monththous. of dolls		47 396 48	61 425 30	13 422 18	37 401 51	67 414 61	31 222 42	36 209 43	12 220 29	13 177 44	21 189 9	39 196 32	39 228 7
als.)  Electric hoists: Orders, new: Quantity		96 32, 379	116 39, 409	49 17, 371	78 34, 627	63 25, 259	69 26, 829	78 26, 266	46 18, 792				
Shipmentsdollars_ Exports, machinery. (See Foreign Trade.) Foundry equipment: Orders:		41,798	43, 693	15, 685	28, 099	33, 122	31, 810	28, 772	22, 102		16 1		10.4
New	25. 6 16. 8 24. 5	18. 5 19. 7 24. 5	14. 2 23. 1 11. 1	18. 7 25. 8 16. 5	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
New	3, 562 675 3, 413 7, 815	4, 899 544 4, 867 10, 067	4, 371 473 4, 442 10, 137	4, 688 568 4, 593 9, 850	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
Orders, new, central system: Furnaces and kilnsno. of pulverizers Water-tube boilersno. of pulverizers	0	0	0	0	0	0	0	0 0	0	0	0 2	0	0
Orders, new, unit system:  Fire-tube boilersno. of pulverizers  Furnaces and kilnsno. of pulverizers  Water-tube boilersno. of pulverizers	1 1 3	4 0 3	4 0 12	0 0 7	1 0 5	0 0 3	0 0 10	0 0 8	0	1 0 10	2 1 2	1 3 5	0 1 3
<del>-</del>		or quarter			' New seri	,				ecember :			9

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933		•		193	2					193	3	
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	May	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
	META	ALS A	ND N	ANU	FACT	'URES	S—Cor	ntinued	-		<u></u>		
MACHINERY AND APPARATUS—Con.													
Fuel equipment—Continued Stokers, mechanical, new orders: Class 1, residential *number-												0.50	0.40
Class 1, residential *number_ Class 2, apartment and small com- mercial *number_	357 19	293 33	312 43	432 44	757 143	1, 248 200	1, 299 167	709 89	521 55	251 24	307 27	252 18	218
Class 3, general commercial and small		16	14	46	82	100	102	50	64	33	29	22	15
commercial heaters *number_ Class 4, large commercial: * Number	93	69	113	114	137	166	117	91	98	63	55	84	57
Horsepower Machine tools: Orders:	23, 212	12, 689	25, 096	25, 068	26, 056	29, 139	20, 819	13, 283	18, 375	12, 248	11, 113	16, 550	13, 599
New 1922-24=100 Unfilled, end of month 1922-24=100 Shipments 1922-24=100	28 33	39 65	37 76	25 76	28 78	29 60	27 41	32 42	36 45	32 49	15 35	13 28 22	16 27
Pumps:	23	32	22	27	30	43	45	29	32	26	27	22	20
Domestic, water, shipments: Pitcher, hand, and windmillunits. Power, horizontal typeunits.	30, 755 496	19, 532 527	23, 712 747	18, 680 388	19, 983 412	22, 595 324	14, 247 334	12, 415 331	12, 772 256	17, 819 258	18, 303 269	19, 073 303	22, 778 350
Measuring and dispensing, shipments: Gasoline:										200			
Hand operated units Power units	2, 450 6, 088	2, 937 6, 693	3, 080 6, 883	2, 573 5, 619	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
Oil, grease, and other: Hand operatedunits_ Powerunits_	32, 849 497	39, 479 675	36, 707 532	21, 965 366	23, 752 751	28, 305 1, 647	25, 105 972	30, 031 493	20, 408 355	14, 754 401	14, 918 290	15, 651 367	20, 958 576
Steam, power, and centrifugal: Orders:													
New	511 1,126 474	488 1,693 516	441 1, 559 571	391 1, 450 493	387 1,369 437	437 1, 333 450	387 1,310 399	368 1, 193 378	359 1,051 494	1, 012 310	1, 103 318	1, 066 434	466 1,093 435
Water-softening apparatus, shipments units Water systems, shipments units	215 5, 605	286 6, 209	237 6, 769	154 5, 441	185 5, 818	263 5, 088	217 3, 999	185 3, 188	182 2, 258	208 3, 533	190 2, 908	171 2,778	167 3,706
Woodworking machinery: Orders:	'		·			,	,,,,,,					,	
Canceled thous of dolls  New thous of dolls  Unfilled, end of month thous of dolls	272 290	$\begin{array}{c} 4 \\ 165 \\ 248 \end{array}$	163 237	1 162 289	1 139 249	2 187 256	161 221	5 147 195	11 167 171	124 179	5 113 187	97 201	138 205
Shipments:	149	120	126	113	195	250 114	153	134	159	100	104	63	82
Quantity machines Value thous, of dolls	191	152	174	114	173	175	193	164	175	111	98	81	132
NONFERROUS METALS AND PRODUCTS													
Metals Aluminum:									0.540				
Imports, bauxitelong tonslong tons Wholesale prices:	18, 345	19, 235 . 2290	16, 386 . 2290	15, 844	10, 809	11,008	11,553	10, 481	9,546	10,777	11, 176	10, 974	4,807
No. 1, virgin, 98-99, N.Ydolls. per lb Scrap, cast, N.Ydolls. per lb Babbitt metal:		. 0362	. 0303	. 0300	. 0300	. 0300	. 0315	. 0400	.0400	.0400	. 0400	. 0400	.0416
Production, total thous. of lb For own use thous. of lb Sales thous. of lb	2, 111 325	1, 346 398	1,319 461	1, 276 405	1,320 325 994	1, 406 298	1, 573 381 1, 193	1, 265 321 945	1, 149 326 824	1,346 272	1, 178 260	1, 135 193	1, 544 274
Conner.		948 16, 852	858 10, 679	871 7, 576	8, 240	1, 108 15, 821	8,318	5,839	9,826	1, 074 12, 567	918 12, 515	942	1, 270 10, 644
Exports, refined \$ short tons Imports, total \$ short tons Ore and blister short tons Price, electrolytic, N.Y. dolls. per lb.	11, 120 9, 889	18, 242 7, 110	28, 139 15, 719	4, 936 4, 936	8, 329 7, 881	7, 067 6, 277	6, 636 6, 609	4, 944 4, 944	10, 301 9, 604	8, 768 8, 187	8, 004 8, 004	8, 563 8, 548	7, 214 5, 423
Gold. (See Finance.) Lead:	. 0670	. 0524	. 0515	. 0505	. 0522	. 0598	. 0573	. 0513	.0481	. 0478	. 0478	.0501	. 0540
Ore: Receipts in U.S. oreshort tons_ Shipments, Joplin districtshort tons_		23, 578	24, 584	20, 939	20, 333	20, 421	20, 755	21, 245	25, 465	22, 580	22, 299	24, 037	17, 835
Refined:	2,772	1, 277 1, 626	952	976 5, 470	770 381	1, 346 5, 563	2, 615 1, 220	1, 990	2, 298	1,887	1, 915 2, 531	2, 298 66	2, 552 183
Importsshort tons	. 0365 19, 405	. 0300 25, 902	5, 534 . 0299 26, 068	. 0275 15, 819	. 0324 17, 118	. 0347 20, 498	.0305	. 0305 24, 465	. 0300 21, 173	. 0300 24, 615	. 0300 20, 033	. 0315 24, 684	. 0326
Shipments, reportedshort tons Stocks, end of monthshort tons	28, 197 197, 109	25, 105 174, 452	22, 295 181, 044	20, 448 180, 978	29, 624 175, 907	27, 682 173, 159	31, 045 171, 445	23, 065 175, 532	24, 089 176, 157	19, 030 184, 693	17, 349 189, 751	21, 950 194, 251	a 25, 378 a 196, 827
Silver. (See Finance.) Tin: Consumption in manufacture of tin and												<b> </b>	
terneplate * long tons.  Deliveries long tons.	2, 260 4, 835	1, 500 3, 135	1,600 3,540	1, 400 2, 265	1, 200 2, 585	1, 100 2, 680	1, 400 3, 130	1,300 3,240	1,300 2,645	1, 360 3, 725	1, 400 3, 045	1, 310 3, 330	1, 460 4, 555
Imports, bars, blocks, etclong tons Price, Straits, N.Ydolls. per lb	5, 725 . 3591	3, 725 . 2095	3, 234 . 1964	3, 098 . 2093	2, 399 . 2296	2, 668 . 2476	3, 063 . 2392	2, 582 . 2332	3, 786 . 2269	2,802 . 2270	2, 262 . 2350	2,830 . 2434	4, 274 . 2715
Stocks, end of month:  World, visible supplylong tons United Stateslong tons	41, 883 3, 036	50, 562 3, 981	48, 945 3, 759	49, 125 4, 559	47, 177 4, 459	47, 739 4, 191	47, 048 4, 291	47, 471 3, 441	45, 796 4, 496	44, 223 3, 461	43, 160 2, 741	43, 528 2, 281	42, 541 2, 040
Zine: Ore, Joplin district:						·							
Shipments short tons Stocks, end of month short tons Price slab prime western (St. Louis)	13, 869 18, 108	13, 469 84, 581	13, 992 74, 069	7, 745 70, 454	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
Price, slab, prime, western (St. Louis) dolls. per lb Production, total (primary)short tons	. 0381 21, 730	. 0253 18, 605	. 0278 16, 423	. 0254 14, 716	. 0276 13, 611	. 0332 13, 260	. 0303 15, 217	. 0309 16, 078	. 0312 18, 653	. 0302 19, 828	. 0267 20, 076	. 0299 22, 095	. 0330 21, 449
Retorts in operation, end of monumber_ Shipments, totalshort tons_	23, 569 27, 543	20, 850 18, 050	18, 742 14, 971	18, 295 12, 841	14, 514 16, 360	14, 915 20, 638	17, 369 19, 152	19, 753 15, 970	21, 023 15, 745 15, 725	22, 660 15, 040	23, 389 15, 280	22, 375 16, 156	22, 405 19, 381
Domestic short tons. Stocks, refinery, end of month short tons.	27, 543 136, 634	18, 050 132, 575	14, 951 134, 027	12, 841 135, 902	16, 321 133, 153	20, 618 125, 775	19, 132 121, 840	15, 950 121, 948	15, 725 124, 856	15,000 129,644	15, 280 134, 440	16, 156 140, 379	19, 336 142, 447
Electrical Equipment		l											
Conduit, nonmetallic, shipments. thous. of ft. Delinquent accounts, electrical trade. (See Domestic trade.)	2, 303	1,865	1, 272	1, 129	1, 180	1,877	1,984	1,705	1,045	1, 341	1, 622	846	1, 091
Furnaces, electric, new orderskilowatts	. 688	427	1,792	220	106	100	591	620	334	205	247	211	2, 157

<sup>•</sup> Revised.
• New series. For earlier data see p. 19 of the January 1933 issue (stokers) and p. 20 of December 1932 issue (tin consumption).
§ Data for 1932 revised. For revisions for full year 1932 see p. 48 of the June 1933 issue.

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933					1932		<u> </u>			19	33	
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Мау	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
	META	LS A	ND M	1ANU	FACT	URES	S—Con	tinued		•			·
NONFERROUS METALS AND PRODUCTS—Continued													
Electrical Equipment—Continued													
E ectrical goods, new orders (quarterly) thous, of dolls			98,080			75, 319			73, 881				
Laminated phenolic products, shipments dollars	560, 582	386, 001	444, 588	327, 913	284, 779	375, 849	456, 720	379, 687	325, 004	299, 259	294, 230	311, 439	391, 055
Mica, manufactured: Orders, unfilled, end of	000,002	000,001	111,000	021,010	201,110	0.0,010	100,120	0.0,00.	020,001	200,200	201,200	022, 100	302,000
monththous, of dolls	42 76	57 61	55 55	48 45	44 49	49	51	46 65	45 56	46 58	29 50	28 48	34 53
Shipments thous. of dolls Motors (direct current):	!	1		1		47	56	ł ·		1	i		
Billings (shipments)dollars_ Orders, newdollars_		219, 293 203, 503	175, 105 169, 691	191, 601 149, 407	163, 242 134, 651	160, 016 137, 704	129, 488 124, 546	150, 283 146, 813	186, 285 133, 950	108, 871 83, 679	a136, 566 168, 266	150, 571 141, 313	128, 786 118, 359
Panel boards and cabinets, shipments thous. of dolls.		156	188	176	193	179	142	147	173	191	146	137	157
Porcelain, electrical, shipments: Specialdollarsdollars		34, 805	25, 479	22, 468	32, 074	37, 257	49, 051	42,664	29, 007	20, 310	27, 897	38, 311	25, 722
Standard dollars  Power cables, shipments thous. of ft.	246	19, 488 592	15,030 684	15, 295 646	19, 121 696	20,820	22, 688 420	15, 715 343	11, 450 282	14, 721 254	15,770 439	17, 188 285	17, 197 288
Power switching equipment, new orders: Indoordollars	23, 161	17, 876	17, 695	15, 472	22, 064	20, 316	13, 345	15, 343	17, 703	19.799	25, 096	10, 812	17, 356
Outdoordollarsdollars	35, 936	52, 388	52, 695	50, 108	48, 058	45, 139	26, 216	38, 000	58, 618	42, 173	33, 784	36, 482	74, 979
Radiators, convection type. (See Iron and steel.) Reflectors, industrial, sales units Vacuum cleaners, shipments number	32, 142	32, 327 39, 068	33, 163 30, 299	22, 061 21, 697	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
Walsoning d 6hom	1, 357	1	788	494	664	(		903	948	876	811	874	864
Consumption thous, of lbs. Shipments thous, of dolls.	285	753 216	206	208	203	753 255	1, 047 260	245	188	204	192	187	206
Welding sets, new orders: Multiple operatorunits Single operatorunits	. 2	4	5	0	2	0	0	6	1	3	2	1	1 70
Miscellaneous Products	94	70	66	71	88	70	64	63	101	39	39	57	′0
Brass and bronze (ingots and billets):		1		1			-				ĺ		
Deliveriesnet tons. Orders, unfilled, end of monthnet tons.	3,804 16,712	1,707 17,760	1, 920 18, 186	1, 397 17, 421	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
Brass, plumbing: Shipments *number of pieces	1	749, 424	748, 916	604, 154	641, 498	789, 862	837, 258	637, 923	446, 608	a493,477	585,796	563,660	
Brass sheets, wholesale price, mill dolls. per lb.		.123	, 120	.120	. 120	, 124	. 125	. 125	. 125	. 110	. 110	.110	. 115
Copper, wire cloth: Orders:						1		.120	.1120				
Make and hold-over, end of month thous. of sq. ft	486	564	535	501	533	525	503	506	507	487	518	542	549
Newthous. of sq. ft Unfilled, end of monththous. of sq. ft	584 381	200 93	209 71	253 126	310 117	309 103	288 103	301 115	249 130	275 106	257 110	317 118	281 102
Productionthous. of sq. it	.] 271	194	213	199	281	299	308	289	253 227	241	220	267 265	256 238
Shipments thous of sq. ft. Stocks, end of month thous of sq. ft.	281 760	222 950	197 949	241 892	283 878	306 865	276 901	275 800	921	257 868	220 863	832	845
Fire-extinguishing equipment. (See automobiles.)	ļ		1	•									
		Ρ.	APER	AND	PRI	NTIN	G <del>i</del>						
WOOD PULP													
Chemical: Consumption and shipments total													
Sodashort tons_		151, 876 21, 900	137, 842 16, 446	132, 876 17, 284	151, 502 21, 190	157, 202 21, 106	172, 764 21, 274	163, 454 20, 572	143, 140 16, 910	159, 268 20, 580	163, 366 20, 066		
Short tons. Soda		101, 416 35, 672	92, 870 31, 394	88, 120 29, 276	99, 404 30, 138	103, 368 34, 784	111, 602 37, 158	107, 684 34, 972	96, 036 32, 466	108, 022 43, 314	113, 326 44, 500		
Unbleached short tons Sulphate short tons		19, 122 28, 058	17, 576 28, 030	17, 466 26, 936	22, 364 30, 034	22, 756 32, 076	24, 590 39, 294	23, 646 34, 736	18, 010 29, 596	22, 744 30, 040	24, 274 29, 290		
Other grades short tons Imports short tons		502 66, 555	496 71,692	536 61, 127	874 73, 721	652 78, 095	594 119, 612	462 142, 363	598 146, 289	626 138, 971	684 98, 431	78, 921	62, 409
Price, wholesale, sulphite, unbleached dolls. per 100 lbs.	1, 53	1. 58	1, 58	1,58	1, 58	1. 58	1.58	1. 58	1. 53	1, 53	1, 53	1. 53	1, 53
Production, total		155, 830 22, 676	147, 038 17, 892	134, 774 16, 192	151, 632 20, 094	159, 028 19, 852	175, 610 21, 102	164, 856 19, 604	144, 150 16, 448	165, 182 19, 934	162, 710		
Sulphite, total short tons Bleached short tons		102, 738 35, 240	98, 682 32, 124	88, 982 27, 480	99, 644 30, 546	103, 586 35, 940	111, 452 36, 986	108, 152 34, 906	95, 036 31, 558	111,610 41,964	112,602		
Unbleached short tons Sulphate short tons		19, 976 29, 652	21, 556 30, 096	21, 408 29, 042	24, 012	23, 582 34, 840	26, 424 42, 366	24, 238 36, 604	17, 916 31, 992	27, 288 33, 080	28,008		
Other grades short tons Stocks, end of month, total short tons Soda short tons		764 35, 740	368 38,830	558 36, 302	31, 162 732 34, 184	750 32, 020	690 30, 534	496 29, 148	674 28, 624	558 54, 536	664		
Sodashort tons		3,706	4,418	3,896	3,498	2,942	3, 504	3, 224	3, 318	2,840	2,368		
Sulphite, total short tons Bleached short tons		27, 092 5, 814	29, 558 6, 544	27, 412 4, 748	26, 768 5, 156	24, 694 6, 312	22, 378 6, 140	21,846 6,074	20, 464 5, 166	46, 744 23, 116	1 20,038		
Unbleached short tons Sulphate short tons		6,818 4,488	7, 452 4, 528	7, 186 4, 646	6, 950 3, 712	6, 484 4, 080	6, 152 4, 252	5, 744 3, 644	5, 268 3, 822	13, 602 4, 510	3,658		
Sulphate short tons Other grades short tons Mechanical (ground wood):		454	326	348	206	304	400	434	510	442	422		
Consumption and shipmentsshort tons Importsshort tons	18, 084	13, 115	98, 460 14, 169	81, 148 11, 626	91, 772 8, 998	89, 437 17, 896	92, 235 17, 876	98, 102 24, 956	91, 706 17, 403	81, 382 8, 210	76, 171 5, 594	9, 064	7, 949
Production short tons Stocks, end of month short tons		112, 325 109, 918	92, 452 103, 911	73, 006 95, 769	77, 397 81, 394	74, 998 66, 955	85, 573 60, 294	97, 646 58, 457	90, 780 57, 531	78, 665 52, 028	73, 985 49, 842		
PAPER													
Total paper, incl. box board and newsprint:  Productionshort tons		505, 998	481, 633	447, 364	494, 569	496, 492	542, 247	500, 379	462, 470	454, 618			
Percent of capacityshort tons_		59 518, 522	56 499, 146	52 505, 336	55 528, 413	60 551, 460	62 574, 761	58 517, 611	52 472, 198	53 479, 892	58		
Stocks, end of month short tons.  Book paper:		420, 535	430, 519	408, 278	403, 472	381, 665	359, 847	366, 685	363, 962				
Orders, new: Coatedpercent of normal production	53	43	37	39	40	43	46	41	36	43	43	46	49
Uncoatedpercent of normal production	60	55	44	46	52	55	49	53	43	51	51	60	47
* New series. Data prior to October 1931 r	ot publis	ned. §	Data revi	ised for 19	32. For 1	evisions f	or full ye	ar 1932 see	p. 49 of t	the June 1	.933 issue.	• Rev	rised.

fonthly 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	Мау	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
	<b>P</b> .	APER	AND	PRI	NTIN	GCo	ntinue	1					
PAPER—Continued													
Book paper—Continued Orders, unfilled:												_ !	
Coatednumber of days' production Uncoatednumber of days' production		3 3	3	4	3 5	3 6	4	3 5	3 4	4	3	3 5	4
Production short tons.  Percent of capacity		65 (	86, 301 59	73, 701 52	84, 756 46	83, 400 51	88, 988 60	87, 119 59	86, 858 59	83, 905 58			
Shipmentsshort tons Stocks, end of monthshort tons		112, 853 79, 975	109, 919 83, 414	114, 975 79, 494	116, 585 78, 063	118, 100 76, 814	123, 060 72, 436	116, 784 77, 289	115, 616 78, 294	121, 628 70, 778	119, 074 74, 671		
ox board: Consumption, waste papershort tons	1		164, 808	170, 656	163, 909	196, 910	228, 116	197, 306	155, 729	158, 458			
Orders: Newshort tons_			166, 129	161, 777	182, 701	205, 783	199, 119	163, 128	152, 807	157, 245			
Unfilled, end of monthshort tons Productionshort tons		31, 391	29, 802 171, 093	23, 192 164, 352	35, 864 173, 805	53, 331 180, 421	48, 536 201, 777	33, 575 179, 094	33, 490 157, 357	36, 030			
Operations, percent of capacity		53.0	51.0	50. 5	51. 5	61. 4	61.6	58. 1	45. 7	48. 2			
Shipments short tons Stocks, end of month short tons.		81, 154	167, 728 84, 501	169, 776 79, 922	171, 486 81, 805	188, 103 74, 237	203, 932 72, 083	178, 189     72, 491	152, 874 76, 173	76, 473			
Stocks of waste paper, end of month:			153, 663	160, 118	151, 343	174, 756	160, 794	172, 693	160, 600	173, 415			<i></i>
At mills		27, 992	26, 145	29, 775	23, 897	26, 666	30, 448	31, 325	24, 370	26, 481			
ewsprint: Canada:		,	,	,		-5,555	50,2-0		,				
Exportsshort tons	168, 719 171, 776		155, 896	131, 780 142, 491	152, 761 157, 919	119, 277 150, 691	148, 935 157, 506	153, 569 161, 334	136, 993 138, 682	127, 779 140, 539	107, 446 124, 788	138, 005 137, 078	113, 139 3 148, 37
Productionshort tons_ Shipments from millsshort tons_	165, 520	a170.642	161, 368 164, 310	145, 431	154, 881	142,633	157, 568	164, 327	140,770	133,056	120,094	140, 694	<sup>3</sup> 161, 04
Stocks, at mills, end of month-short tons United States:		a 52, 971	50,029	47, 017	50, 029	48, 062	48, 411	45, 461	42, 337	49, 837	54, 515	50, 872	37, 23
Consumption by publishersshort tons Importsshort tons	160, 773 157, 314	152, 321 175, 876	138, 204 145, 992	131, 823 138, 856	123, 873 147, 669	127, 425 133, 830	144, 993 148, 291	145, 889 155, 499	132, 761 135, 430	127, 446 130, 917	116, 307 94, 908	123, 402 114, 500	132, 033 139, 213
Price, rolls, contract, destination, N.Y. basis————dolls. per short ton—	40.00	53. 00	53.00	53.00	53.00	51. 25	45.00	45. 00	45. 00	45. 00	45.00	45. 00	40.00
Production, totalshort tons	79, 516	a 86, 890	85, 399	74, 502	79, 529	70, 621	76, 731	81,662	80, 075	74, 356	67, 665	76, 521 77, 933	a 74, 53
Shipments from millsshort tons_ Stocks, end of month:		a 88, 126	84, 255	76, 857	77, 340	73, 234	76, 922	83, 922	79,002	72, 637	66, 884		
At millsshort tons	23, 560 137, 451 -	<sup>a</sup> 34, 358 182, 507	35, 502 186, 672	33, 369 182, 725	35, 982 188, 436	33, 095 181, 613	32, 790 165, 459	30, 581 171, 798	21, 783 172, 272	23, 502 166, 954	23, 363 157, 489	23, 005 149, 971	21, 171 139, 637
In transit to publishersshort tons riting (fine) paper:	24, 290	31, 692	25, 361	28, 561	23, 195	26, 191	29, 586	28, 758	24, 171	24, 601	27, 347	23, 691	27, 06
Productionshort tons		26, 294 52	21, 970 43	21, 818	23, 803	25, 790	27, 123	24, 546 49	21, 233 42	25, 371 49	25, 191 53		
Percent of capacityshort tons_		25, 531	22, 937	$\frac{45}{23,542}$	24, 160	26, 512	27, 421	24, 325	21, 318	26, 563	25, 468		
Stocks, end of monthshort tons rapping paper:	ì	55, 906	54, 934	51,814	51, 446	50, 719	49, 940	50, 156	50, 063	50, 099			
Production short tons. Percent of capacity		58, 060 66	49, 782 56	52, 000 61	60, 479 66	60, 182 71	68, 333 77	59, 149 67	50, 005 57	52, 054 62	49, 042 63		
Shipmentsshort tons_ Stocks, end of monthshort tons_		57, 654 72, 686	50, 927	53, 300	59,874	65, 719	74, 961	58, 203	48, 905 59, 554	51, 950 57, 240	49, 238		
ll other grades:	1	l i l	71, 533	70, 228	70, 825	64, 561	57, 963	58, 903		1	,		
Production short tons. Shipments short tons.		68, 442 66, 348	67, 088 63, 380	60, 991 66, 886	72, 197 78, 968	76, 078 79, 792	79, 295 68, 465	68,809 56,188	66, 942 54, 483	64, 435 52, 834			
Stocks, end of monthshort tons		95, 658	100, 635	93, 451	85, 351	80, 818	74, 635	77, 265	78, 095	71, 297	72, 246		
PAPER PRODUCTS	•												
brasive paper and cloth, shipments: Domesticreams	53, 187	41, 059	37, 735	33, 312	34, 835	39, 897	42, 297	35, 424	28, 125	37, 648	35, 878	32, 412	40, 46
Foreignreams_aper board shipping boxes:	7,675	6, 657	7, 079	6, 017	5, 867	6, 532	5, 574	5, 331	6, 522	4,412	6,832	6,829	5, 47
Operating time, totalpercent of normal Corrugatedpercent of normal		71 73	64 65	56 59	62 66	71 76	79 83	65 69	58 62	56 62	60 65	58 61	6-7
Solid fiber percent of normal	l	65	60 431, 167	48 399, 160	48	57 447, 032	65 508, 182	52 409, 736	361, 871	376, 200	43 398, 014	380, 452	460, 97
Production, total thous. of sq. ft  Corrugated thous. of sq. ft		360, 838	344, 513	336, 530	436, 358 371, 427	405, 922	436, 406	345, 756	306, 447	314,084	329, 133	306, 667	385, 11
Solid fiberthous. of sq. ftope paper sacks shipments*1930-31=100	95	85, 617 76	86, 654 76	62, 630 95	64, 931 108	71, 110 115	71,776	63, 980	55, 424 120	62, 116	68, 881 81	73, 785 112	75, 85 12
PRINTING	1				Į.					l			
Blank forms, new ordersthous. of sets_	59, 226 530	33, 348	36, 388	37, 259	41,061	41, 252	40, 396	38, 364	50, 350	46,602	45, 053 679	53, 337 766	46, 50 80
ook publication, totalnumber of editions New booksnumber of editions	477	589 488	525 450	733 641	609 504	806 655	1, 090 912	700 595	87.5 707	457 390	576	621	63
New editionsnumber of editions perations (productive capacity)1923=100	53	101 77	75 70	92 63	105 63	151 66	178 66	105 67	168 66	67 66	103 70	145 62	16
ales books: Orders, newthous. of books	10, 380	8, 489	8, 914	8, 395	7,879	8, 575	10, 190	8, 476	7, 645	9, 735	7,907	7, 399	9,90
Shipmentsthous. of books	9, 572	9, 261	8, 995	8, 271	9, 128	8,704	9,082		9,068	7, 920	7,653	8,048	8, 57
	RI	JBBE	R AN	D RU	BBER	PRO	DUC'	TS					_
CRUDE AND SCRAP RUBBER													
rude: Consumption, totallong tons	38, 785	26, 861	35, 987	26, 010	20, 582	20, 692	19, 337	20, 157	15, 631	19, 928	18, 825	15, 701	22, 8
For tires long tons. Imports, total, including latexs long tons. Price, wholesale, smoked sheets, N.Y.	26, 736	14, 293 34, 323	21, 626 41, 117	14, 715 32, 524	12, 646 33, 989	10, 399 29, 280	10, 340 35, 806	9, 388 29, 620	7, 408 32, 016	10, 376 30, 663	9, 587 22, 969	8, 179 28, 475	13, 55 21, 03
Price, wholesale, smoked sheets, N.Y.			'	1			,		1	1	. 029	. 030	. 03
dolls. per lblong tons	57,000	60, 929	56, 620	. 028 59, 530	. 036 56, 327	. 039 59, 683	54, 403	. 034 57, 976	56, 700	59,000	54, 500	56,900	55, 00 617, 49
Afloat, totallong tons	611, 000 74, 177	629, 110 80, 936	593, 601 74, 089	579, 195 68, 558	595, 782 74, 808	599, 761 78, 775	604, 008 69, 240	611, 301 74, 505	621, 078	614, 851 60, 674	618, 299 65, 123	622, 142 60, 914	65,48
Afloat, total long tons.  For United States long tons.  London and Liverpool long tons.	54, 177 101, 000	63, 066 116, 106	53, 849 109, 597	47, 368 106, 172	53, 558 104, 408	57, 735 103, 195	50, 220 100, 001	54, 505 96, 324	51, 147 91, 121	40, 674 89, 267	41, 123 92, 153	36, 914 94, 658	38, 43 95, 1
British Malaya long tons United States† long tons	69,000 370,311	88, 672 343, 396	68, 855	62,887	66, 134	64, 321	68, 836	71,441	77, 024 379, 000	74, 590 385, 354	71, 677 386, 686	67, 583 395, 987	66, 9
teclaimed rubber:	i		341,060	341, 578	350, 432	353, 470	365, 931	370, 577	1		1		
Consumptionlong tons. Productionlong tons.	5, 750 7, 864	4, 795 4, 773	5, 554 5, 626	4, 054 5, 146	3, 461 3, 101	4, 136 5, 043	4, 340 6, 275	4, 135 6, 215	3, 135 5, 345	3, 560 4, 983	3, 229 4, 303	2, 556 3, 617	3, 20 4, 34
Stocks, end of monthlong tons	9,065	13, 411	11,978	11, 596	10, 387	9,982	9, 877	9, 973	10, 794	10, 733	10, 936	10, 227	9, 48
crap rubber:													
crap rubber: Consumption by reclaimerslong tons  • Revised. † For revised data for year 193	•		•	•	.			.  ıblished.	•	•		•	

Monthly statistics through December 1931,	1931, 1933 1933 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	May	Мау	June	July	August	Septem-	October	Novem-	Decem-	January	Febru-	March	April
						ber		ber	ber		ary	<u> </u>	<u> </u>
	UBBE	RAN	D RU	BBEI	R PRO	DUC	TS—(	Continu	ed 				
TIRES AND TUBES													i
Pneumatic casings: Productionthousands Shipments, totalthousands		3, 056 3, 406	4, 515 8, 293	2, 893 1, 923	2, 471 2, 124	2, 031 2, 466 2, 411	2, 055 1, 439	1,843 1,369	1, 586 1, 455	1, 806 2, 077	1, 871 1, 834	1, 630 1, 674	2, 499 2, 923
Production thousands Shipments, total thousands Domestie thousands Stocks, end of month thousands Solid and cushion tires:		3, 325 7, 503	8, 212 3, 700	1,845 4,962	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, 923 2, 874 5, 419
Solid and cusmon tires: Production. thousands Shipments, total thousands Domestic. thousands Stocks, end of month thousands		8 8	11 22	10 7	8 8	8 8	6 7	6 6	7 5	6 7	7 8	7 7	7 8
Domestic thousands Stocks, end of month thousands Inner tubes:		8 35	22 23	7 25	7 25	7 24	7 24	5 23	5 24	7 22	7 21	$\begin{array}{c} 6 \\ 21 \end{array}$	7 20
Production thousands Shipments, total thousands Domestic thousands Stocks, end of month thousands Raw material consumed:		2, 727 3, 094	4, 223 7, 394	2,350 1,728	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
Domesticthousands Stocks, end of monththousands Raw material consumed:		3, 035 7, 131	7, 336 3, 943	1, 674 4, 780	1,966 4,902	2, 440 4, 602	1, 292 4, 971	1, 221 5, 330	1, 348 5, 400	1, 989 4, 957	1, 646 5, 085	1, 486 5, 095	2, 410 4, 951
Fabrics thous, of lb Crude rubber. (See Crude Rubber.)		12, 045	17, 480	11,707	10, 116	8, 417	8, 345	7, 827	5, 993	7,899	7, 263	6, 364	10, 460
MISCELLANEOUS PRODUCTS							_						
Rubber bands, shipmentsthous. of lb Rubber clothing, calendered: Orders, netnumber of coats and sundries	9,808	187 12, 503	180 10, 433	160 9, 109	199 13, 321	210 31,577	315 35, 417	170 22, 353	138 6,827	189 11, 574	167 7, 327	162 8, 058	191 8, 037
Productionnumber of coats and sundries Rubber-proofed fabrics, production, total	19, 392	12, 886	15, 333	26, 849	28, 284	22, 770	35, 306	38, 704	25, 759	24, 409	16, 330 2, 146	20, 997 2, 303	14, 227 2, 988
thous. of yd  Auto fabrics	467	1,748 197 556	2, 243 308 744	2,013 224 1,003	2, 952 268 1, 489	4, 510 301 2, 719	4, 918 404 3, 065	3,890 332 2,461	1, 772 234 707	2, 052 221 799	243 616	134 953	241 1, 275
Rubber flooring, shipmentsthous. of sq. ft Rubber and canvas footwear: Production, total	365	399 4, 518	546 4, 429	329 2, 321	434 3, 576	421 3, 767	383 4, 139	307 5,007	252 4, 782	188 3, 725	269 3, 275	307 3, 281	218 3, 172
Rubber and canvas footwar:  Production, totalthous. of pairs.  Tennisthous. of pairs.  Waterproofthous. of pairs.  Shipments, totalthous. of pairs.  Tennisthous. of pairs.  Waterproofthous. of pairs.  Shipments, domestic, totalthous. of pairs.  Tennisthous. of pairs.  Waterproofthous. of pairs.  Stocks, total, end of monththous. of pairs.  Stocks, total, end of monththous. of pairs.  Tennisthous. of pairs.		3, 485 1, 033	2, 898 1, 531	1, 197 1, 124	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 3, 672
Tennis total thous of pairs Waterproof thous of pairs		5, 049 4, 603 446	4, 345 3, 839 506	2, 985 1, 778 1, 206	3, 342 1, 208 2, 134	4, 641 1, 249 3, 393	5, 234 600 4, 634	5, 375 454 4, 922	4, 813 551 4, 262	3, 156 1, 814 1, 342	3, 537 2, 256 1, 281	3, 390 2, 842 548	ี จัวรก
Shipments, domestic, total_thous. of pairs		4, 966 4, 530 436	4, 285 3, 786 499	2,942 1,755 1,187	3, 272 1, 175 2, 096	4, 589 1, 226 3, 363	5, 189 571 4, 618	5, 330 422 4, 908	4,773 168 4,254	3, 136 1, 801 1, 335	3, 511 2, 245 1, 267	3, 339 2, 800 539	3, 637 3, 637 3, 202 435
Stocks, total, end of month thous of pairs.  Tennis thous of pairs.  Waterproof thous of pairs.		17, 879 6, 163	17, 962 5, 222	17, 317 4, 641	17, 358 4, 615	16, 483 4, 556	15, 388 5, 010	15, 038 5, 955	15, 016 7, 016	15,351 7,008	15, 088 6, 937	14, 965 6, 730	14, 462 6, 135
Diihhar hagier	r ,		12, 741 11, 299	12, 676 9, 868	12, 743 11, 073	11, 928 14, 205	10, 378 16, 736	9, 083 14, 162	8,000 12,433	8, 343 13, 142	8, 151 13, 030	8, 235 11, 222	8, 326 10, 353
Froduction. thous of pairs.  Shipments, total* thous. of pairs.  Export. thous. of pairs.  Repair trade. thous. of pairs.  Shoe manufacturers. thous. of pairs.  Stocks, end of month. thous. of pairs.		10, 270 275 3, 651	12, 304 266 3, 708	10, 141 261	14, 395 187 4, 260	18, 000 297 5, 520	16, 222 233 5, 012	13, 188 184 3, 966	13, 641 258 2, 423	11, 336 209 2, 433	10, 888 221 2, 909	10, 761 170 2, 677	12, 383 281 4, 441
Shoe manufacturers thous of pairs Stocks, end of month thous of pairs		6, 345 28, 782	8, 330 27, 736	2, 449 7, 432 27, 397	9, 948 24, 449	12, 183 20, 534	10, 977 21, 029	9, 038 21, 749	10, 960 20, 337	8, 694 21, 808	7, 758 25, 267	7, 914 25, 549	7, 661 23, 740
Rubber soles: Productionthous. of pairs Shipments, total*thous. of pairs		2, 488 2, 703	2, 461 2, 500	2, 419 2, 407	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
Production		4 151 2, 549	5 133 2, 362	14 113 2, 280	12 140 2, 508	7 215 4, 131	269 4, 519	5 316 4,099	6 209 5, 050	1 275 3, 502	362 3,362	235 271 3, 419	266 2, 988
Stocks, end of monththous. of pairs Mechanical rubber goods, shipments:		2, 434	2, 374	2, 308	2, 373	2, 024	2, 168	2, 559	2, 369	2, 766	3, 121	3, 302	3, 215
Total thous of dolls Belting thous of dolls Hose thous of dolls.		2.042 (	2, 672 526 1, 095	2, 024 524 734	2, 152 563 785	1, 975 456 706	2, 192 481 844	1, 990 423 709	1, 992 397 780	2, 060 382 730	1, 815 352 633	2, 018 358 302	2, 273 371 903
Otherthous, of dolls_		991	1, 051	766	804	813	867	858	816	949	830	858	999
	STO	NE, C	LAY,	AND	GLA	SS PI	RODU	CTS					
BRICK #													
Common brick, wholesale price, red, N.Y. dolls. per thous.	9. 25	9.75	9. 75	9. 69	9. 30	9. 25	9. 25	9. 25	9. 25	10. 13	9, 25	9. 25	9. 25
Face brick (average per plant): Orders, unfilled, end of mo_thous. of brick_ Production (machine)*thous. of brick_	350 116	532 208	518 165	493 173	477 149	424 180	363 200	351 151	352 98	292 35	331 24	324 44	359 66
Shipmentsthous. of brick Stocks, end of monthtthous. of brick Sand-lime brick:	169 2,860	257 3, 473	263 3, 387	3, 288	258 3, 196	3, 177	3, 119	134 3, 091	85 3, 133	79 3, 061	3, 030	94 2, 975	131 2, 911
Orders, unfilled, end of mothous. of brick Productionthous. of brick	1,580 588	2, 575 2, 469	6, 625 2, 215	5, 820 3, 223	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
Shipments by railthous. of brick Shipments by truckthous. of brick Stocks, end of monththous. of brick	72 606 3,877	157 2, 919 4, 897	121 2, 518 3, 485	194 2, 057 5, 282	176 2, 508 4, 151	455 1, 808 5, 898	300 1, 668 4, 813	0 1, 231 4, 477	82 884 4,792	110 1, 233 4, 622	80 778 4,020	3, 501	50 742 3, 003
PORTLAND CEMENT		,	, ===	,	7	,	,	,	,	,		- '	•
Price, wholesale, compositedolls. per bbl Productionthous. of bbl	1, 436 6, 266	1.318 6,913	1. 353 7, 921	1.357 7,659	1. 388 7, 835	1.388 8,210	1.388 7,939	1. 388 6, 462	1, 424 4, 248	1. 426 2, 958	1. 436 2, 777	1, 436 3, 684	1, 436 4, 183
Percent of capacity	27. 4 6, 748 20, 060	30. 2 8, 020 25, 394	35. 7 9, 264 24, 043	33. 4 9, 218 22, 512	34. 2 10, 968 19, 398	36. 9 9, 729 17, 878	34. 6 8, 743 17, 084	29. 1 4, 782 18, 788	18. 5 2, 835 20, 205	12. 9 2, 502 20, 624	13. 4 2, 278 21, 125	16. 1 3, 510 21, 298	18. 9 4, 949 20, 532
* New series. Earlier data not published or t Adjusted for degrading and year-end physics.	6,759   n rubber	9, 922   heels and	8,877	7,889	7, 175	6, 708	6,093	5, 938	5, 995	6,092	6,422	∘ 6,890   Revised.	7, 230

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,

STONE, CLAY, AND GLASS PRODUCTS—Continued   Color	5 1,704 3 49.5 3 1,621 5 5,406 9 1,379 0 1,327 1,008 3 1,267 4 4.6 7 4.88 5 4,881 	1,585 1,704 51.8 49.5 1,508 1,621 5,325 5,406 1,049 1,379 1,280 1,327 1,010 1,008 1,006 1,267 35.4 44.6 4,397 4,388 4,955 4,881	6 1,585 3 51.8 8 1,508 4 5,325 3 1,049 9 1,280 1,010 6 1,006 0 35.4 4,397 8 4,955	1, 636 51.3 1, 738 5, 244 1, 043 1, 219 986 34.0 4, 480 6, 188	1, 462 44.9 1, 366 5, 343 1, 222 1, 144 1, 083 37.4 4, 946 4, 268 80, 366 252, 891 96, 374 199, 083	1,508 46.4 1,422 5,247 1,187 1,286 1,338 1,260 43.5 4,852 4,718	1,750 53.8 1,774 5,123 1,151 1,363 1,090 1,279 44.1 4,799 4,120	1, 462 46. 8 2, 027 5, 167 1, 164 1, 485 782 1, 087 37. 5 5, 063 3, 567	1, 660 49. 1 1, 757 5, 724 1, 020 1, 455 885 1, 122 38. 7 5, 254 1, 843	1, 677 53. 6 1, 551 5, 824 1, 142 1, 458 1, 059 945 32. 6 5, 454 2, 849	1,945 60.6 2,018 5,695 1,239 1,301 1,423 1,204 41.5 5,301 5,140	2,027 63.2 1,901 5,759 1,563 1,318 1,357 1,295 44.7 5,152 3,154	1,693 49.1 1,969 5,036	GLASSWARE, ETC.  Glass containers: Production
GLASSWARE, ETC.  Glass containers: Production. thous of gross. 1,693 2,027 1,445 1,677 1,660 1,462 1,750 1,508 1,462 1,636 1,855 Protect of capacity thous of gross. 1,693 2,027 1,945 1,631 1,737 2,027 1,774 1,422 1,303 1,533 1,531 1,737 2,027 1,774 1,422 1,303 1,733 1,535 1,351 1,737 2,027 1,774 1,422 1,303 1,733 1,535 1,351 1,737 2,027 1,774 1,422 1,303 1,733 1,535 1,7	3 49.5 5 1,621 5 1,621 5 1,621 5 1,621 1,379 0 1,379 0 1,327 0 1,008 3 1,267 4 4.6 4 4.8 4 4.8 5 4,881 197,730 11,106 168,931 18,882 42,442 2,073 121,490 17,249	51.8 49.5 1, 521 5, 406  1, 049 1, 379  1, 280 1, 327  1, 010 1, 008  1, 006 1, 267 35.4 44.6 4, 397 4, 388  4, 955 4, 881  197, 730 61, 106  168, 931  18, 882 42, 442 2, 073  121, 490  17, 249	3	51. 3 1, 738 5, 244 1, 043 1, 219 795 986 34. 0 4, 480 6, 188	1, 462 44.9 1, 366 5, 343 948 1, 222 1, 144 1, 083 37.4 4, 946 4, 268 80, 366 252, 891 96, 374 199, 083	1, 508 46.4 1, 422 5, 247  1, 187  1, 286 1, 338  1, 260 43.5 4, 852 4, 718	1, 750 63.8 1, 774 5, 123 1, 151 1, 363 1, 090 1, 279 44.1 4, 799 4, 120	1, 462 46.8 2, 027 5, 167 1, 164 1, 485 782 1, 087 37.5 5, 063 3, 567	1, 660 49.1 1, 757 5, 724 1, 020 1, 455 885 1, 122 38.7 5, 254 1, 843	1, 677 53. 6 1, 551 5, 824 1, 142 1, 458 1, 059 945 32. 6 5, 454 2, 849	1, 945 60.6 2, 018 5, 695 1, 239 1, 301 1, 423 1, 204 41.5 5, 301 5, 140	2,027 63.2 1,901 5,759 1,563 1,318 1,357 1,295 44.7 5,152 3,154	1, 693 49. 1 1, 969 5, 036	GLASSWARE, ETC.  Glass containers: Production
Glass containers: Protection of capacity. thous, of gross. 1,693 2,027 1,945 1,677 1,680 1,462 1,730 1,596 1,482 1,636 1,855 1	3 49.5 5 1,621 5 1,621 5 1,621 5 1,621 1,379 0 1,379 0 1,327 0 1,008 3 1,267 4 4.6 4 4.8 4 4.8 5 4,881 197,730 11,106 168,931 18,882 42,442 2,073 121,490 17,249	51.8 49.5 1, 521 5, 406  1, 049 1, 379  1, 280 1, 327  1, 010 1, 008  1, 006 1, 267 35.4 44.6 4, 397 4, 388  4, 955 4, 881  197, 730 61, 106  168, 931  18, 882 42, 442 2, 073  121, 490  17, 249	3	51. 3 1, 738 5, 244 1, 043 1, 219 795 986 34. 0 4, 480 6, 188	1, 386 5, 343 948 1, 222 1, 144 1, 083 37.4 4, 946 4, 268 80, 366 252, 891 96, 374 199, 083	46. 4 1, 422 5, 247 1, 187 1, 286 1, 338 1, 260 43. 5 4, 852 4, 718	53.8 1,774 5,123 1,151 1,363 1,090 1,279 44.1 4,799 4,120	46.8 2,027 5,167 1,164 1,485 782 1,087 37.5 5,063 3,567 173,366 423,139 169,160	49. 1 1,757 5,724 1,020 1,455 885 1,122 38. 7 5,254 1,843	53. 6 1, 551 5, 824 1, 142 1, 458 1, 059 945 32. 6 5, 454 2, 849	60. 6 2, 018 5, 695 1, 239 1, 301 1, 423 1, 204 41. 5 5, 301 5, 140	63. 2 1, 901 5, 759 1, 563 1, 318 1, 357 1, 295 44. 7 5, 152 3, 154	1, 969 5, 036	Glass containers: Production
Production	3 49.5 5 1,621 5 1,621 5 1,621 5 1,621 1,379 0 1,379 0 1,327 0 1,008 3 1,267 4 4.6 4 4.8 4 4.8 5 4,881 197,730 11,106 168,931 18,882 42,442 2,073 121,490 17,249	51.8 49.5 1, 521 5, 406  1, 049 1, 379  1, 280 1, 327  1, 010 1, 008  1, 006 1, 267 35.4 44.6 4, 397 4, 388  4, 955 4, 881  197, 730 61, 106  168, 931  18, 882 42, 442 2, 073  121, 490  17, 249	3	51. 3 1, 738 5, 244 1, 043 1, 219 795 986 34. 0 4, 480 6, 188	1, 386 5, 343 948 1, 222 1, 144 1, 083 37.4 4, 946 4, 268 80, 366 252, 891 96, 374 199, 083	46. 4 1, 422 5, 247 1, 187 1, 286 1, 338 1, 260 43. 5 4, 852 4, 718	53.8 1,774 5,123 1,151 1,363 1,090 1,279 44.1 4,799 4,120	46.8 2,027 5,167 1,164 1,485 782 1,087 37.5 5,063 3,567 173,366 423,139 169,160	49. 1 1,757 5,724 1,020 1,455 885 1,122 38. 7 5,254 1,843	53. 6 1, 551 5, 824 1, 142 1, 458 1, 059 945 32. 6 5, 454 2, 849	60. 6 2, 018 5, 695 1, 239 1, 301 1, 423 1, 204 41. 5 5, 301 5, 140	63. 2 1, 901 5, 759 1, 563 1, 318 1, 357 1, 295 44. 7 5, 152 3, 154	1, 969 5, 036	Production thous. of gross. Percent of capacity thous. of gross. Shipments thous. of gross. Stocks, end of month thous. of gross. Illuminating glassware: Orders: New and contract number of turns. Percent of full operation. Unfilled, end of month number of turns. Production: Total number of turns. Percent of full operation. Shipments: Total number of turns. Percent of full operation. Stocks, end of month number of turns. Plate glass, polished, production#
Shipments	3 1,621 5,406 1,379 1,327 1,008 3 1,267 4 4.6 7 4,388 5 4,881 	1, 508 1, 621 5, 406 1, 049 1, 379 1, 280 1, 327 1, 010 1, 008 1, 006 1, 267 35, 4 44, 6 4, 397 4, 388 4, 955 4, 881	8 1,508 4 5,325 3 1,049 9 1,280 1,010 66 1,006 0 35.4 4,397 88 4,955	1, 788 5, 244 1, 043 1, 219 795 986 34. 0 4, 480 6, 188	1, 366 5, 343 948 1, 222 1, 144 1, 083 37, 4 4, 946 4, 268 80, 366 252, 891 96, 374	1, 422 5, 247 1, 187 1, 286 1, 338 1, 260 43. 5 4, 852 4, 718	1, 151 1, 363 1, 090 1, 279 44. 1 4, 799 4, 120	2, 027 5, 167 1, 164 1, 485 782 1, 087 37. 5 5, 063 3, 567 173, 366 423, 139 159, 160	1, 757 5, 724 1, 020 1, 455 885 1, 122 38. 7 5, 254 1, 843	1, 551 5, 824 1, 142 1, 458 1, 059 945 32.6 5, 454 2, 849	2, 018 5, 695 1, 239 1, 301 1, 423 1, 204 41, 5 5, 301 5, 140	1, 901 5, 759 1, 563 1, 318 1, 357 1, 295 44. 7 5, 152 3, 154	1, 969 5, 036	Shipments thous. of gross. Stocks, end of month thous. of gross. Stocks, end of month thous. of gross. Illuminating glassware:* Orders: New and contract number of turns. Percent of full operation. Unfilled, end of month number of turns. Production: Total number of turns. Percent of full operation. Shipments: Total number of turns. Percent of full operation. Stocks, end of month number of turns. Plate glass, polished, production#
Undlied, end of monthnumber of turns	1, 327 1, 008 3 1, 267 4 44.6 7 4, 388 5 4, 881 197, 730 61, 106 168, 931 18, 882 42, 442 2, 073 121, 490 17, 249	1, 280 1, 327 1, 010 1, 008 1, 006 1, 267 35, 4 44, 6 4, 397 4, 388 4, 955 4, 881	9 1, 280 1, 010 66 1, 006 0 35, 4 4, 397 88 4, 955	1, 219 795 986 34.0 4, 480 6, 188	1, 222 1, 144 1, 083 37, 4 4, 946 4, 268 80, 366 252, 891 96, 374	1, 286 1, 338 1, 260 43. 5 4, 852 4, 718	1, 363 1, 090 1, 279 44. 1 4, 799 4, 120	1, 485 782 1, 087 37. 5 5, 063 3, 567 173, 366 423, 139 159, 160	1, 455 885 1, 122 38. 7 5, 254 1, 843	1, 458 1, 059 945 32. 6 5, 454 2, 849	1, 301 1, 423 1, 204 41. 5 5, 301 5, 140	1, 318 1, 357 		Orders: New and contractnumber of turns. Percent of full operation Unfilled, end of month_number of turns. Production: Totalnumber of turns. Percent of full operation Shipments: Totalnumber of turns. Percent of full operation Stocks, end of monthnumber of turns. Plate glass, polished, production#
Common	1, 327 1, 008 3 1, 267 4 44.6 7 4, 388 5 4, 881 197, 730 61, 106 168, 931 18, 882 42, 442 2, 073 121, 490 17, 249	1, 280 1, 327 1, 010 1, 008 1, 006 1, 267 35, 4 44, 6 4, 397 4, 388 4, 955 4, 881	9 1, 280 1, 010 66 1, 006 0 35, 4 4, 397 88 4, 955	1, 219 795 986 34.0 4, 480 6, 188	1, 144  1, 083 37, 4 4, 946 4, 268  80, 366 252, 891 96, 374  199, 083	1, 286 1, 338 1, 260 43. 5 4, 852 4, 718	1, 363 1, 090 1, 279 44. 1 4, 799 4, 120	1, 485 782 1, 087 37. 5 5, 063 3, 567 173, 366 423, 139 159, 160	1, 455 885 1, 122 38. 7 5, 254 1, 843	1, 458 1, 059 945 32. 6 5, 454 2, 849	1, 301 1, 423 1, 204 41. 5 5, 301 5, 140	1, 318 1, 357 		Unilled, end of month_number of turns_ Production: Totalnumber of turns_ Percent of full operation Totalnumber of turns_ Percent of full operation Stocks, end of monthnumber of turns_ Plate glass, polished, production#
Total. number of turns. 1, 357 1, 423 1, 059 885 782 1, 080 1, 338 1, 144 785 1, 010 Percent of full operation.  Shipments: number of turns. 1, 295 1, 204 945 1, 122 1, 087 1, 279 1, 200 1, 083 986 1, 006 The control full operation.  For each of full operation. 1, 295 1, 204 945 1, 122 1, 087 1, 279 1, 200 1, 083 986 1, 006 St. each of morth operation.  For each of morth operation. 1, 295 1, 204 945 1, 122 1, 087 1, 279 1, 200 1, 083 986 1, 006 St. each of morth operation.  For each of morth operation. 1, 295 1, 204 945 1, 122 1, 087 1, 279 1, 200 1, 083 986 1, 006 St. each operation.  For each of morth operation. 2, 104 1, 204 1, 204 1, 205 1,	3 1, 267 4 44.6 6 4, 388 5 4, 881 	1,006 35.4 4,397 4,388 4,955 4,881 197,730 61,106 168,931 18,882 42,442 2,073 121,490	66 1,006 0 35.4 00 4,397 18 4,955	986 34.0 4, 480 6, 188	1, 083 37, 4 4, 946 4, 268 80, 366 252, 891 96, 374 199, 083	1, 260 43. 5 4, 852 4, 718	1, 279 44. 1 4, 799 4, 120	1, 087 37. 5 5, 063 3, 567 173, 366 423, 139 159, 160	1, 122 38. 7 5, 254 1, 843	945 32. 6 5, 454 2, 849	1, 204 41. 5 5, 301 5, 140	1, 295 44. 7 5, 152 3, 154		Totalnumber of turns_ Percent of full operation Shipments: Totalnumber of turns_ Percent of full operation Stocks, end of monthnumber of turns_ Plate glass, polished, production#
Shipments   Total   number of turns   1,205   1,204   945   1,122   1,087   1,279   1,260   1,083   986   1,006   Percent of full operation   1,205   144.7   41.5   32.6   38.7   37.5   44.1   43.5   37.4   34.0   35.4   35.0   35.	4 44.6 7 4,388 5 4,881 	35. 4 4, 397 4, 388 4, 955 4, 881 197, 730 61, 106 168, 931 18, 882 42, 442 2, 073 121, 490 17, 249	0 35.4 0 4,397 8 4,955	34.0 4, 480 6, 188	37.4 4,946 4,268 - 80,366 - 252,891 96,374 - 199,083	43.5 4,852 4,718	44. 1 4, 799 4, 120	37. 5 5, 063 3, 567 173, 366 423, 139 159, 160	5, 254 1, 843	32. 6 5, 454 2, 849	41. 5 5, 301 5, 140	1, 295 44. 7 5, 152 3, 154		Shipments: Total number of turns.  Terest of full operation.  Stocks, and of month number of turns.  Plate glass, polished, production#
Percent of full operation	4 44.6 7 4,388 5 4,881 	35. 4 4, 397 4, 388 4, 955 4, 881 197, 730 61, 106 168, 931 18, 882 42, 442 2, 073 121, 490 17, 249	0 35.4 0 4,397 8 4,955	34.0 4, 480 6, 188	37.4 4,946 4,268 - 80,366 - 252,891 96,374 - 199,083	43.5 4,852 4,718	44. 1 4, 799 4, 120	37. 5 5, 063 3, 567 173, 366 423, 139 159, 160	5, 254 1, 843	32. 6 5, 454 2, 849	41. 5 5, 301 5, 140	44. 7 5, 152 3, 154		Percent of full operation
Plate glass, polished, productions thous. of sq. ft 7, 922 3, 154 5, 140 2, 849 1, 843 3, 567 4, 120 4, 718 4, 268 6, 188 4, 955 GYPSUM*  Crude (quarterly):	5 4,881 197,730 61,106 168,931 18,882 42,442 2,073 121,490 17,249	197, 730 61, 106 168, 931 18, 882 42, 442 2, 073 121, 490	4, 955	6, 188	4, 268 80, 366 252, 891 96, 374 199, 083	4,718	4, 120	3, 567 173, 366 423, 139 159, 160	1,843	2, 849	5, 140	3, 154	1	Plate glass, polished, production#
Crude (quarterly): Imports	197, 730 61, 106 168, 931 18, 882 42, 442 2, 073 121, 490	197, 730 61, 106 168, 931 18, 882 42, 442 2, 073 121, 490			80, 366 252, 891 96, 374 199, 083			173, 366 423, 139 159, 160					7,922	LHOUS, OF SOLETE
Crude (quarterly): Imports.	18, 882 18, 882 2, 073 121, 490 17, 249 17, 249 17, 249 18, 100	168, 931 18, 882 42, 442 2, 073 121, 490 17, 249			199, 083		ł	1			103 844		1	•
Imporis	18, 882 18, 882 2, 073 121, 490 17, 249 17, 249 17, 249 18, 100	168, 931 18, 882 42, 442 2, 073 121, 490 17, 249			199, 083		ł	1			103 844			Crude (quarterly):
Calcined (quarterly): Production	18, 882 18, 882 2, 073 121, 490 17, 249 17, 249 17, 249 18, 100	168, 931 18, 882 42, 442 2, 073 121, 490 17, 249			199, 083		ł	1			374 403			Imports short tons short tons
Production	18, 882	18, 882 42, 442 2, 073 121, 490			1			262, 812			153, 793	•	1	L'alcined (dijarteriy):
Shipments:   Board, plaster (and lath)   thous of sq. ft	2, 073 121, 490 17, 249	2, 073 121, 490 17, 249			22, 951 41, 663			1			298, 767	<b></b>		Productionshort tons.
Plasters, neat, wood fiber, sanded, gaging, finish, etc	2, 073 121, 490 17, 249	2, 073 121, 490 17, 249			41,663			31, 435		<b></b> .	35, 147			Shipments:
Plasters, neat, wood fiber, sanded, gaging, finish, etc	121, 490 17, 249	121, 490		1	2,634			52, 441 3, 597			71, 565 4, 029			Board, wall thous. of sq. ft. Cement. Keenes short tons
Tile, partition thous of sq. ft. 20, 404 1, 377 672 790 1, 365 1, 188 1, 306 292 Value thous of dozen pairs thous of dozen pairs thous of dozen pairs thous of dozen pairs thous of dozen pairs thous of dozen pairs thous of dozen pairs thous of dozen pairs thous of dozen pairs thous of dozen pairs thous of dozen pairs thous of dozen pairs thous of dozen pairs thous of dozen pairs 3,754 3,914 3,006 4,043 4,413 3,617 2,877 5,306 6,93 6,682 Production thous of dozen pairs 3,754 3,914 3,006 4,043 4,413 3,617 2,877 5,306 6,93 6,682 Production thous of dozen pairs 3,754 3,914 3,006 4,043 4,413 3,617 2,877 5,306 6,93 6,683 6,680 4,695 5,44 197 5,466 6,93 6,680 4,695 5,44 197 5,466 6,93 6,680 4,695 5,44 197 5,466 6,93 6,680 4,695 5,44 197 5,466 6,93 6,680 4,695 5,44 197 5,466 6,93 6,680 4,695 5,44 197 5,466 6,93 6,680 4,695 5,44 197 5,466 6,93 6,680 4,695 5,44 197 5,466 6,93 6,680 4,695 5,44 197 5,466 6,93 6,680 4,695 5,44 197 5,466 6,93 6,680 4,695 5,44 197 5,44 663	17, 249	17, 249			j.	Į.	i		i		230, 645			Plasters, neat, wood fiber, sanded,
TERBA COTTA  Orders, new: Quantityshort tons1, 297	1,406	1 1 406			18, 219		ļ	19, 130			20, 404			For pottery, terra cotta, plate glass, mixing plants, etcshort tons.
Orders, new: Quantityshort tons.		2, 100			1,393			1,842			2, 266			
Quantityshort tons.					}	,		]	1					
CLOTHING  Hosiery:* Orders: Newthous. of dozen pairs				1,306 a79	1, 188 92	1,365 96			1,377 118	2, 504 194			1, 297 72	Quantity short tons. Value thous. of dolls.
Hosiery:* Orders: Newthous. of dozen pairs							_	ucts	PROD	ILE I	TEXT			
Orders: Newthous. of dozen pairs												ĺ		
Unfilled, end of month thous, of dozen pairs.  1, 937 2, 082 2, 196 3, 360 4, 043 4, 413 3, 617 2, 877 53, 006 52, 826  Production thous, of dozen pairs 3, 754 3, 914 3, 009 4, 117 5, 346 6, 003 5, 680 4, 695 54, 107 54, 063	) h = 000	12 060 1 5 000	e 12 0en	N2 666	4 105	E 145	e ron	8 600	E 505	9 174	4 024	4 200		Orders:
Production thous of dozen pairs 1 1 3 754   3 914   3 909   4 117   5 346   6 903   5 680   4 695   64 197   64 963	1 1	1 1				1 .		[ '			1		ì	Unfilled, end of month
	3   4,408	64,063 64,408	7 64.063	b 4. 197	4, 695	5, 680	6,003	5, 346	4, 117	3,009	3,914	3, 754 4, 072		Production thous of dozen pairs. Shipments net thous of dozen pairs.
Shipments, netthous of dozen pairs	8,776		0 00,010	\$ 9, 010	8, 251	8, 070				9, 243		9, 047		Stocks, end of month_thous. of dozen pairs_ Men's and boys' garments cut:
Overcoats	7   b 216 6 b 1, 676		8 \$267 0 \$1,436	\$ 178 \$ 1, 390	172 1, 164	554 1, 495	638 1, 947	482 2, 025	285 1,664	139 1, 256	50 1, 795			Overcoatsthous, of garments.
Suits	0 0 1,745	▶1,850 ► 1,745	60 61,850	b 1, 450	1,077	964		1,734	1,480	974	946			Suitsthous. of garments.
COTTON						İ								
Consumption †thous. of bales 621 332 323 279 403 492 502 504 440 471 442	2 494	442 494	1 442	471	440	504	502	492	403	279	323	332	621	Consumption †thous. of bales.
Exports: Quantity, exclusive of linters												İ		Exports: Quantity, exclusive of linters
Value. (See Foreign Trade.) 592 501 360 449 452 734 1,008 1,012 1,040 794 557	7 488	557 488	4 557	794	1,040	1,012	1,008	734	452	449	360	501	592	Value. (See Foreign Trade.)
Ginnings (total crop to end of month)  thous of bales 71 865 4,835 9,246 11,631 12,086 12,418	12,710		8	12, 418									ļ	thous. of bales_
Imports thous of bales 9 23 19 8 7 7 4 9 11 21 16 Prices:	1	1 1	i	i		1	1				1			Prices:
To producer dolls, per lb 0.82 0.52 0.46 0.51 0.65 0.72 0.64 0.59 0.54 0.56 0.55 0.58 0.074 0.077 0.066 0.062 0.059 0.062 0.061 0.06				.062	. 059	.059							082	To producer dolls. per lb. Wholesale, middling, N.Y. dolls. per lb.
Receipts into sightthous. of bales _ 705  350  219  107  316  1,826  2,928  2,748  1,571  1,065  591	561	591 561	591	1,065	1,571	2,748	2, 928	1,826	516	107	219	350	705	Receipts into signtthous, of bales.
Stocks, end of month:	, , , , , , ,	10.000											2 == 2	Stocks, end of month: † Domestic, total mills and warehouses
thous of bales. 8,716 9,078 8,472 7,198 7,638 9,056 11,094 12,134 11,880 11,516 10,822 Mills thous of bales 1,395 1,463 1,321 1,218 1,090 1,087 1,267 1,457 1,530 1,495 1,442 Warehouses thous of bales 7,321 7,615 7,151 6,700 6,548 7,969 9,827 10,677 10,350 10,021 9,380	2   1,343	1,442 1,343	5 1,442	1,495	1,530	1, 457	1. 267	1,087	1,090	1. 218	1, 321	1, 463	8, 716 1, 395	Millsthous. of bales.
Warehousesthous of bales _ 7,321	9   8,907	10, 182   9, 796	9 10, 182	10, 021	10, 350	10, 518	9,479	8, 251	7,602	7,793	8,205	8,738	9,014	World visible supply, totalthous. of bales_

<sup>#</sup> Figures for 1932 represent total industry; 1933 figures incomplete.

New series. For earlier data on gypsum see p. 20 of the January 1933 issue.

For hosiery see p. 19 of the April 1933 issue.

Partly estimated.

Monthly statistics through December 1931,	1933	1			19	32					19	933	
together with explanatory footnotes and refer- ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	May	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
		TEXT	TILE	PROD	UCTS	Con	tinued						
COTTON MANUFACTURES													
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:	38, 362 3, 047 9, 927	26, 756 1, 608 12, 554	25, 281 1, 556 12, 473	26, 475 1, 400 11, 738	33, 551 1, 798 11, 188	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
22/1s, cones, Bostondolls, per lb 40/1s, southern, spinningdolls, per lb Cotton goods: Abrasive cloth. (See Paper Products.)		. 162 . 270	. 155 . 263	. 157 . 255	. 183 . 264	. 208	. 196 . 281	. 187 . 271	. 174 . 270	. 168 . 270	. 163 . 270	. 276	.278
Cotton cloth:  Exports	27, 384 4, 808	39, 757 3, 182	29, 888 1, 911	33, 824 1, 861	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
Prices, wholesale: Print cloth, 64 x 60dolls. per yd Sheeting, brown, 4 x 4 (Trion mill) dolls. per yd	. 048	.031 .040	.031	.031	.039	.041	.037	.033	. 033	.032	.031	. 032	. 037
Cotton cloth finishing: Printed only (mills and outside): Productionthous. of yd Stocks, end of monththous. of yd	* 88, 278 81, 740	43, 869 86, 324	40, 993 71, 364	37, 404 71, 624	64, 480 62, 547	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
White, dyed and printed (outside mills): 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)	55, 018 68 72, 565 3, 0 34, 684	37, 340 37 32, 143 1, 5 23, 972	36, 855 33 28, 090 1. 0 21, 295	25, 532 32 27, 396 1, 1 16, 073	38, 092 42 48, 994 2, 2 21, 802	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
Spindle activity:† Active spindles	15, 418 24, 571 8, 310 268 112, 3	15, 355 21, 633 4, 592 145 63. 3	14, 659 20, 647 4, 250 134 57, 6	13, 347 19, 758 3, 656 115 51. 5	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
RAYON AND SILK Rayon:													
Imports thous of lb- Price, wholesale, 150 denier, "A" grade, N.Y. dolls per lb- Stocks, imported, end of month thous of lb-	. 55	48 .65 305	51 . 55 347	285 . 55 321	400 .55 286	.60 240	517 . 60 228	425 . 60 225	285 . 60 226	221 .60 241	351 . 60 241	45 .60 257	. 55 253
Silk:  Deliveries (consumption) bales Imports, raw thous. of lb Operations, machinery activity:	47, 151 6, 404	32, 923 4, 474	37, 466 4, 756	38, 382 4, 931	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
Broad looms percent of capacity Narrow looms percent of capacity Spinning spindles percent of capacity Prices, wholesale:	75. 4 46. 0 52. 3	43. 2 39. 6 30. 4	39. 5 35. 8 28. 6	47. 1 45. 9 41. 0	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
Raw, Japanese, 13-15, N. Y. dolls. per lb. Silk goods, composite. dolls. per yd. Stocks, end of menth: World, visible supply bales.	1. 586 . 95	1. 231 . 90 236, 412	1. 194 . 90 224, 552	1. 231 . 90 240, 954	1. 647 . 92 246, 148	1. 805 . 92 249, 258	1. 673 . 92 246, 450	1. 562 . 92 258, 280	1. 550 . 91 282, 616	1. 305 . 90 256, 142	1, 201 , 89 239, 864	1. 182 . 89 237, 236	1. 324 . 92 234, 523
United States: At manufacturersbales_ At warehousesbales_	20, 243 40, 125	26, 008 59, 159	25, 521 53, 048	20, 011 50, 721	24, 951 52, 228	22, 250 49, 393	22, 826 54, 465	24, 336 57, 932	22, 443 62, 837	23, 406 69, 747	22, 074 60, 459	20, 243 40, 814	21, 151 43, 038
WOOL  Consumption, grease equivalentthous. of lb	46,898	16, 519	18, 933	26, 719	41, 361	46, 055	42, 423	38, 963	36, 532	35, 510	33, 278	24, 943	28, 701
Imports, unmanufactured \( \)thous. of lb_ Operations, machinery activity: Combspercent of capacity_ Looms:	3, 179 107	2, 832 31	2, 697 39	848 65	693 85	1, 554	4, 468 100	5, 408 82	4, 977 92	5, 134 84	4, 864 87	4, 451 55	6, 140 62
Carpet and rug percent of capacity Narrow percent of capacity Wide percent of capacity Spinning spindles:	31 46 66	23 18 28	18 16 31	19 17 45	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
Woolenpercent of capacity Worstedpercent of capacity Prices, wholesale: Raw, territory, fine, scoureddolls. per lb	77 72 .63	30 25 .42	30 34 .38	39 50 . 36	59 57 . 39	70 74 .48	73 73 . 47	60 58 .45	55 57 . 44	59 56 . 44	60 57 . 43	42 32 . 44	53 35 . 49
Raw, Ohio and Penn. fleeces dolls. per lb Suiting, unfinished worsted, 13 oz. (at mill) dolls. per yd Women's dress goods, French serge, 54" (at	1.395	1.300	1. 125	1. 125	1. 135	. 23 1. 175	1. 175	. 21 1. 175	. 20 1. 175	. 20 1. 175	. 19 1. 175	. 19 1. 175	. 20 1. 163
factory)dolls. per yd Worsted yarn, 2/32s, cross-bred stock, Boston dolls. per lb	. 780 . 93 17, 630	. 880 . 80 10, 942	. 800 . 75 28, 665	. 750 . 75 52, 339	. 750 . 76 42, 909	. 750 . 85 28, 281	. 750 . 88 17, 556	. 750 . 85 11, 858	. 750 . 83 5, 927	.750 .80 8,978	.750 .80 9,281	. 750 . 80 4, 657	. 750 . 83 6, 835
Receipts at Boston, total thous, of lb.  Domestic thous, of lb.  Foreign thous of lb.	17, 630 17, 415 215	10, 942 10, 272 670	28, 134 531	50, 934 1, 405	42, 764 145	28, 209 72	16, 960 596	11, 136 11, 136 722	5, 927 5, 063 864	7, 991 987	8, 384 897	4, 032 625	6, 544 291
MISCELLANEOUS PRODUCTS Burlaps and fibers, imports:													
Burlaps and noers, imports.  Burlaps thous of lb. Fibers long tons.	30, 192 20, 079	24, 231 17, 095	34, 234 25, 937	17, 883 23, 886	29, 931 24, 457	23, 114 25, 737	22, 403 23, 323	31, 340 21, 895	29,064 a 21,344	28, 865 22, 937	22, 413 17, 521	34, 842 25, 118	27, 284 12, 307

fibers.......long tons...| 20,079 | 17,095 | 25,937 | 23,886 | 24,48 | 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.

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	May	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
		TEXT	TILE :	PROD	UCTS	S—Cor	tinued						· · · · · · · · · · · · · · · · · · ·
MISCELLANEOUS PRODUCTS-Con.													•
Buttons and shells: Buttons: Imports, totalsthous. of gross From Philippinesthous. of gross Fresh-water pearl:		65 53	76 68	65 58	93 87	69 66	50 47	72 67	77 64	88 49	73 57	71 58	75 61
Production percent of capacity. Stocks, end of month thous, of gross. Shells, imports, total thous of lb. Mother of pearl thous of lb. Tagua nuts, imports thous of lb. Elastic webbing, shipments thous of dolls. Fur, sales by dealers thous (artificial leather): Orders, unfilled, end of month:	567 549 1, 176 3, 288	32. 6 8, 139 292 243 1, 236 561 2, 447	27. 3 8, 849 233 223 258 580 2, 247	18. 0 8, 234 855 235 1, 053 454 2, 233	30, 3 7, 939 751 184 609 518 2, 879	39. 2 7, 340 271 219 516 774 4, 016	46. 3 7, 136 356 285 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	40. 0 7, 971 684 677 864 663 1, 547	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
Pyroxylin spreadthous. of linear yd Shipments, billedthous. of linear yd		1, 829 2, 094 2, 189	1, 578 1, 944 2, 236	1, 572 1, 474 1, 595	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, 635 2, 894 2, 658
	7	TRAN	SPOR	TATI	ON E	QUIP	MENT	r					
AIRPLANES Production, totalnumber		114	110	89	101	118	111	98	125 37	87	92	119	
Commercial (licensed) number. Military (deliveries) number. For export number.		75 28 11	63 36 11	48 38 3	59 18 24	58 29 31	48 21 42	34 20 44	37 49 39	35 27 25	21 30 41	44 45 30	
AUTOMOBILES  Exports: Canada: Automobiles, assemblednumber Passenger carsnumber		333 261	768 741	1, 493 1, 308	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
United States: Autos and Parts, value. (See Foreign Trade.) Automobiles, assembled, total \$number. Passenger cars \$number. Trucks \$number.	7, 538	5, 107 3, 604	4, 359 2, 972	4, 904 3, 039	4, 937 2, 893	5, 654 3, 053	4, 282 1, 733	3, 115 1, 762	4, 978 2, 757	10, 143 7, 059	8, 657 5, 521	8, 056 5, 528	8, 318 5, 662
Trucks §	1	1, 503 58, 436 33, 591 23, 258	1, 387 63, 169 38, 329 23, 395	1, 865 44, 717 24, 149 19, 225	2, 044 45, 069 24, 645 18, 909	2, 601 38, 837 21, 551 15, 989	2, 549 33, 624 17, 644 15, 036	1, 353 27, 727 13, 981 12, 834	2, 221 27, 025 14, 091 12, 174	3, 084 4 31, 265 4 18, 334 4 12, 152 4 779	3, 136 a 29, 175 a 16, 860 a 11, 694	2, 528 a 33, 540 a 19, 466 a 13, 327	2, 656 45, 346 28, 229 16, 093
thous. of dolls	1	i	1, 445 43, 682	1, 342 26, 016	1, 516 22, 104	1, 297 18, 677	943	913	760 20, 131	a 779 a 30, 159	<sup>a</sup> 621 <sup>a</sup> 27, 551	a 748 a 27, 716	1, 023 40, 912
Fire-extinguishing equipment: Shipments: Motor-vehicle apparatusnumber Hand typesnumber. Production:		38 15, 378	46 14, 037	35 13, 876	25 14, 314	27 15, 222	19 12, 867	14 12, 036	 			, 	
Automobiles: Canada, total	1 94	8, 221 7, 269 184, 295 157, 683 73 26, 539 692 131, 282	7, 112 6, 308 183, 106 160, 103 235 22, 768 499 148, 752	7, 472 6, 773 109, 143 94, 678 27 14, 438 339 104, 188	4, 067 3, 166 90, 325 75, 898 9 14, 418 222 93, 457	2,342 1,741 84,150 64,735 13 19,402 198 81,893	2, 923 2, 361 48, 702 35, 102 5 13, 595 237 63, 195	2, 204 1, 669 59, 557 47, 293 239 12, 025 455 44, 358	2, 139 1, 561 107, 353 85, 858 291 21, 204 559 45, 683	3, 358 2, 921 130, 044 108, 321 5 21, 718 727 79, 821	3, 298 3, 025 106, 825 91, 340 152 15, 333 580 69, 464	6, 632 5, 927 a117, 949 a 99, 225 660 a 18, 064 347 78, 741	8, 255 6, 957 a 180, 667 a 152, 939 a 411 a 27, 317 898 119, 909
Sales (General Motors Corp.):	85, 969 98, 205 85, 980	63, 500 66, 739 60, 270	56, 987 52, 561 46, 148	32, 849 36, 872 31, 096	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
Jan. 1925=100  Accessories, original equipment Jan. 1925=100  Accessories to wholesalersJan. 1925=100  Replacement partsJan. 1925=100  Service equipmentJan. 1925=100		53 55 109 59	56 45 57 118 50	37 49 90 37	35 24 47 94 40	35 22 56 99 43	39 26 85 91 36	45 36 73 86 31	51 48 54 76 28	51 46 46 84 36	50 45 40 84 34	33 42 87 32	
RAILWAY EQUIPMENT Equipment condition:													
Freight cars owned: Capacity	197, 664 2, 088 303, 758 14. 7	203, 657 2, 166 230, 820 10. 8	203, 376 2, 163 234, 315 11. 0	202, 807 2, 157 245, 749 11. 5	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	4 198, 158 2, 095 286, 987 13. 8
Owned: Tractive powermills. of lb_ Number, totalnumber_ Awaiting classified repairsnumber_ Percent of totalnumber_ Installednumber_ Retirednumber_	2,410 51,653 11,103 21.9 43 410	2, 471 53, 696 8, 142 15. 5 55 174	2, 467 53, 572 8, 233 15. 8 54 178	2, 459 53, 264 8, 291 16. 0 29 338	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
Passenger cars: On railroads (end of quarter)number_ Equipment manufacturing: Freight cars:	8	26	49, 957 50	25	16	49, 310 1, 285	0	2	48, 988 50	3	0	48, 599 6	50
Orders, new, placed by railroadscars. Orders, unfilled, totalcars Equipment manufacturerscars Railroad shopscars Shipments, totalcars Domestic	1, 205 0 1, 205 3	2, 429 0 2, 429 153 153	1,851 0 1,851 3	1, 572 0 1, 572 3	1, 404 0 1, 404 44	1, 275 0 1, 275 1	2, 465 0 2, 465 0	2, 398 0 2, 398 12 12	2, 431 50 2, 381 15 14	2, 223 1 2, 222 3	1, 974 0 1, 974 15 15	1, 873 0 1, 873 9	1, 561 0 1, 561 0

<sup>•</sup> Revised. § Data revised for 1932. For revisions for full year 1932 see p. 54 of the June 1933 issue.

<sup>\*</sup> New series. Earlier data not published.

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	May	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
7	ran	spor	TATI	ON E	QUIP	MENT	Г—Сол	ntinued					
BAILWAY EQUIPMENT—Continued													
Equipment manufacturing—Continued Locomotives, industrial electric (quarterly): Shipments, totalnumber			8 8			12			14			12	
Mining usenumber Locomotives, railway: Orders, new, placed by railroads.number Orders, unfilled, end of month—	2	0	1	0	0	12 0	0	0	14	4	2	12	
Equipment manufacturers (Census)	69	146	129	120	111	98	86	78	73	71	65	69	6
Domestic, total number.  Electric number.  Steam number.	67 66 1	140 127 13	123 122 1	114 113	105 104 1	96 95 1 4	86 85 1	78 78 77 1 3	73 73 72 1	71 70 1	65 65 63 2 3	69 67 2	6 6 6
Railroad shops (A.R.A.)number Shipments: Domestic, totalnumber	1	6 13	6 17	6 9	5 9	9	3 10	8	3 6	3 2	7	3 2	
Electricnumber Steam number	1 0 5	0 13 5	5 12 6	9	9 0 1	9	10 0 12	8 0 2	6 0 6	0 0	7 0 2	0 9	
Exports, total§ number number Steam number number.	5 0	5 0	5 1	2 2 0	0 1	2 2 0	12 0	2 0	6 0	0	2 0	4 5	
Passenger cars: Orders, new, placed by railroads_number_ Orders, unfilled (end of quarter)_number_	0	0	0 44	0	0	0 47	0	0	0 15	0	0	4 4	
Orders, unfilled (end of quarter) number Shipments, totalnumber Domesticnumber	0	0	0	0	0	0	0	0	0	0	0 0	0	
ELECTRIC TRUCKS AND TRACTORS													
Shipments, industrial, totalnumber Domesticnumber Exportsnumber	22 22 0	19 19 0	25 20 5	19 19 0	19 19 0	16 16 0	31 27 4	12 12 0	13 13 0	21 21 0	27 27 0	38 38 0	1: 1
SHIPBUILDING													
United States:  Merchant vessels under construction thous. of gross tons		186	180	161	147	94	87	18	18	22	24	14	1:
Completed during month_total gross tons_ Steeltotal gross tons_	9, 474 7, 246	26, 260 22, 586	10, 782 7, 928	28, 338 27, 150	2, 697 240	10, 273 9, 601	22, 795 19, 834	39, 179 36, 733	7, 698 5, 888	15, 944 13, 741	9, 338 8, 531	41, 213 37, 537	2, 88 1, 57
World (quarterly): Launched: Numberships			84			53			58	 		55	
Number ships Tonnage thous of gross tons. Under construction: Number ships ships			193 224			188 192			213 203			93	
Number ships Tonnage thous, of gross tons.			1, 110			901			766			741	
		<b>C</b> .	ANAD	IAN	STAT:	ISTIC	s						
Business indexes: * Physical volume of business1926=100		79. 9	81. 4	78. 3	78. 1	77, 1	75. 3	75.8	72, 6	68. 1	67. 0	68. 4	70. 8
Industrial production, total		74. 6 31. 8	76. 9 28. 1 130. 5	74. 2 39. 4 129. 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 23. 4 136. 1	62. 5 16. 1 134. 4	65.0 20.0 134.9
Manufacturing 1926=100 Forestry 1926=100		77. 4 71. 4	82. 1 74. 5	76. 9 55. 9	75. 5 59. 6	74.3 60.5	70. 6 64. 7	72.3 65.8	70. 2 60. 0	62, 2 63, 4	58. 7 59. 8	62. 7 60. 7	66. 63.
Mining     1926 = 100       Distribution     1926 = 100       Carloadings     1926 = 100       Exports (volume)     1926 = 100		94. 4 94. 5 71. 2	92. 3 93. 7 70. 3	83. 4 89. 6 60. 5	84. 8 90. 4 64. 3	89. 5 91. 3 68. 1	99. 3 88. 8 59. 8	86. 4 86. 9 60. 1	90. 5 86. 1 58. 4	80. 5 84. 3 56. 1	94. 2 83. 8 57. 9	91. 4 84. 8 61. 8	81. 9 85. 9 69. 1
Exports (volume) 1926=100 1mports (volume) 1926=100 17 1926=100		59. 1 72. 9 117. 8	59. 3 69. 7 117. 4	62. 9 63. 2 115. 9	63. 0 63. 8 115. 3	64. 6 64. 7 114. 3	66. 4 67. 5 113. 7	47. 3 70. 6 111. 6	47. 5 59. 8 113. 4	56. 6 52. 4 111. 5	49, 6 50, 8 110, 9	51, 1 50, 0 110, 5	47. 44. 110.
Exports (volume) 1926=100  Imports (volume) 1926=100  Trade employment 1926=100  Agricultural marketings 1926=100  Grain marketings 1926=100  Livestock marketings 1926=100  Commodity priose:		84. 4 82. 8	221. 4 250. 8	135. 9 147. 9	196. 6 222. 6	189. 0 213. 9	83. 8 87. 4	62.3 59.5	59. 1 56. 6	56. 1 52. 5	76. 5 75. 9	129. 0 140. 2	104. 109. 79.
Cost of living index 1926=100	77. 6	91. 5 81. 8	89. 4 81. 0	82. 1 80. 8	79. 9 81. 4	77. 1 81. 1	67. 4 80. 4	74. 5 80. 4	70. 3 80. 0	71. 9	79. 4 79. 0	77. 8 78. 4	78.
Wholesale price index	66. 9 77. 6 60. 8	67. 7 87. 5 83. 2	66. 6 89. 1 92. 9	66. 6 88. 7 93. 3	66. 8 86. 3 90. 0	66. 9 86. 0 84. 4	65. 0 86. 7 84. 3	64. 8 84. 7 77. 9	64. 0 83. 2 67. 6	63. 9 78. 5 58. 5	63. 6 4 77. 0 4 56. 2	64, 4 76, 9 56, 5	65. 4 76. 0 54. 1
Manufacturing 1926=100. Mining 1926=100. Service 1926=100.	76. 8 89. 9 99. 9	85. 8 97. 9 114. 7	86. 0 96. 8 116. 8	85. 4 95. 0 119. 9	82. 6 94. 8 117. 0	83. 1 96. 5 119. 4	84. 1 98. 2 109. 8	81. 7 101. 2 106. 5	80. 3 99. 9 103. 7	74. 4 96. 9 102. 2	75. 0 94. 0 104. 2	75. 8 94. 6 102. 9	76. 91. 102.
Trade 1926=100 Transportation 1926=100	108. 6 78. 9	116. 2 84. 3	116. 1 85. 5	115. 4 85. 9	113. 8 85. 3	113. 1 86. 5	114. 5 87. 2	115. 4 84. 5	117. 8 83. 9	119. 6 78. 3	109. 4 75. 0	107. 3 74. 1	107. 0 74. 2
Finance: Banking: Bank debitsmills. of dolls		2, 175	2, 203	2, 176	2, 116	2, 098	2, 367	2, 466	2, 085	1, 969	1, 830	1,887	1, 877
Exchange. (See Finance.) Interest rates	98. 1	113. 2 195	114. 4 233	110. 6 249	103. 3 253	101. 9 246	98. 1 295	102. 3 301	102. 7 273	99. 2 279	98. 7	100.0	101. 3
Life insurance, sales of ordinary life (15 cos.) thous. of dolls Security issues and prices:	30, 497	30, 998	40, 963	34, 469	28, 370	25, 207	29, 858	34, 003	33, 483	29, 367	26, 323	29, 763	29, 770
New bond issues, totalthous. of dolls Corporationthous. of dolls Dominion and provincial	11, 173 485	24, 520 0	20, 735 50	27, 972 1, 350	59, 529 360	71, 103 180	106, 046 125	45, 094 825	178 0	19, 987 0	425 0	731 625	10, 70
thous. of dolls Municipalthous. of dolls	7, 815 2, 873	17, 750 6, 770	5, 000 15, 685	21, 150 5, 472	55, 980 3, 189	68, 350 2, 573	104, 275 1, 646	35, 000 9, 269	0 178	19,000 987	0 425	0 106	10, 707
Railways thous of dolls Bond yields percent. Common stock prices, total 1926=100.	63. 7	5. 42 45. 8	5. 48 43. 2	5. 30 49, 6	0 4. 95 59. 0	4. 88 63. 0	0 4.70 54.8	4, 90 53, 4	0 4. 92 51. 3	0 4.75 51.6	0 4.73 47.6	0 4.79 47.3	4. 85 51. 9
Banks	64. 6 85. 8	65. 7 51. 4	60. 5 48. 8	67. 1 56. 6	73. 9 69. 9	76. 1 73. 8	74. 4 63. 1	69. 6 62. 5	67. 5 58. 4	67. 5 59. 6	65. 5 56. 3	62. 3 57. 3	59. 8 67. 5
Revised.     New series For earlier data see p. 18 of the	47. 2	36.9	34.9	41.8	51.9	56.9	49.1	46.6	45. 1	44.6	38.6	38.2	38. 5

<sup>Revised.
New series. For earlier data see p. 18 of the February 1933 issue.
Data revised for 1932. For revision for full year 1932 see p. 55 of the June 1933 issue.</sup> 

Monthly statistics through December 1931, together with explanatory footnotes and refer-	1933				1	.932					19	33	
ences to the sources of the data, may be found in the 1932 Annual Supplement to the Survey	Мау	Мау	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	January	Febru- ary	March	April
	C	ANAI	OIAN	STAT	ISTI	c <b>s</b> —c	ontinue	ed					
Foreign trade:  Exportsthous. of dolls.  Importsthous. of dolls.  Exports, volume:  Automobiles. (See Transportation Equip.)  Newsprint. (See Paper and Paper Products.)	46, 109 32, 927	41, 402 44, 361	41, 701 40, 743	43, 032 35, 711	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
Wheat flour thous, of bu Wheat flour thous, of bbl Trade with U.S. (See Foreign Trade.) Railway statistics:	21, 465 565	15, 543 462	15, 857 571	19, 620 446	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
Carloadings thous. of cars Financial results:		183	185	157	176	216	212	193	153	134	133	157	162
Operating revenuesthous of dolls Operating expensesthous of dolls Operating incomethous of dolls		23, 400 21, 245 1, 191	24, 813 21, 654 2, 328	22, 970 21, 053 1, 027	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 d 2, 073	20, 612 19, 161 520	
Operating results: Freight carried 1 milemills. of tons_ Passengers carried 1 mile		1, 632	2, 023	1, 569	1,572	3, 043	2, 607	2, 181	1,740	1, 388	1, 302	1,712	
mills, of passengers		110	129	147	138	122	96	90	130	95	88	97	
Commodity statistics: Production: Automobiles. (See Transportation Equip.) Electrical energy, central stations													
mills. of kwhr Pig ironthous. of long tons Steel ingots and castings	0	1, 271 13	1, 198 8	1, 156 7	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
thous. of long tons Livestock, inspected slaughter:	23	29	18	28	27	23	17	37	31	41	12	11	12
Cattle and calvesthous, of animals Swinethous, of animals Sheep and lambsthous, of animals Newsprint. (See Paper and Paper Prod-	116 279 30	95 255 23	85 248 50	73 192 64	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
ucts.) Silver. (See Finance.) Wheat, visible supply. (See Foodstuffs.) Wheat flourthous. of bbl		1, 041	1, 151	1, 202	1, 272	1, 385	1,722	1,943	1,010	859	845	1, 005	1, 013

d Deficit.

## CHANGES IN STATISTICAL SERIES MADE SINCE PUBLICATION OF THE 1932 ANNUAL SUPPLEMENT

Fairchild retail price index.  World prices, foodstuffs and raw materials.  Chain-store sales index.  Department-store sales, Philadelphia.  Factory employment, Baltimore, Milwaukee, Maryland, and Massachusetts.  Miscellaneous employment.  Civil service, United States.  Trade union members employed, by groups.  Factory pay rolls, Baltimore, Milwaukee, Philadelphia, Maryland, and Massachusetts.  Hourly earnings, United States (National Industrial Conference Board)  Weekly earnings, factory, Massachusetts.  Pyroxylin rods, sheets, and tubes, production, shipments.  Residual fuel oil, production and stocks.  Gas oil and distillates, production mad stocks.  Face brick, machine production.  Tin and terne plate, production.  Tin consumption in manufacture of tin and terne plate.  Miscellaneous employment—Federal and State highways, construction and maintenance.  28 Factory pay rolls, New York and Chicago.  29 Nonmanufacturing pay rolls—banks, brokerage houses, etc.; dyeing and cleaning; and laundries.  29 Nonmanufacturing pay rolls—banks, brokerage houses, etc.; dyeing and cleaning; and laundries.  29 Hard union members employed, by groups.  21 Englian travel, passengers carried, passenger miles flown.  Lard compound, wholesale price, tierces, Chicago.  11 Leather production (Tanner's Council).  12 Leather production (Tanner's Council).  13 Si  14 Hourity earnings, factory, Massachusetts.  29 Household truiture, plant operations, all districts.  15 Rope paper sacks, shipments.  20 Department-Federal and State highways, construction and chains, provents at this plant travel, passengers carried, passenger miles flown.  14 Leather production (Tanner's Council).  15 Rope paper sacks, shipments.  26 Construction indexes: Copper (mined), metals, nonferrous.  27 Construction volume (A.G.C.).  28 Construction volume (A.G.C.).  29 Limber's brack in the production indexes: Copper (mined), metals, nonferrous.  20 Construction volume (A.G.C.).  21 Leather production indexes: Copper (mined), metals, nonferrous.  22 Construction v	DATA DROPPED IN DECEMBER 1932 ISSUE—Continued	Continued	DATA ADDED IN DECEMBER 1932 ISSUE
World prices, foodstuffs and raw materials 24 Chain-store sales index 25 Department-store sales index 26 Department-store sales, Philadelphia 27 Practory employment 27 Practory pay rolls—banks, brokerage houses, etc.; dyeing and cleaning; and laundries 29 houses, etc.; dyeing and cleaning; and laundries 29 houses, etc.; dyeing and cleaning; and laundries 29 houses, etc.; dyeing and cleaning; and laundries 29 houses, etc.; dyeing and cleaning; and laundries 29 houses, etc.; dyeing and cleaning; and laundries 29 houses, etc.; dyeing and cleaning; and laundries 29 houses, etc.; dyeing and cleaning; and laundries 29 houses, etc.; dyeing and cleaning; and laundries 29 houses, etc.; dyeing and cleaning; and laundries 29 houses, etc.; dyeing and cleaning; and laundries 29 houses, etc.; dyeing and cleaning; and laundries 29 houses, etc.; dyeing and cleaning; and laundries 29 houses, etc.; dyeing and cleaning; and laundries 29 houses, etc.; dyeing and cleaning; and laundries 20 houses, etc.; dyeing and cleaning; and laundries 20 houses, etc.; dyeing and cleaning; and laundries 20 houses, etc.; dyeing and cleaning; and laundries 20 houses, etc.; dyeing and cleaning; and laundries 20 houses, etc.; dyeing and cleaning; and laundries and houses, etc.; dyeing and cleaning; and laundries and houses, etc.; dyeing and cleaning; and laundries and houses, etc.; dyeing and cleaning; and laundries and houses, etc.; dyeing and cleaning; and laundries and houses, etc.; dyeing and cleaning; and laundries and houses, etc.; dyeing and cleaning; and laundries and houses, etc.; dyeing and cleaning; and laundries and houses, etc.; dyeing and cleaning; and laundries and houses, etc.; dyeing and cleaning; and laundries and houses, etc.; dyeing and cleaning; and laundries and houses, etc.; dyeing and cleaning; and laundries and houses, etc.; dyeing and cleaning; and laundries and houseshold furthers, whoiseale price, tierces, Chicago and treased from expressions, and tubes, production, and stocks.  A greatory pay rolls, New York and Chicago a	Page	Page	
Canadian statistics, electric-power production index	ISSUE—Continued	Miscellaneous employment—Federal and State highways, construction and maintenance	Fairchild retail price index
Building costs, all types (American Appraisal Co.) 25   Sole and belting leather, production, stocks, all series   Scra Scra Scries   Scries   Scra Scries   Scra Scries   Scra Scries   Scra Scries   Scries   Scra Scries   Scra Scries   Scra Scries   Scra Scries   Scra Scries   Scra Scries   Scra Scries   Scra Scries   Scra Scries   Scra Scries   Scra Scries   Scra Scries   Scra Scries   Scries   Scra Scries   Scra Scries   S	Scrap rubber, stocks at reclaimers.  Face brick production (brick drawn from kilns).  Glass containers, net new orders.  Cotton textiles, production, shipments, stocks, etc.  Wool machinery activity, sets of cards.	series	Factory employment, Chicago

<sup>†</sup> Pages refer to those upon which series were last shown in the November 1932 and May 1933 issues.

## INDEX TO MONTHLY BUSINESS STATISTICS

Page	1	Page	1	Page
Abrasive paper and cloth	Factory operations, proportion of full time	_	Ohio River traffic	35
Acceptances, bankers' 30 Accessories, automobile 54	worked Failures, bank; commercial	28 31	Oils and fats	36, 37
Advertising, magazine, newspaper, radio 25, 26	Fairchild retail price index	24	Oleomargarine	23
Africa, United States trade with 34	Fares, street railways	34	Paints	38
Agricultural wages, loans 30 Air-conditioning equipment 47	Farm employees Farm prices, index	28 23	Passengers, street railways; Pullman	34,35
Air mail 26	Federal Government, finances	32	Passports issued	49.50
Airplanes 35,54 Alcohol, denatured, ethyl, methanol 36		25,28	l Pav rolls:	
Aluminum 48	Federal reserve banks, condition of Federal reserve member bank statistics	30 30	Factory, Federal Reserve Board	29 29
Animal fats, glues, greases 36,37	Fertilizers	36	Nonmanufacturing industries	29
Anthracite industry 22, 29, 42 Apparel, wearing 29, 52	Fire-extinguishing equipment	54 25	Pennsylvania, employment, pay rolls	28, 29
Argentina, United States trade with; ex-	Fish and fish oils	37.41	Petroleum and products 22, 27, 28, 29, Pig iron	22 45
change; flaxseed stocks 32,34,37	Flavened	37	Pork	40,41
Asia, United States trade with	Flooring, oak, maple, beech, and birchFlour, wheat.	44 40	Postal business	26
Automobiles 22, 27, 28, 29, 54	Food products 22, 23, 27, 28, 29, 39,	40,41	Postal savings Poultry	31 23.41
Babbitt metal	Footwear		Prices:	-
Bank suspensions 31	Foundry equipment	47	Cost of living, indexes	23 23
Barley 39 Bathroom fixtures 46	France, exchange; United States trade with.	32,34	Retail, indexes	24
Beef and veal 40	Freight cars (equipment)	27,54	Wholesale, indexes	24
Bituminous coal	Freight carloadings, cars, indexes	35	Werld, foodstuffs and raw material	24 50
Boiler and boiler fittings 46 Bonds, prices, sales, value, yields 33	Fruits	23,39	Production, industrial	22
Book publication 50	Fuel equipment	47,48	Profits, corporation	32
Boxes, paper, shipping 50	Furniture.	45.47	Pyroxylin productsPublic finance	38 32
Brass	Gas, customers, sales, revenues	38	Public utilities 28, 29, 34,	35,38
with 32,34,41	Gas and fuel oils	42,43 43	Pullman Co	35 48
Brick 51 Brokers' loans 30	Gasoline General Motors sales	43 54	Radiators	48 46
Bronze 49	Glass and glassware 22, 27, 28,	29,52	Radiators Radio, advertising	25
Building contracts awarded 24, 25	Gloves and mittens	43 32	Railroads; operations; equipment; financial	
Building costs	Goods in warehouses	26	statistics34,35, Railways, street	34, 33
Business activity index (Annalist) 22	Grains 23, 24, 3		Rayon	53
Business failures 31 Butter 39	Hardwoods	52 44	Real-estate market activity	53 25 54
Canadian statistics	Heels, rubber	51	Registrations, automobiles	23
Candy 41	Hides and skins	43	Retail trade:	
Canal traffic	Hogs 40,4	41,43 52	Chain stores: 5 and 10	26, 27
Carloadings 22,34,35	Hotels 28, 2	29,35	Grocery	27
Cattle and calves 40.43	Housing	23, 25	Restaurant	27 27
Cement	Illinois, employees, factory earnings 28,2	34	Department stores	27
Cheese39	Income-tax receipts	32	Roofing	38 39,40
Chile, exchange; United States trade with 32, 34 Cigars and cigarettes	Incorporations, businessIndustrial production, indexes	26 22	Rice Rubber, crude; scrap; clothing; footwear;	39,40
Civil-service employees. 28	Installment sales, New England	27	tires 22, 23, 24, 27, 28, 29,	50,51
Clay products 23, 24, 27, 28, 29, 51	Insurance, life Interest payments	31 33	Rye	40 46
Clothing	Interest rates	30	Sanitary wareSavings deposits	30
Cocoa 41	Investments, Federal reserve member banks_	30	Sheep and lambs	41
Coffee 23, 41 Coke 42	Iron, ore; crude; manufactures 22,4 Italy, exchange; United States trade with	32.34	Shoes22,24,25,26,27,28, Shipbuilding22,27,28,	29, 44
Collections, electrical trade	Japan, exchange; United States trade with 3		Silk	23,53
Commercial paper 30 Communications 35	Kerosene	43	Silver Skins	22,32
Construction:	Labor turnover, disputes4	29 11. 43	Softwoods	44,45
Contracts awarded, indexes 24 Costs 25	Lard	41	Spain, exchangeSpindle activity, cotton	32 53
Costs	Lead22,23,24,25,26,27,28,2	48	Steel, crude; manufactures 22,	46,47
Material costs 25	Leather, artificial	54	Stockholders	33
Copper         48           Copper wire cloth         49	Liberty bonds	33	Stock indexes, domestic and world Stocks, department stores	27
Copra and coconut oil	Linseed oil, cake, and meal23,40,4	11.43	Stocks, issues, prices, sales, yields	33
Corn 39 Cost-of-living index 23	Loans, agricultural, brokers', time	30	Stone, clay, and glass products 22, 23, 28, Sugar	31,52 23,41
Cotton, raw and manufactures 23,52	Locomotives 5 Looms, woolen, activity 5	53	Sulphur	36
Cottonseed, cake and meal, oil 37 Crops 23,37,39,40,52	Lubricating oil 22, 23, 24, 27, 28, 29, 4		Sulphuric acidSuperphosphate	36 36
Dairy products 23,39	Lumber 22, 23, 24, 27, 28, 29, 4	14,45 44	Tea	23,41
Debits, bank 30	Lumber yards, sales, stocks Machine activity, cotton, silk, wool	53	TeaTelephones and telegraphs	35
Debt, United States Government 32 Delaware, employment, pay rolls 28, 29	Machinery 25, 26, 27, 28, 29, 34, 47, 4	8,49	Terneplate	47 52
Department-store sales and stocks 27	Machine tools, orders, shipments	48	Tartiles misselleneous products	52 54
Deposits, bank 30	Manufacturing  Marketing, agricultural, forest products	22	Tile	44 45
Disputes, labor 29 Dividend payments 33	Marketing, agricultural, forest products	23 8, 29	Tin and tin plate	23,48
Douglas fir	Massachusetts, employment, pay rolls 2	8,29	Tires22, 24, 27, 28, 2	29,51
Earnings, factory 29, 30	Meats4 Metals22,23,27,28,29,45,4	0,41	Tine 22, 24, 27, 28, Tobacco 22, 25, 26, 27, 28, Tods, machine.	48
Eggs 23,41 Electric power, production, sales, revenues 22,38	Methanol	36	Trade-unions, employment	28
Electrical energy, consumption index 22, 23	Mexico:	42	TravelTrucks and tractors, industrial electric	35 55
Electrical equipment 48,49 Electric railways 34	Petroleum production and exports Silver production	32	United Kingdom, exchange: United States	
Employment:	United States trade with	34	trade with3	31,34
Cities and States 28 Factory, Federal Reserve Board indexes 27, 28	Milk22,42,4	39	United States Steel Corporation 30.3	33,47
Nonmanufacturing 28	Money in circulation	32	Utilities 28, 29, 32, 34, 35, 3	8,55
Miscellaneous data 28	Naval stores 2	3,36	Vegetable oils	37 23.30
	Netherlands, exchange	8.29	Wages	29,30
Engineering construction	Newsprint	50	Wages	26
England, exchange; United States trade with 32,34   Exchange rates, foreign 32	New York, employment, pay rolls, canal traffic 28, 2	9.35	Wheat and flour	35 3.40
Expenditures, United States Government 32	New York Stock Exchange 3	0,33	Wholesale prices	24
Explosives 36 Exports 34	Notes in circulation	30	Wisconsin, employment; pay rolls	28, 29 49
Factory employment, pay rolls, operations 27.	OatsOceania; United States trade with	39 34	Wool 22,2	23,53
28, 29, 30	Ohio employment	28	Zinc	22,48