U. S. DEPARTMENT OF COMMERCE<br>daniel c. roper, Secretary

BUREAU OF FOREIGN AND DOMESTIC COMMERCE Alexander V. Dye, Director

## 1936 SUPPLEMENT

# SURVEY OF GURRENT BUSINESS 

Prepared in the<br>DIVISION OF ECONOMIC RESEARCH<br>ROY G. BLAKEY, Chief<br>M. JOSEPH MEEHAN, Editor



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# 1936 Supplement to the Survey of Current Business 

## Foreword

THis is the first supplement to the Survey of Current Business that it has been possible to issue since 1932. In the interim many changes have occurred in the statistical series, and it has been very difficult to keep users apprised of such changes through the medium of the monthly numbers.

The present volume presents the statistical record, by months, for the years 1932 to 1935, inclusive, together with monthly averages, or annual indexes, back to 1913 where available. The material presented in the notes, beginning on page 154, has been brought up to date so as to present current descriptions of the individual series. The 1932 supplement carried monthly data from 1923 to 1931, and part of this monthly material is comparable with the data contained in the present volume. By comparing the monthly averages, or annual indexes, in the two volumes and consulting the notes, it is possible to determine the series in which changes have been made. Sales copies of the 1932 supplement are entirely exhausted, but these were furnished to all subscribers at the time of issue and to new subscribers for a considerable period thereafter. Copies were placed in the various Government depository libraries located throughout the country.

Where monthly data have been published in the monthly numbers issued subsequent to the publication of the 1932 supplement for the period prior to 1932, a page reference has been made in the notes mentioned above.

Users of the data should be careful to examine these notes on the sources of data and the nature of the series, since a large proportion of the time series represents sample data; some of the series are not homogeneous for the entire period covered by reason of the shifting character of the sample.

While a considerable expenditure of time and effort has gone into the preparation of this supplement, it is too much to hope that in dealing with dynamic material covering such extensive fields that absolute accuracy has been achieved. Consequently, it would be appreciated if users of the series, or the compiling organizations, would call to the attention of the editor any discrepancies or inconsistencies in the data which they may detect. This will facilitate the improvement of the next supplement which it is planned to publish 2 years hence-in 1938.

The material contained in the Survey represents a selection of the time series which are available on either a monthly or a quarterly basis. The series, which in number exceed 2,000 , are drawn from over 200 different Government and non-Government sources whose continuing cooperation is gratefully acknowledged. The chief function of this publication is to draw together in convenient summary form the statistics which, if published at all, are scattered in hundreds of different publications and reports.

Monthly issues of the Survey carry forward the statistical series presented in this volume, and also contain a review of economic trends, together with discussions of pertinent subjects in the form of special articles. The weekly supplements contain both weekly and monthly statistics, together with a series of charts of weekly data and a thumbnail sketch of business trends.
M. Joseph Meehan, Editor.

September 1936.

BUSINESS INDEXES-BUSINESS ACTIVITY (ANNALIST) ${ }^{1}$

| Year and Mon'th | Combined index | Automobile productlon | Boot and shoe produc- tion |  | Cement tion | $\begin{array}{\|c} \text { Cotton } \\ \text { con- } \\ \text { sump- } \\ \text { tion } \end{array}$ | $\left.\begin{array}{\|c\|} \text { Elec- } \\ \text { trit } \\ \text { power } \\ \text { produc- } \\ \text { tion } \end{array} \right\rvert\,$ | $\begin{gathered} \text { Lead } \\ \text { produc- } \\ \text { tion } \end{gathered}$ | $\begin{array}{\|l} \text { Lump- } \\ \text { ber } \\ \text { produc- } \\ \text { tion } \end{array}$ | $\begin{gathered} \mathrm{Plg} \\ \text { iron } \\ \text { produc- } \\ \text { tion } \end{gathered}$ | Rayon con- sump- tion | $\begin{gathered} \text { Silk } \\ \text { con- } \\ \text { sump- } \\ \text { tion } \end{gathered}$ | Steel ingot produc tion | $\begin{gathered} \text { Wool } \\ \text { con- } \\ \text { sump- } \\ \text { tion } \end{gathered}$ | $\begin{gathered} \text { Zinc } \\ \text { produc- } \\ \text { tion } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Computed normala 100 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1923 monthly average.- | 108.4 | 131.0 | 108.0 | 104.2 | 109.9 | 106.3 | 102.5 |  | 126.1 | 128.3 | 108.1 | 94.5 | 118.6 | 109.6 | 115.8 |
| 1924 monthly average. | 99.5 | 107.4 | 95.8 | 99.4 | 106.7 | 89.0 | 98.7 |  | 121.5 | 98.0 | 92.8 | 89.0 | 96.5 | 93.1 | 112.8 |
| 1925 monthly average... | 108.2 | 116.9 | 99.9 | 103.9 | 121.4 | 102.4 | 100.7 |  | 129.6 | 113.9 | 103.5 | 114.2 | 114.0 | 87.2 | 121.8 |
| 1926 monthly average... | 108.4 | 108.4 | 99.7 | 106.4 | 119.3 | 103.9 | 103.3 |  | 131.2 | 120.8 | 82.8 | 106.8 | 118.3 | 95.2 | 127.7 |
| 1927 monthly average... | 105.7 | 82.9 | 105. 4 | 103.9 | 122.8 | 114.9 | 102.3 |  | 127.5 | 110.4 | 115.9 | 110.5 | 120.2 | 98.4 | 119.2 |
| 1923 monthly average... | 107.4 | 110.0 | 105. 5 | 105.6 | 122.0 | 103.4 | 102.1 |  | 133.9 | 113.9 | 99.3 | 107.8 | 109.4 | 93.0 | 117.0 |
| 1929 monthly average. | 112.6 | 128.3 | 110.7 | 1.09 .0 | 117.2 | 113.3 | 105.2 |  | 140.9 | 128.7 | 113.9 | 110.6 | 127.1 | 102.0 | 116.4 |
| 1930 monthly average... | 96.4 | 82.0 | 93.3 | 97.9 | 107.8 | 88.7 | 99.7 | 116.7 | 102.7 | 95.0 | 85.3 | 98.5 | 89.2 | 81.4 | 90.9 |
| 1931 monthly average.- | 82.5 | 56.9 | 97.0 | 83.0 | 81.2 | 93.7 | 95.0 | 32.0 | 64.8 | 55.2 | 105.9 | 98.0 | 55.8 | 99.3 | 52.5 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January....-.- | 73.4 | 43.7 | 86.9 | 74.1 | 64.6 | 85.5 | 90.5 | 73.2 | 41.2 | 36.4 | 82.4 | 106.6 | 30.4 | 79.2 | 43.2 |
| Februars. | 71.4 | 33.5 | 95.8 | 71.7 | 50.0 | 87.4 | 88.5 | 68.4 | 37.3 | 36.4 | 76.3 | 87.3 | 37.6 | 80.7 | 43.4 |
| March.. | 69.8 | 27.4 | 102.6 | 69.1 | 47.2 | 89.4 | 87.6 | 70.3 | 41.7 | 32.2 | 76.2 | 88.6 | 31.8 | 67.3 | 42.7 |
| April | 66.8 | 32.7 | 94.3 | 68.9 | 43.8 | 69.3 | 86.3 | 55.9 | 44.0 | 28.7 | 61.3 | 72.6 | 30.2 | 44.7 | 41.3 |
| May | 64.3 | 43.0 | 90.9 | 63.2 | 46.2 | 68.2 | 84.6 | 59.0 | 44.0 | 26.1 | 48.9 | 71.0 | 28.0 | 38. 9 | 37.1 |
| June. | 63.9 | 47.3 | 91.2 | 63.5 | 51.0 | 70.5 | 83.6 | 62.6 | 40.7 | 22.8 | 48.2 | 79.6 | 24.4 | 49.4 | 35.7 |
| July... | 62.9 | 31.6 | 88.4 | 60.9 | 51.0 | 70.5 | 84.7 | 45.2 | 38.6 | 20.8 | 68.0 | 80.2 | 23.4 | 75.9 | 32.0 |
| August. | 64.4 | 24.6 | 96.6 | 61.5 | 46.3 | 92.5 | 82.9 | 52.2 | 36.4 | 19.3 | 109.4 | 110.4 | 22.2 | 101.5 | 28.9 |
| September | 68.5 | 25.4 | 107.6 | 66.7 | 51.3 | 109.5 | 84.3 | 52.6 | 35.9 | 22.9 | 120.0 | 113.2 | 27.3 | 115. 1 | 28.8 |
| October. | 69.8 | 17.5 | 106.7 | 72.0 | 52.3 | 102.7 | 35.5 | 54.5 | 38.3 | 24.2 | 117.9 | 103.0 | 29.2 | 100.1 | 31.5 |
| November | 69.2 | 28.2 | 100.3 | 71.0 | 46.9 | 100.4 | 85.3 | 65.8 | 34.6 | 24.8 | 112.6 | 85.5 | 20.2 | 00.0 | 33.3 |
| December. | 68.8 | 62.8 | 88.8 | 71.9 | 41.5 | 93.7 | 84.7 | 49.8 | 37.0 | 21.2 | 121.2 | 85.8 | 25.6 | 98.0 | 36.7 |
| Monthly average. | 67.8 | 34.0 | 95.8 | 87.9 | 49.3 | 86.6 | 85.7 | 66.3 | 39.2 | 26.3 | 86.8 | 90.3 | 28.6 | 78.9 | 38. 2 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 67.5 | 47.2 | 93.5 | 71.9 | 36.9 | 92.0 | 82.4 | 53.7 | 40.7 | 21.2 | 97.7 | 80.4 | 26.1 | 89.7 | 35.4 |
| February | 66.1 | 31.2 | 101.3 | 68.7 | 36.7 | 89.2 | 82.7 | 48.6 | 34.0 | 21.5 | 77.4 | 63.2 | 27.4 | 84.2 | 39.7 |
| March | 62.5 | 28.4 | 94.6 | 64.2 | 36.0 | 90.6 | 80.1 | 53.9 | 35.2 <br> 38 | 18.0 | 57.2 | 70.8 | 18.4 | 58.2 | 39.9 |
| May | 69.2 77.3 | 478 | 102.6 128.2 | 70.8 75.0 | 34.8 40.2 | 125.4 125 | 887.4 | 58.6 56.6 | 38.8 47.1 | 22.8 | 157.0 | 10.8 101.8 | 32.7 47.3 | 124.6 | 42.2 |
| June | 87.5 | 62.7 | 135.2 | 81.5 | 49.2 | 156.5 | 93.0 | 67.0 | 59.5 | 46.3 | 145.6 | 117.8 | 68.4 | 138.8 | 51.2 |
| July-- | 94.0 | 66.8 | 133.0 | 86.6 | 56.2 | 154.3 | 96.9 | 51.8 | 71.7 | 69.3 | 138.1 | 95.6 | 91.7 | 143.6 | 66.4 |
| August | 87.5 | 63.6 | 116.0 | 80.1 | 47.5 | 135.4 | 94.7 | 53.2 | 64.9 | 69.8 | 104. 2 | 80.3 | 74.9 | 121.7 | 70.1 |
| September | 82.0 | 59.3 | 98.7 | 77.5 | 34.4 | 109.0 | 92.8 | 75.4 | 61.0 | 59.0 | 100.1 | 58.8 | 62.1 | 109.6 | 70.9 |
| October. | 78.5 | 49.9 | 101.2 | 76.8 | 31.5 | 101.0 | 89.3 | 77.6 | 60.1 | 48.6 | 104.9 | 56.3 | 54.2 | 109.4 | 71.1 |
| November | 75.3 | 28.5 | 95.4 | 77.2 | 33.9 | 93.7 | 88.2 | 86.1 | 60.5 | 40.2 | 103.8 | . 67.4 | 41.3 | 105.7 | 65.7 |
| December | 77.5 | 39.7 | 93.0 | 83.0 | 34.8 | 76.5 | 89.5 | 82.8 | 68.4 | 45.5 | 94.9 | 58.8 | 63.7 | 90.2 | 60.6 |
| Monthly average. | 77.1 | 48.8 | 107.0 | 78.1 | 39.3 | 109.7 | 88.4 | 63.8 | 53.5 | 40.8 | 108.3 | 78.7 | 49.8 | 104.1 | 54.6 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 79.6 | 56.7 | 105.3 | 86.0 | 46.2 | 99.3 | 88.6 | 75.1 | 62.3 | 46. 2 | 97.8 | 69.5 | 48.8 | 83.3 | 62.3 |
| February | 83.2 | 70.6 | 117.5 | 87.4 | 55.8 | 99.8 | 91.9 | 74. 6 | 70.4 | 49.7 | 102.9 | 76.6 | 55.7 | 82.7 | 61.7 |
| March | 84.6 | 79.6 | 119.3 | 89.1 | 51.4 | 100.6 | 92.2 | 72.4 | 60.9 | 65.2 | 89.3 | 80.4 | 60.1 | 82.2 | ${ }^{62.3}$ |
| April | 85.9 | 78.1 | 131.2 | 85.8 | 54.4 | 101.6 | 94.3 | 67.2 | 69.7 | 59.1 | 81.2 | 83.0 | 70.8 | 72.3 | 59.4 |
| May. | 86. 4 | 60.9 | 130.9 | 85.0 | 52.6 | 103.1 | 93.2 | 78. 9 | 63.2 | 68.6 | 80.3 | 83.5 | 78.7 | 64.4 | 59.5 |
| June | 83.8 | 70.8 | 108.2 | 85.7 | 52.8 | 76.8 | 93.3 | 72.4 | 56.9 | 70.2 | 91.3 | 72.0 | 78.7 | 56.8 | 52.3 |
| July-- | 78.0 | 68.3 | 108.9 | 80.2 | 49.6 | 86.9 | 93.9 | 70.3 | 54.0 | 44.3 | 90.8 | 88.2 | 41.4 | 62.7 | 51.0 |
| August | 75.1 | 62.4 | 108. 3 | 77.0 | 43.8 | 92.4 | 91.1 | 58.1 | 64.5 | 38.0 | 70.5 | 67.2 | 34.7 | 62.4 | 52.6 |
| Soptembe | 71.4 | 53.1 | 92.5 | 75.7 | 46.8 | 65.7 | 88.9 | 68.7 | 61.0 | 34.0 | 66.0 | 64.1 | 34.7 | 32.8 | 53.7 |
| October. | 74.6 | 51.4 | 89.0 | 74.7 | 40.8 | 103.5 | 88.7 | 66.1 | 58.1 | 34.8 | 93.1 | 89.4 | 36.6 | 64.6 | ${ }^{66.2}$ |
| November | 76.0 | 88.4 | 99. 2 | 76.8 | 42.3 | 96.6 | 89.1 | 68.3 | 54.8 | 36.4 | 100.2 | 72.2 | 43.4 | 93.9 | 68.0 |
| Decemb | 82.4 | 80.9 | 110.7 | 82.4 | 43.9 | 94.6 | 92.9 | 74.7 | 55.2 | 40.8 | 132.6 | 88.8 | 58.0 | 100.7 | 67.3 |
| Monthly average. | 80.1 | 65.7 | 110.1 | 82.2 | 48.4 | 93.4 | 91.5 | 70.6 | 61.7 | 48.1 | 91.3 | 76.2 | 63.5 | 89.8 | 59.7 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January... | 87.2 | 103.2 | 120.5 | 87.1 | 37.9 | 108.9 | 93.0 | 57.1 | 56.3 | 57.3 | 131.1 | 80.2 | 70.0 | 126.8 | 64.4 |
| February | 86.7 | 99.6 | 119.1 | 88.3 | 39.8 | 101.3 | 93.1 | 59.7 | 63.9 | 63.7 | 100.2 | 81.8 | 69.2 | 101.0 | 65.9 |
| March. | 84.4 | 101.1 | 118.9 | 86.7 | 43.1 | 92.6 | 92.0 | 67.0 | 60.0 | 59.7 | 72.0 | 84.4 | 62.2 | 102.7 | 64.8 |
|  | 82.8 | 93.6 | 119.6 | 82.7 | 47.6 | 88.8 | 91.7 | 67.8 | 61.6 | 56.0 | 71.3 | 82.6 | 58.8 | 129.7 | 67.2 |
| May | 81.8 | 77.1 | 113.9 | 79.3 | 49.4 | 92.1 | 91.7 | 74.2 | 45.8 | 66. 6 | 108.9 | 80.8 | 58.6 | 154.4 | ${ }^{65} .0$ |
| June... | 82.0 | 82.4 | 103.2 | 80.2 | 52.1 | 84.2 | 93.8 | 72.0 | 52.5 | 54.3 | 106.2 | 75.2 | 57.9 | 125.3 | 70.5 |
| July- | 82.7 | 82.1 | 115.1 | 76.3 | 45.9 | 90.0 | 94.7 | 75.9 | 64.1 | 65.2 | 109.6 | 78.2 | 58.3 | 140.0 | 72.1 |
| August | 84.9 | 65.5 | 110.6 | 78.1 | 40.4 | 88.0 | 96.2 | 74.1 | 73.9 | 63.8 | 117.7 | 79.5 | 72.9 | 138.7 | 70.6 |
| Septamber | 88.1 | 45.6 | 114.2 | 80.4 | 43.0 | 98.6 | 95.2 | 75.2 | 80.8 | 68.3 | 116.4 | 91.5 | 76.9 | 125.9 | 72.1 |
| October. | 89.1 | 77.6 | 115.2 | 84.8 | 45.7 | 108.7 | 94.9 | 79.2 | 77.8 | 73.6 | 112.3 | 92.4 | 76.9 | 151.9 | 68.7 |
| Novamber. | 92.0 | 118.1 | 119.8 | 87.3 | 51.8 | 103.0 | 96.9 | 79.3 | 76.0 | 80.0 | 112.3 112.9 | 76.2 | 880.9 | 141.2 133.0 | 70.8 74 |
| December. | 96.7 | 120.8 | 148.5 | 93.7 | 55.4 | 115.8 | 97.9 | 84.2 | 78.6 | 84.5 | 119.9 | 78.5 | 86.6 | 133.0 | 74.3 |
| Monthly average. | 88.4 | 88.9 | 118.7 | 83.7 | 46.0 | 97.7 | 94.3 | 72.1 | 65.9 | 64.4 | 108.5 | 81.8 | 69.1 | 131.0 | 68.9 |
| 1936 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 92.2 | 103.0 | 135.6 | 90.9 | 42.3 | 114.4 | 97.6 | 70.7 | 82.0 | 76.3 | 105.6 | 65.8 | 69.5 | 124.0 | 76.0 |
| February | 88.9 | 89.8 | 116.5 | 89.2 | 42.7 | 104.9 | 97.4 | 71.6 | 73.8 | 67.5 | 109.4 | 59.8 | 67.0 | 117.3 | 68.1 |
| March | 89.4 | 109.9 | 117.5 | 87.4 | 52.8 | 107.6 | 96.2 | 71.5 | 77.6 | 68.0 | 96.3 | 65.8 | 70.2 | 107.2 | 74.1 |
| April.- | 94.1 | 117.6. | 112.3 | 91.0 | 63.3 | 112.4 | 98.3 | 79.7 | 75.3 | 80.8 | 105.3 | 70.2 | 95.6 | 80.2 | 81.7 |
| May---.................. | 95.8 | 112.6 | 113.2 | 93.1 | 66.2 | 105.4 | 100.0 | 82.6 | 82.8 | 85.7 | 104.5 | 88.6 | 91.3 | 89.3 | 84.3 |
| June--...................- | 97.6 | 112.5 | 105.7 | 92.3 | 62.6 | 118.8 | 99.7 | 84.7 | 82.7 | 91.3 | 129.8 | 70.3 | 97.0 | 108.4 | 88.0 |
| July | 102.3 | 118.9 | 127.5 | 95.1 | 64.2 | 141.5 | 102.1 | 87.3 | 84.6 | 96.5 | 145.4 | 77.2 | 100.3 | 112.9 | 89.8 |
| Monthly average.... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

For footnotes see p. 154.

## BUSINESS INDEXES—INDUSTRIAL PRODUCTION (BOARD OF GOVERNORS OF THE FEDERAL RESERVE SYSTEM) ${ }^{1}$



For footnotes see p. 154.

BUSINESS INDEXES-INDUSTRIAL PRODUGTION (BOARD OF GOVERNORS OF THE FEDERAL RESERVE SYSTEM)-Continued ${ }^{1}$


For footnotes see p. 154.

## BUSINESS INDEXES-QUANTITY OF AGRICULTURAL PRODUCTS MARKETED AND GASH INCOME RECEIVED FROM MARKETINGS OF AGRICULTURAL PRODUCTS



For footnotes see p. 154.

* Witbout adjustment for seasonal variation.
$\dagger$ With adjustment for seasonal variation.
73330-36-2


## BUSINESS INDEXES-COMMODITY STOCKS

| Year and Month | DOMESTIC STOCKS |  |  |  |  |  |  |  |  |  |  | WORLD STOCKS OF FOODSTUFFS AND RAW MATERIALS : (8 COMMODITIES) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Manufactured goods |  |  |  |  | Raw materials |  |  |  |  |  |  |  | Rubber, adjusted $\dagger$ |  |  |  |  |  |
|  |  |  |  |  |  | $\begin{gathered} \text { Rubber prod- } \\ \text { ucts } \end{gathered}$ |  |  |  | $\begin{aligned} & \frac{0}{E} \\ & \text { 总 } \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |
|  | Monthly average 1923-25=100 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1919 monthly average. | $\begin{array}{r} 93 \\ 93 \\ 86 \\ 102 \\ 95 \\ 95 \\ 102 \end{array}$ | $\begin{array}{r} 90 \\ 84 \\ 97 \\ 87 \\ 94 \\ 103 \end{array}$ | $\begin{gathered} 59 \\ 60 \\ 77 \\ 77 \\ 90 \\ 104 \end{gathered}$ | $\begin{array}{r} 127 \\ 118 \\ 97 \\ 84 \\ 100 \\ 104 \end{array}$ | $\begin{array}{r} 92 \\ 89 \\ 115 \\ 87 \\ 85 \\ 112 \end{array}$ |  | $\begin{gathered} 94 \\ 87 \\ 105 \\ 100 \\ 95 \\ 101 \end{gathered}$ | $\begin{array}{r} 47 \\ 49 \\ 66 \\ 77 \\ 91 \\ 111 \end{array}$ | 96 | 90 |  |  |  |  |  | ...... | ------ | 133 |  | $\begin{array}{r} 788 \\ 76 \\ 78 \\ 81 \\ 95 \\ 109 \end{array}$ |
| 1920 monthly average. |  |  |  |  |  |  |  |  | 78 | 100 |  | 117 | -110 | 144 |  |  |  |  | 95 |  |
| 1921 monthly average. |  |  |  |  |  |  |  |  | 99 | 101 | 143 | 126 | 124 | 164 |  |  |  | 125 | 95 |  |
| 1922 monthly average |  |  |  |  |  |  |  |  | ${ }_{100}^{100}$ | 103 | ${ }_{09}^{116}$ | 102 | 121 | 126 |  |  | 78 | 106 | 119 |  |
| 1923 monthly average. |  |  |  |  |  |  |  |  | 83 103 | 106 103 | 99 92 | 90 99 | $\begin{array}{r}84 \\ 105 \\ \hline\end{array}$ | 88 94 | 101 | 882 | ${ }_{83}^{89}$ | ${ }_{96}^{90}$ | 104 |  |
| 1925 monthly average. | 103 | 103 | 106 | 96 | 103 | 106 | 104 | 98 | 105 | 91 | 109 | 108 | 111 | 115 | 73 | 116 | 124 | 116 | 94 | 98 |
| 1926 monthly average. | 115 | 107 | 107 | 90 | 64 | 157 | 121 | 95 | 127 | 84 | 137 | 127 | 125 | 144 | 110 | 117 | 163 | 108 | 74 | 101 |
| 1927 monthly average | 121 | 114 | 117 | 97 | 95 | 147 | 127 | 107 | 128 | 91 | 146 | 149 | 156 | 175 | 151 | 135 | 166 | 95 | 72 | 119 |
| 1928 monthly average. | 123 | 118 | 111 | 103 | 135 | 150 |  | 112 | 144 | 98 |  | 156 | 262 | 148 | 144 | 133 | 173 | 114 | 88 | 149 |
| 1929 monthly average | 137 | 120 | 121 | 117 | 104 | 169 | 149 | 109 | 193 | ${ }^{98}$ | 127 | 180 | 256 | 149 | 186 | 149 | 213 | 129 | 122 | 202 |
| 1830 monthly average. 1931 monthly average. | 143 | 123 114 | 129 125 | 106 90 | 106 127 | 140 107 | 158 176 | 110 | 185 199 | 1143 | 163 199 | 228 | ${ }_{4}^{422}$ | 186 222 | $\begin{array}{r}236 \\ 298 \\ \hline\end{array}$ | 243 284 | 261 312 | 139 <br> 132 | 185 240 | ${ }_{228}^{209}$ |
| 1931 monthly average. | 149 | 114 | 125 | 90 | 127 | 107 | 176 | 109 | 199 | 143 | 199 | 265 | 452 | 222 | 298 | 284 | 312 | 132 | 240 | 228 |
| 1932 | 161 |  | 128 | 81 | 124 | 91 | 200 | 122 | 189 | 150 | 279 | 272 | 502510 | 220 | 345 | ${ }_{303}^{295}$ | 303305 | 124 | 240 | 228 |
| January |  | 108 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February | 159 | 109 | 135 | 87 | 128 | 104 | 195 | 113 | 191 | 142 | 268 |  | 510 | 205 | $\begin{array}{r}347 \\ 345 \\ \hline\end{array}$ |  |  |  |  | 213 |
| A pril. | 150 | 108 | 134 | 885 | 148 | 112 | 189 <br> 180 | ${ }_{103}^{108}$ | 187 | 129 | ${ }_{236}^{251}$ | 276 | 523 | 229 | $\begin{aligned} & 337 \\ & 337 \end{aligned}$ | 302284 | 322330 | 103 | 243 | 231260 |
| May. | 144 <br> 137 | ${ }_{108}^{108}$ | 134 <br> 131 <br> 1 | 81 98 | 136 135 136 | 106 108 | 180 171 181 | 1039997 | 178 | 131123 | 222207 | 288 | 489478 | 250 |  |  |  |  | 243 |  |
| June |  | 104 | 118 | 88 | 136 | 58 | 161 |  |  |  |  | 286 |  | 251 | 325 | 283 | 341 | 119 | 235 | 240 |
| July.- | 132 | 104 | $\begin{aligned} & 120 \\ & 116 \end{aligned}$ | ${ }_{92}^{98}$ | 128 <br> 138 | 72 | 154 <br> 159 <br> 1 | ${ }_{96}^{93}$ | $\begin{aligned} & 166 \\ & 175 \end{aligned}$ | $\begin{aligned} & 127 \\ & 125 \end{aligned}$ | 193189 | 278 | 463 | 264 | 311 | 276 | 327 | 128 | 236 | 204 |
| August |  |  |  |  |  |  |  |  |  |  |  |  | 421 | 268 | 323 | 267 | 314 | 130 | 226 | 189 |
| Septembe | 143 | 1009898 | 122 | 8473 | 127 | 69 | 175 | 118 | 180 | 122 | 218 | 264 | 410 | 244 | 325 | 258 | 311 | 136 | 229 | 198207 |
| October- | 155 |  |  |  |  | $\begin{aligned} & 78 \\ & 76 \\ & 82 \end{aligned}$ | 198 <br> 201 <br> 105 | 128128128 | 197185187 | $\begin{aligned} & 116 \\ & 106 \end{aligned}$ | 283287287 | 262264265 | $\begin{aligned} & 421 \\ & 426 \end{aligned}$ | $\begin{aligned} & 2289 \\ & 239 \end{aligned}$ | 330328 | 245250 | 310 | 141 | 226 |  |
| November | 153 |  | ${ }_{121}^{121}$ | 6766 | 11783 |  |  |  |  |  |  |  |  |  |  |  | 306 | 153 | 228 | 204217 |
| December |  | 96 |  |  |  |  | 195 | 123 | 177 | 109 | 282 | 265 | 418 | 229 | 330 | 251 | 314 | 155 | 220 |  |
| Monthly average.. | 148 | 104 | 125 | 84 | 127 | 86 | 182 | 111 | 182 | 126 | 241 | 273 | 467 | 287 | 331 | 276 | 318 | 189 | 285 | 818 |
| January 1933 | 149 |  |  |  |  |  |  |  |  |  |  |  |  |  | 326 | 262 | 312 | 145 | 212 | 236 |
| Februar | 143 | 97 | 120 | 69 | 89 | 80 | 178 | 110 | 165 | 86 | 259 | 262 | 386 |  | 328 | 274 | 331 | 147 | 207 | 220 |
| March | 139 | 97 | 123 | 69 | 88 | 80 | 170 | 104 | 163 | 82 | 240 | 264 | 368 | 231 | 330 | 267 | 326 | 158 | 200 | 208 |
| April. | 133 | 95 | 119 | 68 | 81 | 76 | 162 | 88 | 160 | 78 | 225 | 269 | 355 | 236 | 331 | 273 | 348 | 167 | 204 | 208 |
| May | 133 | 97 | 112 | 79 | 90 | 77 | 161 | 95 | 171 | 84 | 206 | 272 | 336 | 255 | 326 | 268 | 344 | 171 | 201 | 208 |
|  | 134 | 101 | 107 | 109 | 84 | 74 | 160 | 93 | 189 | 84 | 183 | 269 | 334 | 247 | 353 | 271 | 317 | 164 | 102 | 210 |
| July.- | 140 | 104 | 109 | 121 | 74 | 77 | 168 | 90 | 216 | 92 | 175 | 270 | 338 | 245 | 357 | 275 | 308 | 159 | 183 | 232 |
| August | 142 | 108 | 112 | 126 | 82 | 80 | 168 | 94 | 213 | 103 | 174 | 266 | 323 | 253 | 341 | 288 | 294 | 151 | 161 | 233 |
| Septembe | 163 | 109 | 120 | 119 | 73 | 86 | 186 | 109 | 216 | 112 | 215 | 260 | 323 | 242 | 346 | 300 | 274 | 148 | 145 | 233 |
| October | 167 | 109 | 117 | 105 | 73 | 96 | 210 | 121 | 224 | 122 | 270 | 252 | 337 | 225 | 340 | 292 | 278 | 148 | 134 | 219 |
| Novemher | 171 | 110 | 111 | 102 | 75 | 105 | 217 | 127 | 218 | 124 | 294 | 247 | 348 | 216 | 340 | 279 | 334 | 144 | 125 | 202 |
| December | 170 | 110 | 121 | 102 | 71 | 99 | 215 | 126 | 213 | 124 | 296 | 250 | 367 | 220 | 338 | 266 | 291 | 140 | 114 | 205 |
| Monthly average.. | 148 | 103 | 116 | 05 | 81 | 84 | 182 | 107 | 193 | 99 | 235 | 262 | 351 | 234 | 338 | 276 | 318 | 164 | 174 | 219 |
| January 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fehruary | 162 | 111 | 128 128 | ${ }_{92}^{103}$ | 88 | 117 | ${ }_{188}^{201}$ | 117 | 192 | 129 | 273 <br> 252 | 258 | 388 | 214 | 348 347 | 3305 | 303 | 135 | 108 | 214 |
| March | 148 | 108 | 126 | 81 | 71 | 128 | 178 | 101 | 188 | 108 | 231 | 252 | 418 | 209 | 347 | 313 | 297 | 144 | 98 | 188 |
| April. | 142 | 109 | 123 | 81 | 85 | 132 | 168 | 96 | 182 | 98 | 213 | 262 | 423 | 211 | 347 | 315 | 332 | 152 | 85 | 197 |
| May | 136 | 108 | 117 | 84 | 78 | 124 | 158 | 94 | 171 | 93 | 198 | 263 | 407 | 225 | 347 | 302 | 328 | 147 | 83 | 202 |
| June... | 132 | 100 | 115 | 94 | 92 | 112 | 140 | 93 | 162 | 97 | 182 | 261 | 392 | 218 | 369 | 319 | 304 | 142 | 83 | 215 |
| July.- | 140 | 114 | 117 | 108 | 115 | 104 | 161 | 90 | 198 | 108 | 173 | 269 | 386 | 221 | 387 | 301 | 309 | 142 | 78 | 241 |
| August | 143 | 108 | 119 | 103 | 79 | 97 | 169 | 92 | 217 | 105 | 173 | 266 | 390 | 231 | 374 | 295 | 295 | 141 | 74 | 237 |
| Septembe | 154 | 109 | 121 | 103 | 91 | ${ }^{96}$ | 187 | 109 | 217 | 117 | 217 | 254 | 368 | 221 | 373 | 295 | 267 | 146 | 74 | 228 |
| October- | 160 | 108 | 117 | 100 | 86 | 100 | 188 | 122 | 208 | 113 | 254 | 240 | 361 | 191 | 363 | 267 | 273 | 153 | 79 | 211 |
| November | 161 | ${ }_{106}^{107}$ | 114 116 | 100 100 | 71 48 | 102 | 200 198 | 121 | 202 | 107 83 | 269 263 | 233 232 | 363 371 | 174 171 | $\begin{array}{r}354 \\ 352 \\ \hline\end{array}$ | 250 236 | 298 295 | 148 | 72 66 | 190 196 |
| Monthly average. | 150 | 109 | 120 | 88 | 81 | 111 | 180 | 105 | 195 | 108 | 225 | 253 | 300 | 207 | 959 | 294 | 289 | 144 | 84 | 810 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 143 | 105 | 115 | 86 | ${ }_{6}^{66}$ | 117 | 170 | 107 | 162 | 87 | 239 | 227 | 342 | 163 | 358 | 252 | 291 | 140 | 71 | 190 |
| February | 134 | 105 | 122 | 80 75 | 71 67 | 128 | 155 | 98 | 140 | ${ }_{93}^{90}$ | 228 | 225 | 342 <br> 338 | 150 | 336 | 260 | 310 | 142 | ${ }_{93}^{94}$ | 171 |
| April. | 119 | 101 | 117 | 69 | 60 | 123 | 132 | 87 | 114 | 90 | 195 | 225 | 336 | 151 | ${ }_{364}$ | 253 | 306 320 | 162 | 88 | 161 162 |
| May | 113 | 102 | 116 | 72 | 62 | 128 | 121 | 84 | 99 | 95 | 179 | 221 | 334 | 158 | 357 | 239 | 295 | 155 | 80 | 166 |
| June... | 110 | 105 | 117 | 83 | 63 | 121 | 114 | 81 | 93 | 101 | 168 | 215 | 348 | 148 | 375 | 246 | 275 | 151 | 69 | 163 |
| July. | 110 | 107 | 117 | 90 | 72 | 99 | 113 | 78 | 102 | 90 | 155 | 211 | 350 | 136 | 392 | 221 | 259 | 147 | 63 | 172 |
| August.-. | 115 | 106 | 114 | 89 | 70 | 74 | 121 | 79 | 120 | 92 | 157 | 212 | 357 | 147 | 384 | 221 | 246 | 139 | 64 | 174 |
| September | 127 | 106 | 120 | 87 | 63 | 80 | 141 | 98 | 136 | ${ }^{96}$ | 186 | 213 | 370 | 159 | 370 | 217 | 226 | 136 | 57 | 188 |
| October | 136 | 104 | 117 | 77 | 65 | 82 | 160 | 115 | 144 | 88 | 225 | 215 | 378 | 169 | 355 | 205 | 228 | 133 | 84 | 188 |
| November | 136 | 101 | 118 | 63 | 47 | 81 | 181 | 111 | 141 | 88 | 235 | 217 | 389 | 169 | 328 | 200 | 259 | 129 | 72 | 178 |
| December. | 133 | 103 | 121 | 66 | 39 | 81 | 154 | 107 | 127 | 86 | 233 | 216 | 419 | 170 | 322 | 201 | 248 | 128 | 06 | 186 |
| Monthly average... | 125 | 104 | 118 | 78 | 61 | 103 | 141 | 85 | 125 | 91 | 201 | 218 | 359 | 157 | 361 | 231 | 278 | 148 | 73 | 176 |

[^0]*Without adjustment for seasonal variation.
$\dagger$ With adjustment for seasonal variation.


## COMMODITY PRICE INDEXES-RETAIL AND WHOLESALE PRICES



For footnotes, see p. 155.

## COMMODITY PRICE INDEXES—WHOLESALE PRICES——Continued

| Year and Monte | WHOLESALE PRICES (U.S. DEPARTMENT OF LABOR), ${ }^{\text {c COMMODITIES OTHER THAN FARM PRODUCTS AND FOOD }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Combinedindex | Building materials |  |  |  | Chemicais and drugs |  |  |  | Fuel and lighting |  |  |  | Hides and leather |  |  |  |
|  |  | $\begin{aligned} & \text { Comn } \\ & \begin{array}{l} \text { bined } \\ \text { index } \end{array} \end{aligned}$ | $\begin{gathered} \text { Brick } \\ \text { and } \\ \text { tile } \end{gathered}$ | $\begin{gathered} \text { Ce- } \\ \text { ment } \end{gathered}$ | $\left\lvert\, \begin{aligned} & \text { Lumer } \\ & \text { ber } \end{aligned}\right.$ | Combined | $\underset{\text { icals }}{\text { Chem }}$ | Drugs pharticals | $\begin{aligned} & \text { Ferti- } \\ & \text { Hizer } \\ & \text { matate- } \\ & \text { rials } \end{aligned}$ | Comindex | $\\| \text { Elicecty }$ | Gas | $\begin{aligned} & \text { Petro- } \\ & \text { Peum- } \\ & \text { prod. } \\ & \text { uctate } \end{aligned}$ | $\begin{aligned} & \text { Come } \\ & \text { bined } \\ & \text { index } \end{aligned}$ | Boots and shoes | $\begin{aligned} & \text { Hides } \\ & \text { and } \\ & \text { skins } \end{aligned}$ | Lea- |
|  | Monthly average, 1926=100 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1913 monthly averag | $\begin{gathered} 70.0 \\ 66.4 \\ 68.0 \\ 68.0 \\ 88.3 \\ 114.2 \\ 124.6 \end{gathered}$ |  |  | $\begin{aligned} & 59.6 \\ & 55.0 \\ & 51.0 \\ & 65.4 \\ & 80.3 \\ & 94.6 \end{aligned}$ | $\begin{aligned} & 54.0 \\ & 49.9 \\ & 48.7 \\ & 45.1 \\ & 72.2 \\ & 83.5 \end{aligned}$ | $\begin{array}{r} 80.2 \\ 8.2 \\ 112.4 \\ 180.7 \\ 185.7 \\ 185.0 \\ 18.3 \end{array}$ |  | $\begin{array}{r} 56.6 \\ 60.8 \\ 82.9 \\ 88.8 \\ 108.8 \\ 130.2 \end{array}$ | $\begin{aligned} & 85.5 \\ & 78.3 \\ & 183.3 \\ & 30.7 \\ & 205.2 \\ & 238.0 \end{aligned}$ |  |  | $\begin{array}{\|c\|} \hline 78.1 \\ 78.4 \\ 78.3 \\ 78.0 \\ 76.5 \\ 79.4 \\ \hline \end{array}$ | $\begin{array}{r} 73.3 \\ 65.8 \\ 54.1 \\ 58.3 \\ 12.3 \\ 136.1 \end{array}$ |  | $\begin{aligned} & 56.5 \\ & 56.3 \\ & 58.6 \end{aligned}$ | 106.8 | $\begin{gathered} 69.1 \\ 72.1 \\ 76 \end{gathered}$ |
| 1914 monthly averag |  |  |  |  |  |  |  |  |  | 56.661.8 | -...--- |  |  |  |  | 126.4 <br> 126.2 <br> 151.5 |  |
| 1915 mothly average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | $\begin{gathered} 5.8 .8 \\ 107.2 \end{gathered}$ |
| 1917 monthly average.- |  |  |  |  |  |  |  |  |  | 105.4 |  |  |  | ${ }_{123.8}^{13.4}$ | ${ }_{91} 915$ | ${ }_{201.3}^{151.5}$ |  |
| 1918 monthly average- |  |  |  |  |  |  |  |  |  | 109.2 |  |  |  | 125.7 | 97.9 | 194.2 | 135.8 |
| 1919 monthly average | 12618 | 115.6 |  | 1102.3 | 113.0 | ${ }^{154.7}$ | 145.8 <br> 106.8 <br> 108.8 <br> 1 | 113.7119.8 | ${ }_{211.6}^{191.8}$ | 104.3 |  | 86.4 <br> 98.2 <br> 18.2 | 188.0183.6 | 174.1 <br> 171.3 <br> 109 <br>  <br> 10.2 <br> 1 | 134.7151111.511.5 | 267.4 <br> 208.7 <br> 89.5 <br>  <br> 18.8 |  |
| 1920 monthly average | - 164.8 | ${ }_{97.4}^{150.1}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1922 monthly a verage.- | 102.4 | 97.3 |  | 103.5 | 99. 1 | ${ }^{100.3}$ | 97.2 | 93.3 | 102.3 | 1073 |  | 110.3 | 102.8 | ${ }^{104.6}$ | 98.1 | 115.8 | 105.2 |
| 1924 monthly average-. | 99.7 | ${ }_{1023}$ |  | 105.7 | ${ }_{99} 11.8$ | ${ }_{98.9}^{101.1}$ | 100.6 102.2 | ${ }_{95.8}^{95}$ | 102.6 92.6 | 97.3 92.0 |  | ${ }_{102.9}^{104}$ | 83.6 83.5 | 101.5 | ${ }_{98.4}^{99.1}$ | 117.2 | ${ }^{109.8}$ |
| 1925 monthly average | - $\begin{array}{r}102.6 \\ 100.0 \\ 94.0 \\ 9.0\end{array}$ | 101.7 |  | 102.6100.0 | 100.6100.0 | 101.8 | 104.1100.0 | 97.7100.0 | $\begin{array}{r}98.8 \\ 100.0 \\ \\ \hline\end{array}$ | 96.5100.0 | i00.0 | 1019100.0 | 95.0100.0 | 105.3 | 100.5100.0 | 118.7 |  |
| 1926 monthy ${ }^{\text {a }}$ average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10.8 |
| 1928 monthly average |  | ${ }_{94.1}^{94 .}$ | 95.6 | ${ }_{95.9} 96$ | 90.5 | 年96.6 | 100.6 | ${ }_{72.6} 8$ | 964.6 | - |  | 94.9 | 72.0 | 121.4 | 109.9 | ${ }_{118.6}^{120.3}$ | 108.2 120.3 |
| 1929 monthly a verage | 91.6 | 95.4 | 94.3 | 91.8 | 93.8 | 94.2 | ${ }^{99.1}$ | 71.5 | 92.1 | 83.0 | 94.5 | 93.1 | 71.3 | 109.1 | 106.3 | 1127 | ${ }^{113.2}$ |
| 1930 mouthly average | 85.2 | 89.9 | 89.8 | ${ }^{91.8}$ | 85.8 | 89.1 | ${ }^{93.7}$ | 68.0 | 85.6 | 78.5 | 97.7 | ${ }_{97} 97$ | 61.5 | 100.0 | 102.0 | 91.0 | ${ }^{1101.3}$ |
| 1931 monthly average. | 75.0 | 79.2 | 83.6 | 79.4 | 69.5 | 79.3 | 83.0 | 62.8 | 76.8 | 67.5 | 98.8 | 98.7 | 39.5 | 86.1 | 93.7 | 60.2 | 86.2 |
| 1932 | 717 |  | 79.379.3 | 75.275.3 |  |  |  |  |  |  |  |  | 38.8 |  |  |  |  |
| January ${ }_{\text {February.. }}$ |  | 74.8 73.4 |  |  | ${ }_{62}^{65}$ | 75.7 75.5 | 80.6 80.8 8 | $\begin{aligned} & 60.60 \\ & 60.1 \\ & 59.7 \end{aligned}$ | $\begin{aligned} & 69.9 \\ & 69.8 \\ & 68 \end{aligned}$ | 67.9 68.3 | 107.5 104.8 | ${ }_{98}^{98.0}$ |  | 79.3 | 888 | 49.0 <br> 46.1 | 77.5 |
| March | 70.9 | 73.2 | 79.3 | 75.0 | 61.5 | 75.3 | 80.9 |  |  |  |  | 97.5 | 39.8 | 77.3 | 88.5 | 44.7 |  |
| ${ }_{\text {Apray }}$ | 70.4 | 72.571.5 | 78.4 77.4 | ${ }^{75.0}$ | 60.0 59.5 | 74.4 73.6 7 | 79.7 79.1 | 58.9 58.7 | 70.1 69.4 | 70.2 70.7 | 103.5 <br> 106.1 <br> 1 | 99. 103.0 | 45.5 47.2 | 75.0 <br> 72.5 | 88.4 88.4 | ${ }^{40.8}$ | ${ }^{80.6}$ |
| June- |  |  | 76.1 | 77.1 | 57.6 | 73.1 | 78.6 | 58.3 | 88.0 | 71.6 | 105.5 | 106.3 | 48.2 | 70.8 | 87.5 | 32.5 | 68.7 |
| Jaly | 70.1 | 69.7 | 75.9 | 77.3 | 56.955.5 | 73.0 | 78.9 |  | 66.8 | 723 | 105.8 | 108.3 | . 7 | 68.6 | 84.4 | 33.5 | 60.0 |
| August. |  | 69.6 705 | 75 | 79.0 |  | 73.3 | 789.7 | ${ }_{56}^{57.0}$ | ${ }^{666.4}$ | 72.1 |  | ${ }^{107.0}$ | 48.9 | 69.7 | 884.4 | 39.3 |  |
| October. | 70.269.8 | 70.770.7 | 75.375.475.1 | 79.079.08.1 | 56.6.66.666.5 | 72.7 <br> 72.4 | 79.879.7 | 85.955.0 | 63.463.5 | $\begin{aligned} & 711 \\ & 714 \\ & 710 \end{aligned}$ | 104.6 <br> 103.1 | $\begin{aligned} & 104.4 \\ & 100.0 \end{aligned}$ | ${ }_{48}^{47.4}$ | ${ }_{72.8}$ | 84.84848 | 49.646.1 | 64.161.9 |
| November |  |  |  |  |  |  |  |  |  |  |  |  |  | 71.4 |  |  |  |
| December.. | 69.0 | 70.8 | 75.1 |  |  | 72.3 | 79.7 | 54.7 | 63.1 | 69.3 | 104.1 | ${ }_{96,5}$ | 45.0 | 69.6 |  | 41.7 | 69.2 |
| Monthly average | 70.2 | 71.4 | 77.3 | 77.2 | 58.5 | 73.5 | 79.5 | 57.7 | ${ }^{60.9}$ | 70.3 | 104.7 | 101.3 | 45.4 | 72.9 | 88.1 | 62.1 | 85.1 |
| 1933 | 67.366.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January ${ }_{\text {Febranary }}$ |  | 70.1 69.8 | 74.9 75.1 7.1 | ${ }_{81.2}^{81.2}$ | 65.9 56.4 | 71.6 71.3 | 79.379.079.3 | 54.954.854.8 | 62.361.561.9 | 66.0 63.6 | 103.2102.9100.5 | ${ }_{96.6}^{96.7}$ | 38.7 34.3 3.3 | 68.9 <br> 68.0 | 83.3 83.3 | 43.0 40.9 | ${ }_{65.3}^{57.1}$ |
| March. | 65.8 | 70.3 | 74.9 | 81.8 | 57.8 | 71.2 |  |  |  | 62.9 |  | 96.6 | 33.1 | 68.1 | 83.2 | 41.4 | 56.6 |
| Aprit. | 65.3 66.5 | ${ }_{71.4}^{70.2}$ | 75.0 | ${ }^{81.8}$ | 57.9 59.6 | 71.4 73.2 | 79.5 80.9 | 54.6 55.0 56.0 | 62.8 66.8 | 61.5 60.4 | - ${ }^{984.3}$ | ${ }_{99.5}^{97.6}$ | -32.5 | 69.4 76.9 | 88.2 83.6 | ${ }_{67.3}$ | 67.2 68.3 |
| June. | 68.9 | 74.7 | 77.0 | 81.8 | 67.4 | 73.7 | 81.5 | 65.5 | 68.0 | 61.5 | 91.4 | 101.7 | 34.4 | 82.4 | 85.5 | 81.4 | 74.3 |
| July--1 | 72.2 | 79.5 81.3 | 78.2 81.5 | 88.2 90.3 | 75.9 79.4 | 73.2 73.1 | 80.3 70.8 | 56.8 67.6 | 68.6 69.0 | 66.3 65.5 | 89.4 | 100.2 <br> 99.5 <br> 18 | 41.3 40.9 | 86.3 91.7 | 88.3 96.1 | 88.7 91.5 | 78.0 82.5 |
| August- | 74.1 | 81.3 82.7 | 81.5 82.6 | 90.3 9 | 79.4 82.0 | 73.1 72.7 | 70.6 78.8 | 67.6 <br> 56.8 <br> 8.8 | ${ }_{68.6}^{69.0}$ | 65.5 70.4 |  | ${ }^{991} 5$ | $\stackrel{40.9}{49}$ | ${ }_{92.3}^{91.7}$ | ${ }_{98.9}$ | 84.1 |  |
| October | 77.2 | 83.9 | 84.6 | 91.2 | 84.2 | ${ }^{72.7}$ | 78.6 | 56.8 | ${ }_{67}^{67}{ }^{6}$ | 73.6 | 92.3 | 100.5 | 52.7 | 88.0 | 98.9 | 71.2 | 83.2 |
| Nocember. | 777 | 84,9 85.6 | 84.7 85.7 | ${ }_{91}{ }^{912}$ | 86.5 88.0 | 73.4 73.7 | 79.2 79.2 | 58.4 59.0 | 67.8 68.1 | 73.5 73.4 | 94.0 | ${ }_{92.2}^{94.6 .}$ | ${ }_{6 L 16} 51$ | -88. ${ }^{88}$ | ${ }_{98.6}^{99.0}$ | 74.9 | 79.3 80.1 |
| Monthly average | 71.2 | 77.0 | 79.2 | 88.1 | 70.7 | 72.6 | 79.8 | 66.3 | 65.9 | 68.3 | 94, 3 | 87. | 41.0 | 80.9 | 90. | 87. | 71.4 |
| 193 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January- | ${ }_{78 .}^{78}$ | 86.3 86.6 | 86.6 87.2 | ${ }_{93.9}^{93.9}$ | ${ }_{87}^{87.4}$ | 74.4 75.5 | 78.8 78.8 | 65.2 <br> 71.5 <br> 8 | 68.4 69.2 | 73.1 72.4 | ${ }_{91.8}^{92.3}$ | ${ }_{89}^{90.8}$ | 550.1 | 89.5 89.6 | ${ }_{98.4}^{98.6}$ | 77.0 | ${ }^{79.9}$ |
| March. | 78.5 | 86.4 | 88.5 | ${ }_{93.9}^{93}$ | 86.4 | 75.7 | 79.0 | 71.9 | 60.5 | 72.4 | 88.5 | 89.4 | 48.7 | 88.7 | 98.5 | 73.4 | 79.9 |
| ${ }_{\text {Apriil }}$ | 78.9 | 86.7 87.3 | ${ }_{91}^{90.7}$ | 89.4 | 87.2 85.9 | 75.5 75.4 | 78.8 78.6 | 72.2 72.8 | 68.7 66.4 | 71.7 72.5 | 88.3 88.9 | ${ }_{94.8}^{92.2}$ | 5 | 88.9 87.9 | -98.5 | ${ }_{73.5}^{76.7}$ | ${ }_{76.3}$ |
| June.- | 78.2 | 87.8 | 91.1 | 93.9 | 86.3 | 75.6 | 78.6 | 73.1 | 67.9 | 72.8 | ${ }_{90.6}$ | 97.5 | 50.6 | 87.1 | 98.4 | 70.1 | 75.3 |
| August | ${ }_{78.3}^{78.3}$ | 85.8 85.6 | ${ }_{91.3}^{91.3}$ | ${ }_{93.9}^{93.9}$ | ${ }_{82}^{81.8}$ | 75.7 76.5 | 79.2 80.8 8 | 72.7 72.7 | 64.8 66.4 | 74.6 74.6 | 92.6 95.2 | ${ }_{99.3}^{99.2}$ | 51.6 <br> 51.8 | 83.8 84.1 | ${ }_{97,9}^{97.9}$ | 57.4 60.4 | 71.3 70.6 |
| Oetober | 78.0 | 85.2 | ${ }^{912}$ | 93.9 | 82.0 | 77.1 | 81.1 | ${ }^{73.5}$ | 65.7 | 74.6 | 94.5 | 96.9 | 50.4 | 83.8 | ${ }^{977}$ | 59.7 | 70.5 |
| December. | 78.0 | 85.1 | ${ }_{91.2}$ | ${ }_{93.9} 9$ | 812 | 77.8 | 82.2 | 73.4 | 66.3 | 73.7 | ${ }_{93.1}$ | 89.3 | 49.8 | 85.1 | 97.2 | 67.4 | 71.8 |
| Monthly average | 78.4 | 86.2 | 00.2 | 93.2 | 84.6 | 75.8 | 79.6 | 72.1 | 67.1 | 73.3 | 91.8 | 93.4 | 60.5 | 88. 6 | ө8. | 68. | 75.0 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January- | ${ }_{77.4}^{77}$ | ${ }_{85.0}^{84.0}$ | ${ }_{90}^{91.1}$ | ${ }_{83.9}^{93.9}$ | ${ }_{80.6}^{79.9}$ | 79.3 80.4 | 84.6 <br> 86.5 | ${ }_{73.1}^{73.1}$ | ${ }_{66.5}^{66.5}$ | 72.8 | ${ }_{\text {890. }}^{98}$ | 887.6 | 48.8 48.7 | 86.2 86.0 | ${ }_{97.2}^{97.1}$ | ${ }_{69.6}^{71.1}$ | ${ }^{74.6}$ |
| March | 77.3 | 84.9 | 90.2 | 94.4 | 79.9 | 81.5 | 88.1 | 73.0 | ${ }^{66.3}$ | 73.0 | 88.3 | 88.6 | 49.8 | ${ }^{85.4}$ | 87.2 | ${ }^{66.6}$ | 74.2 |
| ${ }_{\text {Apray }}$ | 77.6 |  | 889.3 | ${ }_{94.9}^{94.9}$ | ${ }_{79.8}$ | 81. 2 | 88.1 <br> 87.5 | ${ }_{74.2}$ | 66.0 65.9 | 73.1 | 88.8 88.7 | ${ }_{82.0}^{88.0}$ | 52.2 | 88.3 88.3 | 97.2 | 76.1 | ${ }_{79.6}$ |
| June. | 78.0 | 85.3 | 89.2 | 94.9 | 81.6 | 80.7 | 86.3 | 74.3 | 65.7 | 74.2 | 90.2 | 95.2 | 53.2 | 88.9 | 97.3 | 78.0 | 80.5 |
| July | 78.0 | 85.2 | 89.1 | 94.9 | 81.7 | 78.7 | 84.6 | 74.0 | 65.7 | 74.7 | 88.8 | 94.0 | 529 | 89.3 89.6 | 97.8 98.3 | 79.8 80.4 | 80.2 80.2 |
| August | 777.8 | ${ }_{85}^{85.4}$ | 89.0. | 94.9 | 82.0 82.1 | 78.6 80.2 | 84.3 86.9 | 73.8 | 66.8 67.2 | 74 73.0 | 86.7 87.5 | ${ }_{91.9}^{91.8}$ | ${ }_{50.6} 52$ | 80.6 90.9 | 98.3 | 83.8 | ${ }_{83}{ }^{8 .}$ |
| October | 78.3 | 86.1 | 88.3 | 95.5 | 82.0 | ${ }_{81} 81$ | 88.3 | ${ }^{74.2}$ | 67.2 | 73.4 | 86.3 | 89.0 | 50.1 | ${ }^{93.6}$ | 98.8 | 92.9 | ${ }^{36.6 .}$ |
| November-.-.-...---- | 788.7 | 85.8 85.5 | 88.3 88.9 | ${ }_{95.5}^{95.5}$ | ${ }_{815}^{81.8}$ | 81.2 80.6 | $\begin{array}{r}88.4 \\ 87.7 \\ \hline\end{array}$ | 74.7 <br> 7.7 | 67.6 64.6 | 74.5 74.6 | 86.2 84.9 | -86.6 | 52.5 52.8 | 96.0 95.4 | 99.6 100.1 | ${ }_{9}^{96.0} 9$ | ${ }_{87.6}^{88.1}$ |
| Monthly average...... | 77.9 | 85.3 | 89.4 | 96.3 | 81.1 | 80.5 | 88.9 | 73.9 | 68.3 | 73.5 | 87.8 | 89.3 | 51.3 | 89.6 | 98.0 | 80.8 | 80.1 |

COMMODITY PRICE INDEXES—WHOLESALE PRICES—Continued

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow{4}{*}{Year and Month} \& \multicolumn{16}{|l|}{WHOLESALE PRICES (U. S. DEPARTMENT OF LABOR), COMMODITIES OTHER THAN FARM PRODUCTS AND FOOd} \\
\hline \& \multicolumn{3}{|l|}{House-furnishing
goods} \& \multicolumn{4}{|l|}{Metals and metal products} \& \multicolumn{6}{|c|}{Textlle products} \& \multicolumn{3}{|c|}{Miscellaneous} \\
\hline \& Combined Index \& Furniture \& Fur-nishings \& Combined index \& Iron
and
steel \& Metals, nonferrous \& \begin{tabular}{l}
Plumb- \\
Ing and heating equipment
\end{tabular} \& Combined
index \& Cloth ing \& Cotton goods \& \[
\begin{aligned}
\& \text { Knit } \\
\& \text { goods }
\end{aligned}
\] \& \[
\begin{gathered}
\text { Slk } \\
\text { sand } \\
\text { rayon }
\end{gathered}
\] \& Woolen
and worsted goods \& Combined index \& Automobile tires and tubes \& Paper and pulp \\
\hline \& \multicolumn{16}{|c|}{Monthly average, 1926 \(=100\)} \\
\hline 1913 monthly avarage.- \& 56.3 \& 70.7 \& 47.9 \& 90.8 \& 70.9 \& 88.9 \& \& 57.3 \& \& 58.0 \& \& 71.8 \& 53.7 \& 93.1 \& 207.2 \& 50.4 \\
\hline 1914 monthly average.- \& 56.8 \& 70.6 \& 48.7 \& 80.2 \& 81.4 \& 76.3 \& \& 54.6 \& \& 56.0 \& \& 71.3 \& 50.5 \& 89.9 \& 173.1 \& 58.2 \\
\hline 1915 monthly average-- \& 56.0 \& 70.9 \& 47.1 \& 86.3 \& 64.7 \& 108.6 \& \& 54.1 \& \& 52.3 \& \& 68.3 \& E5.0 \& 86.9 \& 155.1 \& 56.7 \\
\hline 1916 monthly average -- \& 61.4 \& 72.8 \& 54.8 \& 116.5 \& 109.7 \& 160.2 \& \& 70.4 \& \& 68.7 \& \& 87.1 \& 70.4 \& 100.6 \& 160.4 \& 89.0 \\
\hline 1917 monthly average-- \& 74.2 \& 81.7 \& 70.3 \& 150.6 \& 176.7 \& 185.7 \& \& 98.7 \& \& 98.7 \& \& 98.4 \& 101.7 \& 122.1 \& 198.0 \& 112.7 \\
\hline 1918 monthly average.- \& 93.3 \& 93.3 \& 94.5 \& 136.5 \& 147.0 \& 144.4 \& \& 137.2 \& . \& 146.6 \& \& 116.4 \& 138.6 \& 134.4 \& 229.2 \& 108.7 \\
\hline 1919 monthly average... \& 105.9 \& 114.7 \& 101.4 \& 130.9 \& 130.0 \& 118.9 \& \& 135.3 \& \& 147.5 \& \& 145.5 \& 124.3 \& 139.1 \& 209.2 \& 115.1 \\
\hline 1920 monthly average.- \& 141.8 \& 165.6 \& 128.5 \& 149.4 \& 157.1 \& 118.3 \& \& 164.8 \& \& 190.7 \& \& 162.7 \& 153.7 \& 167.5 \& 232.5 \& 181.8 \\
\hline 1921 monthly average-- \& 113.0 \& 129.9 \& 103.3 \& 117.5 \& 109.4 \& 78.3 \& \& 94. 5 \& \& 99.5 \& \& 110.5 \& 91.9 \& 109.2 \& 179.0 \& 107.6 \\
\hline 1922 monthly average-- \& 103.5 \& 114.6 \& 97.0 \& 102.9 \& 98. 1 \& \({ }_{95}^{83} 5\) \& \& 100.2 \& .-. \& 104, 3 \& \& 121.0 \& \(\begin{array}{r}95.7 \\ 107 \\ \hline\end{array}\) \& 92.8
98 \& 115.4 \& 91.6 \\
\hline 1923 monthly average--- \& 103.9 \& 116.7
107.9 \& 104.8
103.4 \& 109.3
106.3 \& 117.3
109.4 \& 95.3
93.0 \& \& 111.3
106.7 \& \& 116.9 \& \& 129.5
103.1 \& 107.5
108.8 \& 99.7
93.6 \& 109.5
82.6 \& 102.8
100.7 \\
\hline 1925 monthly average .- \& 103.1 \& 104, 6 \& 102.2 \& 103.2 \& 102.2 \& 101.4 \& \& 108.3 \& \& 110.0 \& \& 104.5 \& 110.2 \& 109.0 \& 98.6 \& 105.2 \\
\hline 1026 monthly average-- \& 100.0 \& 100.0 \& 100.0 \& 100.0 \& 100.0 \& 100.0 \& 100.0 \& 100.0 \& 100.0 \& 100.0 \& 100.0 \& 100.0 \& 100.0 \& 100.0 \& 100.0 \& 100.0 \\
\hline 1927 monthly average... \& 97.5 \& 97.7 \& 97.4 \& 96.3 \& 94.2 \& 92.8 \& 92.0 \& \({ }^{85.6}\) \& \({ }_{93}^{95.8}\) \& 97.1 \& 91.9 \& 87.1 \& 97.8 \& 91.0 \& 74.9 \& 93.8 \\
\hline 1929 monthly average.-. \& \({ }_{94} 9\) \& 96.0 \& \({ }_{93} 96\) \& 97.0
100.5 \& \({ }_{94,9}\) \& 94.0
106.1 \& 96.0 \& 90.4 \& 90.0 \& \({ }_{98.8}\) \& 88.5 \& 80.4
80 \& 100.1
88.3 \& 82. 6 \& 64.4
54.5 \& 888.4 \\
\hline 1030 monthly average.. \& 92.7 \& 94.0 \& 91.4 \& 92.1 \& 89.1 \& 82.4 \& 88.6 \& 80.3 \& 86.2 \& 84.7 \& 80.0 \& 60.2 \& 79.0 \& 78.7 \& 51.3 \& \(8_{8.1}\) \\
\hline 1931 monthly average.. \& 84.9 \& 88.0 \& 82.2 \& 84.5 \& 83.3 \& 61.9 \& 84.7 \& 66.3 \& 75.9 \& 66.1 \& 60.9 \& 43.5 \& 68.2 \& 69.8 \& 46.0 \& 81.4 \\
\hline \multicolumn{17}{|l|}{1932} \\
\hline January..... \& 77.7 \& 79.5 \& 76.1 \& 81.8 \& 79.9 \& 55.4 \& 74.1 \& 59.8 \& 69.6 \& 55.8 \& 55.8 \& 37.7 \& 63.3 \& 65.6 \& 39.7 \& 78.0 \\
\hline February \& 77.5 \& 79.5 \& 75.9 \& 80.9 \& 79.3 \& 52.7 \& 65.8 \& 59.5 \& 69.4 \& 56.4 \& 55.8 \& 36.5 \& 63.1 \& 64.7 \& 39.5 \& 76.7 \\
\hline March. \& 77.1 \& 78.1 \& 75.4 \& 80.8 \& 78.7 \& 50. 5 \& 64.4 \& 58.0 \& \({ }_{64}^{66.1}\) \& 56.2 \& 64.9
51.9 \& \begin{tabular}{l}
33.5 \\
31.3 \\
\hline
\end{tabular} \& 62.7 \& 64.7 \& 39.2 \& 76.8 \\
\hline April. \& 76.3 \& 77.4 \& 75.4 \& 80.3
80
80 \& 88.1 \& 49.3
48 \& 64.4 \& 56.1
54.3 \& 64.9
62.9 \& 55.1
52.9 \& 51.9
60.5 \& 31.3
29.1 \& 59.7
68.3 \& \begin{tabular}{l}
64.7 \\
\hline 64.4
\end{tabular} \& 39.2
392 \& 76.8
76.5 \\
\hline June. \& 74.7 \& 74.0 \& 75.4 \& 79.9 \& 79.8 \& 47.5 \& 60.7 \& 52.7 \& 62.2 \& 51.0 \& 49.6 \& 27.5 \& 85.0 \& 64.2 \& 39.6 \& 76.2 \\
\hline July. \& 74.0 \& 73.0 \& 76.1 \& 79.2 \& 77.2 \& 47.0 \& 67.1 \& 51.5 \& 60.9 \& 50.0 \& 47.8 \& 26.2 \& 53.6 \& 64.3 \& 40.1 \& 76.2 \\
\hline August. \& 73.6 \& 72.6 \& 74.8 \& 80.1 \& 78.7 \& 48.5 \& 67.1 \& 52.7 \& 61.0 \& 52.6 \& 48.5 \& 29.5 \& 53.4 \& 64.6 \& 40.1 \& 76.3 \\
\hline September \& 73.7 \& 72.7 \& 74.7 \& 80.1 \& 79.7 \& 51.6 \& 66.8 \& 65.6 \& 61.8 \& 57.9 \& 50.4 \& 32.6 \& 56.7 \& 64.7 \& 42.7 \& 76. 5 \\
\hline October-. \& 73. 7 \& 72.8 \& 74.7 \& 80.3 \& 80.4 \& 50.7 \& 67.5 \& 55.0 \& 62.5 \& 56.2 \& 50.9 \& 30.8 \& 56.5 \& 64.1 \& 44.6 \& 73.4 \\
\hline November \& 73.7 \& 72.7 \& 74.7 \& 79.6 \& 79.4 \& 49.1 \& 67.5 \& 53.9 \& 62.2 \& \({ }_{51}^{53.6}\) \& 51.0

4.3 \& 29.5 \& 55.3 \& 63.7 \& 44. 6 \& 73.4 <br>
\hline December \& 73.6 \& 72.7 \& 74.7 \& 79.4 \& 78.8 \& 48.3 \& 67.5 \& 53.0 \& 62.5 \& 51.7 \& 49.3 \& 29.3 \& 54.2 \& 63.4 \& 44.6 \& 73.0 <br>
\hline Monthly average \& 75.1 \& 76.0 \& 75.4 \& 80.2 \& 78.4 \& 49.8 \& 68.8 \& 54.8 \& 63.0 \& 64.0 \& 61.6 \& 31.0 \& 57.7 \& 64.4 \& 41.1 \& 75.5 <br>
\hline \multicolumn{17}{|l|}{1033} <br>
\hline January \& 72.9 \& 72.3 \& 73.5 \& 78.2 \& 78.6 \& 46.4 \& 62.8
59.4 \& 51.9 \& ${ }_{61.9}^{61.9}$ \& 50.1 \& 48.4
48.3 \& 27.0 \& 53.4 \& 61.2 \& 44.6 \& 72.0 <br>
\hline February \& 72.3 \& 71.9 \& 72.9
72 \& 77.4 \& 78.3
76.4 \& 46.2
47.9 \& 59.4
59.4 \& 51.2
51.3 \& 61.2
61.3 \& 49.1
50.0 \& 48.3 \& 25.6
25.
20 \& 53.2
53.2 \& 69.2
58.9
58 \& 42.6
41.3 \& 72.1 <br>
\hline \& 71.5 \& 71.5 \& 71.7 \& 76.9 \& 75.7 \& 49.2 \& 50.4 \& 51.8 \& 61.4 \& 50.7 \& 47.2 \& 26.3 \& 53.3 \& 57.8 \& 37.4 \& 70.6 <br>
\hline May. \& 71.7 \& 71.6 \& 72.0 \& 77.7 \& 75. 2 \& 56.6 \& 61.3 \& 55.9 \& 61.9 \& 57.9 \& 48.0 \& 29.1 \& 61.5 \& 58.9 \& 37.6 \& 70.7 <br>
\hline June. \& 73.4 \& 73.4 \& 73.6 \& 79.3 \& 76.2 \& 63.2 \& 67.4 \& 61.5 \& 64.5 \& 67.1 \& 50.9 \& 3.2 \& 68.8 \& 60.8 \& 40.1 \& 73.5 <br>
\hline July... \& 74.8 \& 74.6 \& 75.1 \& 80.6 \& 77.7 \& 67.6 \& 88.4 \& 68.0 \& 70.6 \& 80.2 \& 55. 2 \& 37.9 \& 72.3 \& 64.0 \& 41.4 \& 78.1 <br>
\hline August \& 77.6 \& 76.8 \& 78.6 \& 81.2 \& 78. 6 \& 68.2 \& 70.3 \& 74.6 \& 74.4 \& 93.5 \& 69.4 \& 34.6 \& 78.9 \& 65.4 \& 43.2 \& 81.0 <br>
\hline Septomber \& 79.3 \& 78.4 \& 80.5 \& 82.1 \& 80.3 \& 68.5 \& 74.7 \& 76.9 \& 81.1 \& 91.3 \& 74.8 \& 34.5 \& 82.7 \& 65.1 \& 43.2 \& 82.2 <br>
\hline Ootober-- \& 81.2 \& 79.8 \& 82.8 \& 83.0 \& 82.4 \& 67.0 \& 74.7 \& 77.1 \& 84.8 \& 88.8 \& 74.7 \& 32.0 \& 84.5 \& 65.3 \& 43.2 \& 82.4 <br>
\hline November \& 81.0 \& 79.4 \& 82.8 \& 82.7 \& 81.5 \& 68.0 \& 73.7 \& 76.8 \& 88.0 \& 86.0 \& 72.5 \& 30.4 \& 84.4 \& 65.5 \& 43.2 \& 82.5 <br>
\hline December..- \& 81.0 \& 79.3 \& 82.9 \& 83.5 \& 83.6 \& 68.6 \& 72.5 \& 76.4 \& 87.9 \& 85.5 \& 71.2 \& 29.6 \& 84.3 \& 65.7 \& 43.2 \& 82.5 <br>
\hline Monthly average. \& 76.8 \& 75.1 \& 76.6 \& 79.8 \& 78.6 \& 60.6 \& 67.1 \& 64.8 \& 72.2 \& 71.8 \& 68.9 \& 30.6 \& 69.3 \& 62.5 \& 42.1 \& 76.6 <br>
\hline \multicolumn{17}{|l|}{} <br>
\hline January \& 80.8 \& 78.8 \& 82.9 \& 85.5 \& 83.6 \& 66.1 \& 72.5 \& 76.5 \& 87.5 \& 86.5 \& 70.6 \& ${ }^{29.7}$ \& 84.3 \& 67.5 \& 43.2 \& 83.0 <br>
\hline February \& 81.0
81.4 \& 79.2
79.8 \& 83.0
83.2 \& 887.0 \& 86.3
86.3
8. \& 65.8
66.3 \& 72.7
78 \& $\begin{array}{r}76.9 \\ 76.5 \\ \hline\end{array}$ \& 87.2
87.2 \& 88.6
88.1 \& 67.0

65.6 \& 31.0 \& 84.3 \& | 68.5 |
| :--- |
| 69 |
| 8 | \& 43.5 \& 82.7 <br>

\hline April. \& 81.6 \& 79.9 \& 83.5 \& 87.9 \& 87.3 \& 68.0 \& 76.2 \& 75.3 \& 85.7 \& 88.2 \& 64.2 \& 28.4 \& 88.0 \& 69.5
69.5 \& 44.6 \& 82.6
83.6 <br>
\hline May. \& 82.0 \& 80.1 \& 84.1 \& 80.1 \& 90.2 \& 68.1 \& 75.0 \& 73. 6 \& 82.7 \& 86.3 \& 65.3 \& 26.5 \& 81.0 \& 69.8 \& 44.6 \& 83.7 <br>
\hline June. \& 82.0 \& 79.0 \& 85.1 \& 87.7 \& 88.6 \& 68.6 \& 75.1 \& 72.7 \& 82.6 \& 86.0 \& 62.8 \& 25.0 \& 80.8 \& 70.2 \& 44.6 \& 83.5 <br>
\hline July - \& 81.6 \& 78.5 \& 84.8 \& 88.8 \& 86.7 \& 68.8 \& 75.0 \& 71.5 \& 81.9 \& 85.1 \& 59.5 \& 24.5 \& 80.7 \& 69.9 \& 44.6 \& 82.4 <br>
\hline August.- \& 81.8 \& 78.9 \& 884.6 \& 86.7 \& 886 \& 68.9 \& 75.0 \& 70.8 \& 79.5 \& 86.4
878 \& ${ }^{59.3}$ \& 24.4 \& 78.9 \& 70.2 \& 44.7 \& 82.4 <br>
\hline September \& 81.8 \& 78.8 \& 84.8 \& 86.6 \& 86.5 \& 68.4 \& 71.6 \& 71.1 \& 79.7 \& 87.8 \& 59.9 \& 24.3 \& 78.0 \& 70.2 \& 44.7 \& 82.4 <br>
\hline October-- \& 81.7 \& 79.0 \& 84.4 \& 86.3 \& 86.2 \& 68.1 \& 68.1 \& 70.3 \& 79.1 \& 86.6 \& 60.5 \& 24.8 \& 74.8 \& 69.7 \& 44.7 \& 82.4 <br>
\hline November. \& 81.3
81.2 \& 78.4 \& 84.3
84.2 \& 86.2
85.9 \& 86.0
85.6 \& 67.7
67.5 \& 68.8
68.8 \& 69.7
70.0 \& 78.4
78.4 \& 84.4
84.3 \& 61.0
61.9 \& 25.8
27.1 \& 74.1
74.0 \& 70.6
71.0 \& 47.5
47.5 \& 82.1
81.5 <br>
\hline Monthly average. \& 81.6 \& 79.0 \& 84.1 \& 86.8 \& 86.7 \& 67.7 \& 72.6 \& 72.8 \& 88.5 \& 86.5 \& 6s. 2 \& 28.7 \& 79.7 \& 88.7 \& 44,9 \& 82.7 <br>
\hline 1935 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline January \& 81.2 \& 78.2 \& 84.3 \& 86.8 \& 85.7 \& 67.6 \& 68.0 \& 70.3 \& 78.4 \& 84.1 \& 63.5 \& 28.6 \& 73.8 \& 70.7 \& 47.5 \& 81.5 <br>
\hline February \& 80.7 \& 77.2 \& 84.1 \& ${ }^{85.8}$ \& 86.1 \& 67.2 \& 67.1 \& 70.1 \& 78.5 \& 83.3 \& 63.6 \& 28.1 \& 73.6 \& 70.1 \& 47. 5 \& 80.9 <br>
\hline Maroh \& 80.7 \& 77.3 \& 84.1 \& 85.7 \& 86.0 \& 67.1 \& 67.2
671 \& 69.4
69 \& $\begin{array}{r}78.5 \\ \hline 8.5\end{array}$ \& 88.4 \& 62.5 \& 27.3 \& 73.1 \& 69.2 \& 46, 6 \& 80.6 <br>
\hline ${ }_{\text {April }}$ \& 80.7
80.6 \& 77.1 \& 84.2
84.1 \& 86.9
86.6 \& 86.0
86.6 \& 68.2
69.2 \& ${ }_{67.1}^{67.1}$ \& 69.2
69.4 \& 78.5
78.5 \& 81.8
82.7 \& 61.6
60.4 \& 27.6
27.6 \& 73.1
73.5 \& 68.7
68.7 \& 46.3
45.0 \& 80.4
80.0 <br>
\hline Juno.. \& 80.5 \& 77.1 \& 83.9 \& 86.9 \& 87. 1 \& 69.1 \& 66.2 \& 70.1 \& 80.7 \& 82.5 \& 59.5 \& 27.2 \& 75.6 \& 68.4 \& 45.0 \& 79.7 <br>
\hline July. \& 80.4 \& 76.8 \& 84.0 \& 86.4 \& 87.0 \& 66.1 \& 68.8 \& 70.2 \& 80.7 \& 82.0 \& 59.9 \& 27.9 \& 76.4 \& 67.7 \& 45.0 \& 79.7 <br>
\hline August \& 80.5 \& 77.0 \& 84.0 \& 86.6 \& 87. $1^{1}$ \& 66.9 \& 71.1 \& 70.9 \& 80.5 \& 82.5 \& 60.2 \& 31.0 \& 76.4 \& 67.3 \& 45.0 \& 79.7 <br>
\hline September \& 80.5 \& 76.9 \& 84.0 \& 86.6 \& 86.8 \& 68.6 \& 71.1 \& 71.8 \& 80.8 \& 83.2 \& 61.6 \& 32.0 \& 76.9 \& 67.1 \& 45.0 \& 79.7 <br>
\hline October \& 80.6 \& 76.9 \& 84.2 \& 86.5 \& 86.8 \& 70.9 \& 71.1 \& 72.9 \& 80.8 \& 84.6 \& 63.2 \& 35.1 \& 79.1 \& 67.6 \& 45.0 \& 79.7 <br>
\hline November \& 81.0 \& 77.1 \& 84.7 \& 86.9 \& 87.0 \& 71.3 \& 71.1 \& 73.4 \& 80.7 \& 85.8 \& 63.2 \& 35.0 \& 80.7 \& 67.4 \& 45.0 \& 79.4 <br>
\hline December \& 81.0 \& 77.1 \& 84.7 \& 86.8 \& 86.8 \& 70.0 \& 71.1 \& 73.2 \& 81.0 \& 86.0 \& 62.2 \& 33.7 \& 81.0 \& 67.5 \& 45.0 \& 78.2 <br>
\hline Monthly average \& 80.6 \& 77.0 \& 84.2 \& 86.4 \& 86.7 \& 68.6 \& 68.9 \& 70.8 \& 79.8 \& 88.4 \& 81.8 \& 30.2 \& 76.1 \& 68.3 \& 45.7 \& 80.0 <br>
\hline
\end{tabular}

For foutnotes see p. 155.

COMMODITY PRICE INDEXES-WHOLESALE PRICES, WORLD PRICES, AND PURCHASING POWER OF THE DOLLAR

| Year and Monte | $\begin{aligned} & \text { WHOLESALE } \\ & \text { PRICES } \end{aligned}$ |  | WORLD PRICES, ${ }^{\text {a }}$ FOODSTUFES AND RAW MATERIALS <br> (8 COMMODITIES) |  |  |  |  |  |  |  |  | PURCEASING POWER OF THE DOLLAR |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Brad- streett's (endi of month) | $\left\|\begin{array}{c} \text { Dun's } \\ \text { (end of } \\ \text { month) } \end{array}\right\|$ | Come bined Index | Cofice | Cotten | $\underset{\mathbf{b e r}}{\text { Rub- }}$ | Silk | Sugar | Tea | Tin | Wheat | $\begin{gathered} \text { Whole- } \\ \text { sale } \\ \text { prices } \end{gathered}$ | Retail food prices | Prices received by farmers | $\begin{gathered} \text { Cost } \\ \text { of } \\ \text { ling } \end{gathered}$ |
|  | $\begin{gathered} \text { Monthly average } \\ 1926=100 \end{gathered}$ |  | Monthly average, 1923-25=100 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1913 monthly average | 70.9 | 64.3 |  |  |  |  |  |  |  |  |  | 144.3 |  | 145.6 |  |
| 1914 monthly average | 68.9 | 64.8 |  |  |  |  |  |  |  |  |  | 147.8 |  | 145. 6 | 165.8 |
| 1915 monthly average | 77.4 | 67.6 |  |  |  |  |  |  |  |  |  | 144.9 |  | 149.9 | 166.7 |
| 1916 monthly average. | 93.3 | 80.3 |  |  |  |  |  |  |  |  |  | 117.8 |  | 124.5 | 155.5 |
| 1917 monthly average | 123.8 | 110.5 |  |  |  |  |  |  |  |  |  | 85.7 |  | 84.0 | 131.1 |
| 1918 monthly average | 145.2 | 121.9 |  |  |  |  |  |  |  |  |  | 76.7 |  | 72.8 | 108.2 |
| 1919 monthly average | 145.6 | 123.2 |  |  |  |  |  |  |  |  |  | 72.7 | ${ }^{5} 79.1$ | 69.0 | 99.7 |
| 1920 monthly average. | 140: 6 | 129.3 | 154.4 | 91.4 | 124.6 | 83.0 | 128.9 | 300.8 | 65.4 | 100.2 | 141.5 | 65.3 | 886.4 | 69.7 | 86.1 |
| 1921 monthly average- | 87.2 | 89.1 | 74.0 | 51.3 | 55. 9 |  | ${ }^{91.8}$ | 83.9 |  | 59.7 | 115.6 | 103.2 | ${ }^{6} 100.3$ | 117.6 | 99.4 |
| 1922 monthly average | ${ }^{95.3}$ | 92.3 | 78.3 | 70.7 | 78.1 | 41.0 | 106.8 | 74.9 | 82.3 | 64.8 | 95.2 | 104. 1 | ${ }^{8} 103.4$ | 111.4 | 104.4 |
| 1923 monthly average- | 103.5 100.0 | 100.8 100.9 | 101.5 95.2 | 73.4 105.4 | 108.2 105.6 | 60.0 61.2 | 120.9 87.3 | 131.6 104.1 | 98.8 100.1 | 85.0 99.9 | 86.6 94.7 | 100.1 | 8100.5 .100 .5 | 103.5 102.8 | 101.7 100.4 |
| 1925 monthly average | 108.0 | 104.6 | 100.9 | 121.3 | 86.3 | 169.7 | 91.8 | 64.0 | 101.1 | 115.2 | 118.3 | 97.3 | ${ }^{5} 90.0$ | 94.3 | 88.0 |
| 1926 monthly average | 100.0 | 100.0 | 85.7 | 110.2 | 64. 6 | 113.8 | 86.5 | 64.0 | 98.3 | 129.9 | 107.2 | 100.7 | ${ }^{8} 92.5$ | 101.4 | 97.5 |
| 1927 monthly average | 99.4 | 99.4 | 81.5 | 92.4 | 64.5 | 88.4 | 76.1 | 73.7 | 96.9 | 128.0 | 99.3 | 105. 5 | ${ }^{5} 95.5$ | 105.7 | 99.7 |
| 1928 monthly average. | 102.4 | 103.1 | 75.9 | 114.8 | 73.5 | 52.7 | 70.9 | 60.7 | 85.8 | 100.4 | 89.2 | 104.1 | ${ }^{\text {8 }} 96.9$ | 98.6 | 101.1 |
| 1920 monthly avarage | 97.3 81.8 | 101.0 | 70.2 | 109.6 65.5 | 70.4 | 48.1 | 68.9 47 | 49.7 38 | 83. 2 | 89.9 | ${ }_{87}^{83.6}$ | 105.6 | 95. 5 | 1100.7 | 101.6 |
| 1931 monthly average. | 66.6 | 77.3 | 34.3 | 43.5 | 31.5 | 14.5 | 33.5 | 33.3 | 59.8 | 48.7 | 40.4 | 138.0 | 121.8 | 168.9 | 116.7 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January.......--- | 58.2 | 74.4 | 23.6 | 45.5 | 24.3 | 10.3 | 27.3 | 28.1 | 40.4 | 43.4 | 35.0 | 149.6 | 137.4 | 207.0 | 124.7 |
| February | 56.6 | 73.8 | 23.2 | 45.0 | 25.0 | 9.4 | 26.4 | 23.5 | 36.9 | 43.8 | 38.1 | 151.9 | 141.8 | 216.0 | 128.6 |
| March | 55. 3 | 72.6 | 27.5 | 44.5 | 25.0 | 7.8 | 22.6 | 19.1 | 42.9 | 43.5 | 40. 1 | 152.6 | 141.4 | 213.2 | 127. 1 |
| April. | 53.5 | 70.2 | 26.2 | 47.9 | 22.8 | 7.1 | 19.9 | 15.7 | 47.8 | 38.3 | 40.7 | 153.8 | 142.2 | 2293 | 128.2 |
| May. | 51.7 52.1 | 68.3 66.4 | 25.1 23.9 | 51.4 50.4 | 21.0 19.5 | 7.2 6.2 | 17.2 16.7 | 14.7 18.7 | 42.9 28.3 | 41.7 30.1 | 38.8 35.0 | 156.4 157.6 | 1476.0 | 233.1 253.2 | 129.9 131.1 |
| June. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| July | 52.6 | 68.3 | 26.0 | 51.4 | 21.3 | 6.8 | 17.2 | 25.8 | 27.3 | 41.6 | 34.3 | 156.1 | 146.4 | 233.1 | 131.2 |
| August | 55.5 | 71.1 | 30.0 | 59.8 | 27.2 | 8.5 | 23.0 | 28.4 | 30.5 | 45.7 | 36. 2 | 154. 5 | 149.0 | 226.2 | 132.3 |
| Septembe | 56.3 | 72.4 | 31.9 | 73. 2 | 28.3 | 9. 0 | 25.2 | 28.4 | 33.3 | 49.3 | 37.5 | 154.2 | 149.9 | 222.7 | 132.8 |
| October | 53.9 | 71.4 | 29.3 | 62.8 | 24.3 | 8.5 | 23.4 | 28.2 | ${ }^{36.3}$ | 47.6 | 35.0 | 156.4 | 150.8 | 229.9 | 133.9 |
| November | 53.3 52.6 | 71.0 69.0 | 27.2 25.0 | 52.4 51.9 | 22.8 21.7 | 8.1 7.7 | 21.8 21.7 | 26.4 20.9 | 33.6 28.0 | 46.4 45.1 | 33.1 31.2 | 157.6 160.8 | 152.4 | 237.0 233.1 | 134.6 13.9 |
| Monthly average... | 54.3 | 70.7 | 27.4 | 53.0 | 23.6 | 8.1 | 21.9 | 23.2 | 35.7 | 43.8 | 36.3 | 186.4 | 146.4 | 226.2 | 130.8 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 50.6 | 68.1 | 24.5 | 48.4 | 22.8 | 7.2 | 18.2 | 18.0 | 29.2 | 45. 2 | 32.0 | 165.1 | 159.7 | 246.1 | 137.9 |
| Februar | 49.2 | 67.7 | 24.3 | 47.0 | 22.4 |  | 16.8 | 18.5 | 40.0 | 48.7 | 30.0 | 168.4 | 166.4 | 267.4 | 140.8 |
| March | 50.6 | 88.0 | 26.4 | 47.0 | 25.7 | 7.0 | 16.5 | 23.9 | 39.8 <br> 38 | 48.4 <br> 54 | 30.1 <br> 32 | 167.3 | 167.2 | ${ }_{253.4}^{267.4}$ | 141.6 |
| April. | 54.1 | 70.8 | 27.9 | 44.5 46.5 | 25.4 31.6 | $\begin{array}{r}8.3 \\ 11.6 \\ \\ \hline\end{array}$ | 18.5 22.2 | 27.9 32.7 | 38.1 39.6 | 54.0 71.4 | $\begin{array}{r}32.9 \\ 38.8 \\ \hline\end{array}$ | 166.8 160.6 | 166.4 160.0 | ${ }_{216.0}^{253.2}$ | 141.8 |
| May. | 62.1 64.5 | 74.2 79.1 | 33.2 36.3 | 46.5 45.5 | 31.6 35.3 | 11.6 14.4 | 22.2 30.1 | 32.7 34.7 | 39.6 42.3 | 71.4 87.9 | 38.8 39.9 | 160.6 154.9 | 160.0 154.1 | 216.0 207.0 | 140.6 139.1 |
| July. | 60.7 | 82.8 | 41.5 | 45.5 | 39.7 | 18.8 | 31.8 | 38.4 | 52.1 | 92.3 | 50.3 | 146.1 | 140.8 | 177.0 | 134.4 |
| August | 69.6 | 85.0 | 38.1 | 45.0 | 35.3 | 17.1 | 28.3 | 36.9 | 63.2 | 88.0 | 42.8 | 144.9 | 138.9 | 186.2 | 131.6 |
| Septembe | 70.0 | 86.2 | 40.1 | 45.0 | 35.7 | 17.0 | 26.4 | 39.9 | 77.1 | 92.8 | 46.3 | 142.2 | 139.1 | 183.8 | 130.0 |
| October | 68.5 | 85.1 | 36.3 | 44.5 | 35.7 | 17.9 | 23.0 | 33.7 | 72.8 | 95.3 | 34.8 | 141.4 | 139.9 | 188.3 | 130.4 |
| November | 68.2 | 84.6 | 38.1 | 44.5 | 36.8 | 20.3 | 20.5 | 30.4 | 73.7 | 105.6 | 43.4 | 141.6 | 141.2 | 183.8 | 130.7 |
| December | 68.4 | 86.1 | 38.1 | 46.5 | 37.5 | 20.8 | 19.8 | 30.2 | 75.2 | 105. 2 | 41.6 | 142.2 | 144.5 | 188.3 | 131.4 |
| Monthly average - | 62. 1 | 78.1 | 33.7 | 45.8 | 32.0 | 13.9 | 22.5 | 30.4 | 53.8 | 77.8 | 38.6 | 152.8 | 180.6 | 210.1 | 135.9 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 69.7 | 87.2 | 40.2 | 50.4 57 | 41.5 | 21.8 | 20.3 | 29.9 33 | 78.4 | 103.2 | 44.1 | 139.5 | 141.8 | 190.8 | 130.9 |
| February | 71.7 71.0 | 87.5 86.6 | 42.4 <br> 41.5 | 57.3 57.8 | 45.2 45.2 | 24.6 25.8 | 21.7 19.6 | 33.2 27.7 | 78.2 76.3 | 102.7 | 42.1 42.6 | 136.9 136.7 | 131.9 137.4 | 177.0 175.1 | 129.5 129.0 |
| April. | 70.9 | 85.5 | 39.7 | 55.9 | 43.8 | 28.3 | 18.4 | 19.5 | 76.8 | 110.6 | 43.2 | 137.4 | 138.7 | 179.2 | 129.2 |
| May | 70.7 | 86.9 | 39.0 | 55.8 | 41.9 | 31.0 | 17.9 | 19.5 | 74.3 | 106.5 | 42.4 | 136.7 | 137.0 | 179.2 | 128.7 |
| June. | 71.5 | 88.6 | 42.4 | 55.8 | 45.2 | 31.6 | 16.8 | 32.9 | 69.0 | 101.9 | 42.7 | 134.8 | 136.1 | 170.9 | 128.4 |
|  | 72.1 | 89.0 | 46.0 | 53.9 | 47.4 | 34.2 | 15.8 | 41.6 | 66.4 | 103.3 | 48.4 | 134.6 | 135.9 | 168.9 | 128.2 |
| August | 73.4 | 89.7 | 49.5 | 56.8 | 40.3 | 36.2 | 15. 8 | 43.4 | 67.5 | 103.3 | 59.4 | 131.8 | 134.6 | 153.1 | 127.6 |
| September | 73.2 | 90.2 | 49.2 | 58.8 | 48.2 | 36.0 | 15.7 | 49.4 | 84.2 | 102.4 | 54.5 | 129.8 | 129.7 | 142.7 | 125.9 |
| October-- | 71.8 71.9 | 89.1 90.2 | 47.2 47.2 | 55.9 54.9 | 46.0 46.3 | 32.7 <br> 30.5 | 18.6 18.0 | 49.9 50.9 | 66.6 <br> 64.5 <br> 6 | 101.3 101.9 | 48.8 48.3 | 131.6 131.6 | 131.8 133.2 | 144. 1 | 126.3 126.4 |
| November. December.. | 71.9 73.5 | 90.2 91.8 | 47.2 47.9 | 54.9 65.4 | 46.3 46.7 | 30.5 30.3 | 18.0 19.0 | 50.9 51.1 | 64.5 61.3 | 101.9 101.2 | 48.3 51.4 | 131.8 130.9 | 133.2 134.2 | 145.6 145.6 | 126.6 |
| Monthly average... | 71.8 | 88.5 | 44.4 | 65.8 | 45.8 | 30.2 | 18.0 | 37.4 | 70.3 | 103.8 | 47.9 | 194. 4 | 185.0 | 189.4 | 128.0 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January.- | 75.7 | 93.7 | 46.8 | 54.4 | 46.7 | 30.7 | 18.8 | 47.4 | 61.4 | 101.2 | 49.8 | 127.8 | 129.0 | 137.4 | 125.3 |
| February | 75.8 74.8 | 93.7 91.4 | 46.6 45.7 | 50.9 46.0 | 46.3 42.3 | 30.1 26.8 | 18.0 18.5 | 49.6 <br> 53.1 | 62.1 61.7 | $\begin{array}{r}98.4 \\ \hline 93.3 \\ \hline\end{array}$ | 48.3 51.0 | 126.8 126.8 | 125.5 125.6 | $\begin{array}{r}132.5 \\ 136.1 \\ \hline 1\end{array}$ | 124.1 |
| April | 75.8 | 93.4 | 47.2 | 43.5 | 43.0 | 26.0 | 19.4 | 58.4 | 65.8 | 99.7 | 50.9 | 125.7 | 123.2 | 132.5 | 122.9 |
| May. | 76.7 | 92.4 | 48.6 | 42.0 | 45.2 | 28.1 | 19.8 | 59.4 | 65.3 | 101.7 | 63.4 | 125. 6 | 122.9 | 136.1 | 123.2 |
| June. | 78.2 | 90.7 | 47.6 | 41.0 | 43.8 | 29.3 | 19.2 | 80.3 | 61.0 | 101.6 | 50.2 | 126.2 | 122.7 | 141.4 | 123.2 |
| July... | 76.8 | 90.9 | 47.9 | 40.5 | 44.9 | 28.3 | 20.2 | 58.6 | 65.1 | 104.0 | 51.2 | 126.8 | 124.7 | 144.1 | 123.5 |
| August. | 77.5 | 90.6 | 48.2 | 40.0 | ${ }^{42.3}$ | 28.0 | 23.8 | 59.6 | ${ }^{66.3}$ | 100.3 | 54.7 | 125.1 | 125. 6 | 138. 7 | 123.5 |
| September. | 78.8 | 94.1 | 49.8 | 42.5 | 39.7 | 26.9 | 26.1 | 64.8 67 | 77.1 | 97.6 1019 | 58.0 62 | 124.8 | 124.8 | 137.4 135.0 | 123.0 |
| October-... | $\begin{array}{r}79.6 \\ 80.5 \\ \hline\end{array}$ | 94.7 94.2 | 52.2 50.3 | 43.5 42.0 | 41.2 | 29.7 30.7 | 29.1 29.2 | 67.8 62.8 | 77.0 | 101.9 103.2 | 62.7 54.9 | 125.0 | 122.7 | 135.0 136.1 | 122.5 122.0 |
| December. | 80.2 | 94.4 | 49.6 | 42.0 | 44.5 | 30.8 | 27.4 | 55.8 | 66.0 | 89.0 | 50.2 | 124.5 | 122.0 | 133. 7 | 121.2 |
| Monthly average. | 77.4 | 92.9 | 48.4 | 44.0 | 43.7 | 28.9 | 22.6 | 58.1 | 68.4 | 100.2 | 53.7 | 125.9 | 124.4 | 139.1 | 123.2 |

For footnotes see p. 155. IN 37 STATES-(F. W. DODGE CORPORATION)


CONSTRUCTION AND REAL ESTATE-CONSTRUCTION CONTRACTS AWARDED IN 37 STATES-(F. W. DODGE CORPORATION)-Continued

| Year amd Month | NONRESIDENTIAL BUILDINGS ${ }^{\text {a }}$ |  |  |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { PUBLIC } \\ & \text { UTILI- } \\ & \text { TIES } \end{aligned}$ |  | $\underset{\text { WORLICS }}{\text { PUBIC }}$ |  | RESIDENTIAL BUILDINGS, ALL TYPES |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Hospital and institutional buildings |  |  | Public buildings |  |  | Religious and memorial buildings |  |  | Social and recreational buildings |  |  | $\underset{\text { ects }}{\text { Proj- }}$ | $\begin{aligned} & \text { Valu- } \\ & \text { ation } \end{aligned}$ | Projects | Valuation | $\left\lvert\, \begin{aligned} & \text { Proj- } \\ & \text { ects } \end{aligned}\right.$ | Floor space | Valuation |
|  | $\begin{array}{\|} \text { Pros- } \\ \text { ects } \end{array}$ | Fioor space | $\begin{aligned} & \text { Valu- } \\ & \text { ation } \end{aligned}$ | $\underset{\text { Proj- }}{\text { Proj- }}$ | Floor space | Valuation | $\left\lvert\, \begin{gathered} \text { Proj- } \\ \text { ects } \end{gathered}\right.$ | Floor space | Valuation | $\underset{\text { Proj- }}{\text { Pects }}$ | Floor space | $\begin{aligned} & \text { Valu- } \\ & \text { atto } \end{aligned}$ |  |  |  |  |  |  |  |
|  | $\begin{array}{\|c\|} \text { Num- } \\ \text { ber } \end{array}$ | Thous. sq. It. | Thous. dolls. | Num- | Thous. sq. ft. | Thous. dolls. | $\left\lvert\, \begin{gathered} \text { Num- } \\ \text { bur } \end{gathered}\right.$ | Thous. sq. ft. | Thous. dolls. | Num- | Thous. sq. ft. | Thous. dolls. | $\mathrm{Num}_{\mathrm{Nu}}$ | Thous. dolls. | $\underset{\text { ber }}{\text { Num. }}$ | Thous. dolls. | $\underset{\text { ber }}{\text { Num- }}$ | $\begin{aligned} & \text { Thous } \\ & \text { sq. It. } \end{aligned}$ | Thous. dolls. |
| 1925 monthly average | 77 | 1,170 | 9,254 | 71 | 691 | 4, 543 | 202 | 1, 572 | 12.756 | 200 | 2,630 | 20, 722 | 150 | 34,616 | 782 | 54, 213 | 10,640 | 46, 625 | 228, 977 |
| 1926 monthly average.-- | 82 | 1. 233 | 11,092 | 83 | 655 | 5, 602 | 201 | 1, 364 | 12,398 | 215 | 2,489 | 20,594 | 177 | 47,060 | 955 | 64, 636 | 10,039 | 43, 422 | 222,593 |
| 1927 monthly average--- | 100 | 1,567 | 13,540 | 109 | 828 | 6, 622 | 229 | 1,433 | 13,041 | 241 | 2,698 | ${ }^{21,726}$ | 205 | 34, 984 | 1,175 | 80, 180 | 10,703 | 41, 214 | 214,443 |
| 1928 monthly average-- | 95 | 1,667 | 13,727 | 115 | 941 | 6,354 | 210 | 1,283 | 10, 662 | 221 | 2,224 | 17,843 | 200 | 40, 388 | 1,406 | 81, 672 | 11, 594 | 47, 365 | 232,360 |
| 1929 monthly average--- | 99 | 1, 625 | 12,684 | 109 | 1,052 | 10,065 | 190 | 1,068 | 8,843 | 207 | 1, 642 | 11,668 | 222 | 43, 712 | 1,392 | 77, 871 | 9, 208 | 32, 306 | 159, 644 |
| 1930 monthly average.-. | 102 | 1, 693 | 13,593 | 123 | 1, 419 | 11, 851 | 170 | 905 | 7,738 | 213 | 1, 2107 | 9,442 | 261 200 |  | 1, 1,362 | -80,201 <br> 72,954 | 6, 228 5,320 | 19,170 | 91,776 67,616 |
| 1931 monthly average--- | 77 | 1, 407 | 10,099 | 121 | 2,021 | 15, 106 | 130 | 465 | 4, 425 | 188 | 1,107 | 8,229 | 200 | 24, 639 | 1,366 | 72,954 | 5,320 | 15,85B | 67, 616 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Japuary... | 56 | 572 | 4,200 | 72 | 858 | 6, 382 | 58 | 125 | 733 | 97 | 233 | 5, 026 | 102 | 4,562 | 437 | 19,494 | 2,639 | 6, 922 | 27,504 |
| February | 40 | 966 | 5,166 | 58 | 236 | 2,223 | 89 | 255 | 1,819 | 83 | 208 | 1,836 | 112 | 12,647 | 483 | 15,633 | 2, 817 | 6,071 | 24,417 |
| March | 68 | 598 | 3, 972 | 108 | 1,369 | 9,228 | 97 | 479 | 6,530 | 140 | 487 | 4, 513 | 140 | 7,819 | 699 | 22, 034 | 3,775 | 8, 623 | 33, 209 |
| April. | 57 | 530 | 4, 141 | 91 | 867 | 7,941 | 112 | 353 | 2, 104 | 151 | 499 | 3, 287 | 128 | 4,911 | 1,330 | 42,384 | 4,016 | 7,174 | 28, 895 |
| May. | 54 | 714 | 4, 471 | 85 | 2, 962 | 26, 157 | 117 | 501 | 3,500 | 160 | 545 | 3, 104 | 145 | 3,831 | 1, 444 | 57,887 | 3,784 | 6, 662 | 25,557 |
| June | 47 | 510 | 3,291 | 100 | 1, 164 | 9,465 | 119 | 254 | 1,876 | 144 | 356 | 2, 955 | 170 | 5,572 | 1, 554 | 44, 575 | 3,334 | 5,794 | 23, 116 |
| July- | 57 | 807 | 3,977 | 101 | 2, 891 | 16, 445 | 139 | 396 | 3, 051 | 169 | 705 | 7,366 | 150 | 5, 484 | 1,726 | 54, 562 | 3, 068 | 5,466 | 19,741 |
| August | 47 | 825. | 6. 246 | 85 | 1,629 | 11, 613 | 131 | 365 | 2,462 | 118 | 294 | 1,544 | 173 | 7, 422 | 1,512 | 56, 729 | 3, 320 | 5,545 | 20,767 |
| Septembe | 26 | 584 | 4,077 | 68 | 601 | 6,051 | 107 | 283 | 1, 771 | 112 | 552 | 2,913 | 157 | 4, 523 | 1. 1588 | 64, 203 | 3, 486 | 6, 550 | 22,804 |
| October. | 45 | 471 | 3,303 | 77 | 1,008 | 6,548 | 90 | 181 | 1,331 | 120 | 463 | 1, 888 | 128 | 8, 264 | 1, 250 | 50, 237 | 3, 313 | 5,984 | 21, 856 |
| Novembe | ${ }_{32}^{32}$ | 314 427 | 2,354 <br> 3,155 | 73 56 | 2, 300 | 13,667 <br> 3,263 | 79 55 | 235 91 | 1,322 | 92 111 | 415 | 2,511 <br> 1,740 | 116 | 4,116 6,451 | 968 832 | 50,096 | 2,602 1,003 | 5,490 3,437 | 19,245 |
| Monthly average | 46 | 610 | 4,029 | 81 | 1, 850 | 9,832 | 99 | 298 | 2,271 | 125 | 419. | 3, 224 | 136 | 6,300 | 1,152 | 42,892 | S, 171 | 6, 134 | 23, 359 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 36 | 1,251 | 6,833 | 54 | 1,034 | 8,079 | 58 | 105 | 772 | 83 | 298 | 1,616 | 89 | 7,974 | 451 | 34, 699 | 1,794 | 3,160 | 11,951 |
| Februar | 29 | 451 | 3,608 | 48 | ${ }^{673}$ | 4, 588 | 63 | 142 | 977 | 117 | 300 | 1,820 | 93 | 4,720 | 373 | 12,510 | 1, 888 | ${ }^{3}, 149$ | 11, 805 |
| March | 30 | 172 | 843 | ${ }_{65}^{66}$ | 1, 055 | ${ }^{6,256}$ | 94 | 168 | -879 | 232 | 1, 014 | 3,547 | 150 | 2,499 | 701 | 15, 1279 | 3, 198 | ${ }^{4,773}$ | 16,021 |
| ${ }_{\text {Mapr }}$ | 38 43 | 235 | 1, 1,273 | 70 | 783 |  | 112 | 327 | 2, 242 | 262 300 | 753 | 2,846 | 174 | 5,640 | 782 | 13, ${ }^{1372}$ | 5, 2909 | -6, ${ }^{6} 814$ | 19,520 |
| June | 45 | 188 | 2,086 | 58 | 496 | 4,040 | 144 | 241 | 1,560 | 207 | 459 | 2,623 | 164 | 5,046 | 933 | 19,392 | 5, 001 | 8,295 | 27, 718 |
| July.. | 52 | 308 | 2,795 | 56 | 94 | 1,005 | 122 | 328 | 1,967 | 145 | 293 | 2,016 | 160 | 4,132 | 910 | 14,809 | 4,357 | 7,383 | 23, 630 |
| August | 40 | 98 | 1,003 | 63 | 82 | ${ }^{662}$ | 138 | 284 | 2, 211 | 152 | 317 | 1,728 | 157 | 19, 395 | 1.251 | 32,003 | 4, 001 | 6, 369 | 21, 884 |
| Septemb | 70 | 1,387 | 8, 825 | 61 | 102 | 858 | 110 | 251 | 1,389 | 141 | 241 | 1,973 | 173 | 3, 425 | 1,591 | 57, 324 | 3, 528 | 6, 296 | 21,549 |
| October | 40 | 264 | 1,677 | 267 | 3,093 | 4, 574 | 88 | 251 | 1,724 | 125 | 299 | 1,350 | 210 | 6,995 | 1,718 | 85, 729 | 3, 161 | 6, 868 | 21,526 |
| November | 36 | 369 | 2, 414 | 159 | 1, 148 | 4, 076 | 84 | 179 | 650 | 144 | 244 | 2, 452 | 215 | 6,938 | 1,445 | 104,141 | 2,500 | 6, 433 | 23, 616 |
| December | 87 | 656 | 4, 586 | 427 | 437 | 8, 364 | 72 | 118 | 987 | 317 | 427 | 6, 028 | 322 | 34,043 | 2, 446 | 90, 227 | 1,720 | 5,890 | 23, 000 |
| Monthily average | 46 | 488 | 3, 104 | 116 | 789 | 4, 242 | 101 | 219 | 1,472 | 185 | 439 | 2, 688 | 169 | 8, 800 | 1,098 | 41, 626 | 3, 378 | 6,085 | 20,772 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January. | 109 | 307 | 6, 242 | 339 | 866 | 5, 688 | 66 | 105 | 1,049 | 347 | 481 | 4,896 | 358 | 10,596 | 2, 222 | 103,141 | 1,730 | 3,943 | 15, 110 |
| February | 41 | 349 | 2, 826 | 135 | 816 | 4, 168 | 64 | 120 | 825 | 157 | 368 | 3, 938 | 185 | 6,443 | 1, 101 | 46, 739 | 1,965 | 3, 634 | 14,520 |
| March | ${ }_{6}^{62}$ | 641 | 4, 767 | 158 | 495 | 4, 294 | 95 | 153 | 1,115 | 276 | 1, 029 | 9, 435 | 245 | 21,003 | 1,761 | 71, 937 | 3, ${ }^{2}$ | 6,051 |  |
| April. | 48 | 201 | 1,368 | 92 79 | $\stackrel{421}{269}$ | 2,152 | 108 | 329 309 | 1,707 | 299 | 655 465 | 4,617 <br> 3,780 | 193 | 12,372 | 1,184 | 157, 515 | 3, 594 4,200 3,20 | 6,041 6,156 | 22, 838 |
| June. | 66 | 449 | 3,243 | 130 | 888 | 4,700 | 158 | 327 | 2,602 | 256 | 336 | 2,265 | 232 | 13,069 | 1,344 | 44,340 | 3,730 | 6,601 | 26,565 |
| July. | 66 | 238 | 3, 969 | 167 | 860 | 4, 076 | 143 | 315 | 2,447 | 188 | 420 | 3,876 | 199 | 7,901 | 1,051 | 31, 166 | 3,025 | 4,780 | 19,845 |
| August | 76 | 510 | 3,298 | 163 | 1,418 | 5, 270 | 139 | 223 | 1,675 | 197 | 691 | 4,496 | 206 | 8, 651 | 1,087 | 41, 006 | 3, 197 | 5,027 | 18, 634 |
| Septemb | 50 73 | 197 | 1,407 | 125 | 742 | ${ }_{4} 5.196$ | 111 | 275 | 1,649 | 194 249 | 301 257 | 2, 381 | 196 | -8,510 | 1, 1213 | -42, 598 | 3, 4 468 | ${ }^{2} \mathbf{7} 845$ | 17, ${ }_{26} \mathbf{3} 50$ |
| November | ${ }_{69}$ | 312 | 3, 2152 | $\underset{133}{100}$ | 1,198 | $\stackrel{4,892}{9,459}$ | 129 119 | 160 | 1, ${ }_{969}$ | 249 177 | 231 | 2, 388 | 252 | 8,496 | 1, 210 | 43, 847 | 3, 346 | 5, 314 | 19, 910 |
| December. | 35 | 158 | 2,585 | 131 | 539 | 4, 169 | 78 | 144 | 1,010 | 154 | 212 | 2,005 | 165 | 12,911 | 945 | 37,150 | 2, 491 | 4,048 | 14, 561 |
| Monthly average | 62 | 352 | 3, 109 | 151 | 785 | 4, 639 | 111 | 221 | 1, 525 | 238 | 454 | s, 965 | 227 | 10, 616 | 1,389 | 52, 087 | 8, 157 | 6,355 | 20,787 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 43 | 399 | 3. 592 | 139 | 596 | 4, 132 | 73 | 85 | 822 | 158 | 436 | 2,818 | 156 | 8,707 | 876 | 35,699 | 2,900 | 5, 528 | 22,410 |
| February | 35 | 38 | 646 | 145 | 768 | 4,843 | 74 | 81 | 472 | 137 | 272 | I, 917 | 122 | 3,885 | 700 | 23, 933 | 2,964 | 4,569 | 16, 617 |
| March | 55 | 392 | 3,888 | 167 | 962 | 6,991 | 116 | 213 | 1,866 | 174 | 309 | 2, 624 | 161 | 6,475 | 933 | 39,779 | 4, 732 | 8,809 | 32, 209 |
| April. | 65 | 170 | 1,659 | 142 | 446 | 3,079 | 156 | 444 | 2, 854 | 270 | ${ }_{6}^{667}$ | 3, 957 | 158 | 7,319 | ${ }^{926}$ | 33,170 | 6, 098 | 11, 887 | 42, 203 |
| May. | 62 | 517 | 3,270 | 113 | 814 | 6,404 | 145 | 324 | 1, 774 | 259 | 542 | 6,261 | 132 | 5,419 | 923 | 25,907 | ${ }_{6,168}^{6,268}$ | 13, 136 | 44, 902 |
| June.- | 58 | 487 | 3,729 | 131 | 706 | $\therefore 672$ | 161 | 447 | 2,511 | 210 | 272 | 2,915 | 138 | 9, 146 | 1,087 | 29,991 | 6, 166 | 13,702 | 49,833 |
| July- | 62 | 303 | 4,433 | 119 | 447 | 3,190 | 178 | 470 | 3, 809 | 266 | 546 | 3, 921 | 198 | 13,810 | 1,050 | 40083 | 6,356 | 13, 115 | 48,395 |
| August | 60 | 188 | 1, 434 | 127 | 2,319 | 14, 188 | 144 | 319 | 2, 038 | 262 | 461 | 4, 106 | 182 | 4, 422 | 1, 358 | 65, 118 | ${ }^{5,808}$ | 11, 763 | 40, 528 |
| Septembe | 50 75 | 357 442 | 2,792 2,768 | 1152 | 1,985 1,119 | 13,547 10,931 | 138 167 | 315 389 | 2,502 2,450 2 | 208 247 | 676 540 | 6,757 5,199 | ${ }_{223}^{176}$ | 12,493 | 1,432 | -63,653 | 5,602 6,230 | 12, 002 | 41, 8111 |
| Noveraber | 86 | 795 | 6,671 | 191 | ${ }^{1} 933$ | 6, 764 | $\stackrel{1}{98}$ | 222 | 1, 334 | 215 | 729 | 6,962 | 207 | 10, 694 | 1, 540 | 69, 645 | 4, 756 | 12, 263 | 39, 695 |
| December | 85 | 2,089 | 12, 174 | 226 | 2, 128 | 16,046 | 71 | 225 | 1,243 | 262 | 1,211 | 10,646 | 269 | 18, 104 | 1,328 | 76, 387. | 3,856 | 11,890 | 45, 140 |
| Monthly average.------- | 61 | 515 | 3, 921 | 152 | 1,127 | 8,149 | 127 | 294 | 1,973 | 222 | 565 | 5,014 | 177 | 9, 300 | 1, 148 | 48, 212 | 6, 145 | 11,286 | 39, 004 |

For footnotes see p. 166.

## CONSTRUCTION AND REAL ESTATE-ENGINEERING CONTRACTS, HIGHWAYS AND GRADE CROSSING PROJECTS

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow{7}{*}{Year and
Montri} \& \multirow[t]{6}{*}{} \& \multicolumn{2}{|l|}{\multirow[t]{3}{*}{\[
\left|\begin{array}{c}
\text { CONCRETE } \\
\text { PAVE- } \\
\text { MENT } \\
\text { TRANCT } \\
\text { AWARDS }
\end{array}\right|
\]}} \& \multicolumn{15}{|l|}{STATUS OF HIGHWAY AND GRADE CROSSING PROJECTS ' ADMINISTERED BY U. S. BUREAU OF} \\
\hline \& \& \& \& \multicolumn{12}{|c|}{High ways} \& \multicolumn{3}{|l|}{\multirow[t]{2}{*}{Grade crossings approved for construction}} \\
\hline \& \& \& \& \multicolumn{5}{|c|}{Approved for construction} \& \multicolumn{7}{|c|}{Under construction} \& \& \& \\
\hline \& \& \multirow[b]{3}{*}{Total} \& \multirow[b]{3}{*}{\[
\left\lvert\, \begin{gathered}
\text { Roads } \\
\text { only }
\end{gathered}\right.
\]} \& \multirow[b]{3}{*}{\[
\begin{gathered}
\text { Mille- } \\
\text { age }
\end{gathered}
\]} \& \multicolumn{4}{|c|}{Allotments} \& \multirow[b]{3}{*}{\[
\begin{aligned}
\& \text { Mile- } \\
\& \text { age }
\end{aligned}
\]} \& \multicolumn{5}{|c|}{Allotments} \& \multirow[b]{3}{*}{\(\underset{\substack{\text { Esti- } \\ \text { total } \\ \text { cost }}}{ }\)} \& \multirow[b]{3}{*}{\[
\begin{array}{|c}
\text { ProJ- } \\
\text { ects }
\end{array}
\]} \& \multirow[t]{3}{*}{\begin{tabular}{|c|} 
Works \\
Pro- \\
gram \\
funds \\
al- \\
lotted
\end{tabular}} \& \multirow[t]{3}{*}{Estl-mated total cost} \\
\hline \& \& \& \& \& \& \[
\left\lvert\, \begin{gathered}
\text { Regu- } \\
\text { tar }
\end{gathered}\right.
\] \& 1934-35 \& \& \& \& \[
\begin{array}{|c|}
\text { Regu- } \\
\text { lar }
\end{array}
\] \& Public
Progr \& Works
\[
\mathrm{am}
\] \& \& \& \& \& \\
\hline \& \& \& \& \& Total \& Federal aid \& \[
\begin{aligned}
\& \text { Public } \\
\& \text { Works } \\
\& \text { funds }
\end{aligned}
\] \& \[
\begin{aligned}
\& \text { gram } \\
\& \text { funds }
\end{aligned}
\] \& \& Total \& Federal ald \& \[
\begin{aligned}
\& \text { 1934-35-35 } \\
\& \text { fund }
\end{aligned}
\] \& \[
\begin{aligned}
\& \text { Fed- } \\
\& \text { eral } \\
\& \text { aid }
\end{aligned}
\] \& \[
\begin{gathered}
\text { Prom } \\
\text { gram } \\
\text { funds }
\end{gathered}
\] \& \& \& \& \\
\hline \& Thousands of dollars \& \multicolumn{2}{|l|}{Thousands of square yards} \& \[
\underset{\text { ber }}{\text { Numn- }}
\] \& \multicolumn{4}{|c|}{Thousands of dollars} \& \[
\underset{\text { ner }}{\text { Num- }}
\] \& \multicolumn{6}{|c|}{Thousands of dollars} \& \[
\underset{\text { ner }}{\text { Num- }}
\] \& \multicolumn{2}{|l|}{Thousands of dollars} \\
\hline 1913 mo \& 50, 117
48,574 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline 1914 mog - 1915 \& 48, 740 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline 1016 moso \& 77,778 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline 1917 mo.av- \& 61, 592 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline 1918 mo.av- \& 82,729 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline 1919 mo.ar \& 97, 991 \& 4, 177 \& 3,221 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline \(1920 \mathrm{mo.av}\) - \& 126, 923 \& 3, 264 \& 2,454 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline 1921 mo. aF \& -99,459 \& 4, 688 \& 3,662 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline 1022 mo av- \& 129,716 \& 6,595
6,497 \&  \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline \[
\begin{aligned}
\& 1923 \text { mo.av- } \\
\& 1924 \text { mo.av- }
\end{aligned}
\] \& 166, 593 \& 7,687 \& 4, 442 \& 2, 484 \& 20,938 \& 20, 838 \& \& \& 16, 242 \& 150, 913 \& 150, 913 \& \& \& \& 333, 979 \& \& \& \\
\hline 1925 mo.av- \& 213, 287 \& 8, 681 \& 5, 328 \& 2,570 \& 19,441 \& 19,441 \& \& \& 13, 025 \& 122,805 \& 122,895 \& \& \& \& 284,609 \& \& \& \\
\hline 1926 mogav \& \begin{tabular}{l}
237,820 \\
271,147 \\
\hline
\end{tabular} \& ( \(\begin{array}{r}9,489 \\ 10,481\end{array}\) \& 5, 415
6,163 \& 2, 288
2,598 \& 18,886
19,909 \& 18,886
19,309 \& \& \& 12,453 \& 111,823
108,196 \& 111,823 \& \& \& \& 262,957
258,503
280 \& \& \& \\
\hline 1928 moav. \& 298, 215 \& 12, 340 \& 7,794 \& 2,706 \& 22, 618 \& 22, 118 \& \& \& 10,754 \& 105, 386 \& 105, 386 \& \& \& \& 283, 935 \& \& \& \\
\hline 1929 mo av- \& 329, 193 \& 11, 639 \& 7,713 \& 2,038 \& 16,667 \& 16, 667 \& \& \& 9,926 \& 100, 230 \& 100, 230 \& \& \& \& 248, 071 \& \& \& \\
\hline 1930 mo . av - \& 264, 438 \& 12, 152 \& 9,000 \& 2,720
3
3 \& 24, 441 \& 24,441
20, \& \& \& 10,543 \& 117, 845 \& 117, 845 \& \& \& \& 289, 465 \& \& \& \\
\hline 1831 mog av- \& 202, 693 \& 11, 207 \& 9,321 \& 3,119 \& 29, 158 \& 29, 158 \& \& \& 16,241 \& 173, 362 \& 173, 362 \& \& \& \& 388, 004 \& \& \& \\
\hline 1932 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline February.- \& 85, 814 \& 3, 3 , 255 \& 3, 3 , 282 \& 2, 2,671 \& 10,220 20 \& 18, 220 \& \& \& 8,323 \& 93, 945 \& \({ }^{93}\) 93, 245 \& \& \& \& 200, 621 \& \& \& \\
\hline March....- \& 190, 116 \& 6,005 \& 5,457 \& 3,185 \& 25, 235 \& 25, 235 \& \& \& 8,440 \& 93, 018 \& \({ }^{93,018}\) \& \& \& \& 198, 941 \& \& \& \\
\hline April. \& 102, 274 \& 11,088 \& 10,366 \& 3,986 \& 33,057 \& 33, 057 \& \& \& 8,739 \& 93,997
103 \& 93, 987 \& \& \& \& 199, 726 \& \& \& \\
\hline May-. \& 107, 743 \& 10,360 \& 9, 242 \& 4, 200 \& 31,845
28,014 \& 31, 845 \& \& \& -9,734 \& 103,028
109 \& \[
\| \begin{aligned}
\& 103,026 \\
\& 109,230
\end{aligned}
\] \& \& \& \& 219, 647 \& \& \& \\
\hline June. \& \#118, 587 \& 11,068 \& 10, 038 \& 4,078 \& 28, 014 \& 28, 014 \& \& \& 10,512 \& 109, 230 \& 109, 230 \& \& \& \& 234, 043 \& \& \& \\
\hline July--- \& \(\begin{array}{r}120,458 \\ 81,634 \\ \hline\end{array}\) \& 7, \(\begin{array}{r}\text { 7, } 236 \\ 1275\end{array}\) \& -6, 230 \& 3, 3 3,82 \& 22,516
19,285 \& 22, 516 \& \& \& 11,237 \& 112, 630 \& \[
\left\lvert\, \begin{aligned}
\& 112,630 \\
\& 112,686
\end{aligned}\right.
\] \& \& \& \& \begin{tabular}{l}
240,857 \\
242,175 \\
\hline
\end{tabular} \& \& \& \\
\hline September- \& 8114, 487 \& 12,653 \& 10,690 \& 3,691 \& 19,394 \& 19, 1894 \& \& \& 11, 1318 \& 115, 528 \& (115, 528 \& \& \& \& 2420, 93 \& \& \& \\
\hline October. \& 100, 812 \& 6, 712 \& 5,667 \& 3,570 \& 17,378 \& 17, 378 \& \& \& 13,224 \& 107, 152 \& 107, 152 \& \& \& \& 255, 315 \& \& \& \\
\hline November. \& 100, 443 \& 8, 002 \& 7,592 \& 3,228 \& 15, 619 \& 15, 619 \& \& \& 12, 978 \& 101,098 \& 101, 098 \& \& \& \& 250, 724 \& \& \& \\
\hline December. \& \$103, 360 \& 5,649 \& 4,638 \& 2,682 \& 13, 314 \& 13, 314 \& \& \& 13, 349 \& 88, 257 \& 98, 257 \& \& \& \& 250, 978 \& \& \& \\
\hline \[
\begin{aligned}
\& \text { Monthly av- } \\
\& \text { erage.... }
\end{aligned}
\] \& 101, 609 \& 8, 068 \& 7, 199 \& S, 420 \& 22,042 \& 22,042 \& \& \& 10,808 \& 102, 798 \& 102, 799 \& \& \& \& 229, 780 \& \& \& \\
\hline \({ }_{\text {¢ }}{ }^{\text {¢19333 }}\) \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline January \({ }_{\text {February }}\) \& 95, 302
60.513 \& 5,387 \& 5, 129
1,280 \& 2,489 \& 11,903 \({ }^{\text {9, }} 816\) \& 11,903
9816 \& \& \& 13,301 \& 95,884
97 \& 95, 884 \& \& \& \& 252, 372
280,185 \& \& \& \\
\hline February-- \& 60,513
\(+57,934\) \& 1, 1,787 \& 1,280 \& 2,218
1,959
2, \& 9,816
7,498 \& 11,936
7,498 \& \& \& 13,855 \& 97,337
98,311 \& 97, 937 \& \& \& \& -260, 185 \& \& \& \\
\hline April. \& 49,303 \& 479 \& + 379 \& 1,151 \& 3,938 \& 3,938 \& \& \& 14,209 \& 97, 551 \& 97, 551 \& \& \& \& 269, 489 \& \& \& \\
\hline May \& 78, 198 \& 2,021 \& 1,753 \& \({ }^{1} 762\) \& 2,642 \& 2,642 \& \& \& 13, 657 \& 92, 669 \& 92, 669 \& \& \& \& 260, 736 \& \& \& \\
\hline June \& \$104, 200 \& 1, 742 \& 1,427 \& 759 \& 3, 067 \& 3,087 \& \& \& 12,384 \& 86, 141 \& 86, 141 \& \& \& \& 242, 107 \& \& \& \\
\hline July \& 50,368 \& 1,428 \& 879 \& 944 \& 3, 539 \& 3, 539 \& \& \& 11,243 \& 79,844 \& 79, 844 \& \& \& \& 222, 452 \& \& \& \\
\hline Alugut....-- \& 774, 063
108, 677 \& 5, 650
5,765 \& 5, 300
4,828 \& - 694 \& 3,702
73,881 \& 3,702
1,103 \& \& \& - \(\begin{array}{r}1,339 \\ 9,869\end{array}\) \& 68, 270
91,140 \& 68, 270
57, 185 \& \& \& \& 193, 040 \& \& \& \\
\hline September. \& 108, 677 \& 5, 7665 \& 6, 408 \& 4, \({ }^{\text {4, }}\), 954 \& 73, 781 \& \(\begin{array}{r}1,103 \\ \hline 739\end{array}\) \& 72,778 \& \& 9,889
11,426 \& 91,148
134,586 \& 57, 185
45,420 \& -32,892 \& 1,063 \& \& 193,406
213,924 \& \& \& \\
\hline November- \& \$147, 446 \& 5, 542 \& 4, 171 \& 4,807 \& 76, 803 \& 184 \& 76, 619 \& \& 12, 756 \& 164, 584 \& 34, 862 \& 124, 652 \& 5,071 \& \& 224, 859 \& \& \& \\
\hline December.- \& 102, 563 \& 5, 921 \& 4, 107 \& 5,671 \& 93, 711 \& 273 \& 93, 439 \& \& 13, 173 \& 179,549 \& 26, 724 \& 147, 264 \& 5, 561 \& \& 225, 749 \& \& \& \\
\hline \[
\begin{gathered}
\text { Monthly av- } \\
\text { erage_..... } \\
1934
\end{gathered}
\] \& 89,081 \& 3,761 \& 3, 095 \& 2, 041 \& 30,497 \& 4,039 \& '79,392 \& \& 12,398 \& 107, 158 \& 73, 350 \& 597,689 \& 3,718 \& \& 235, 186 \& \& \& \\
\hline January-.-- \& 133, 581 \& 3, 921 \& 2, 131 \& 4,529 \& 80, 948 \& 150 \& 80, 795 \& \& 14, 062 \& 209, 866 \& 21,879 \& 180, 944 \& 7,042 \& \& 248, 959 \& \& \& \\
\hline February-- \& 104, \& 3, 388 \& 2,356
2,143 \& 4, 368
4,298 \& 80,596 \& 139
220 \& 80,456 \& \& 14, 493 \& 225, 903 \& 19,570 \& 188,759
221,169 \& 7,574 \& \& 281, 971 \& \& \& \\
\hline April.- \& \({ }_{1}{ }_{1} 101,102\) \& 2,459 \& 1, 463 \& 3, 305 \& 62, 355 \& 139 \& 62, 216 \& \& 15,417 \& 274, 013 \& 16,636 \& 248, 942 \& 8,435 \& \& 308, 315 \& \& \& \\
\hline May. \& \$116, 743 \& 3,752 \& 2,200 \& 2, 409 \& 43, 394 \& 96 \& 43, 297 \& \& 15, 512 \& 292, 696 \& 16, 410 \& 287, 371 \& 8,914 \& \& 324, 819 \& \& \& \\
\hline June \& 109, 993 \& 2,628 \& 1,572 \& 1,752 \& 31, 406 \& 257 \& 31, 149 \& \& 14, 761 \& 285, 901 \& 14,224 \& 263, 042 \& 8, 634 \& \& 317, 101 \& \& \& \\
\hline July -.....- \& 118, 000 \& 2,949 \& 2, 093 \& 1,240 \& 22,727 \& 246 \& 22, 481 \& \& 13,484 \& 267, 845 \& 13, 030 \& 246, 304 \& \& \& 296, 492 \& \& \& \\
\hline August....- \& - \(\ddagger 109,115\) \& 2,858 \& 1, 557 \& 1, 624 \& 25, 689 \& 141 \& 25, 488 \& \& 11,061
9,520 \& 230,741
200,713 \& 11, 173 \& 211,980
183,915 \& 7,608
7,123 \& \& 2566, 792 \& \& \& \\
\hline October-... \& 90, 501 \& 5,082 \& 3, 760 \& 2,878 \& 43, 817 \& 163 \& 43, 654 \& \& 8,433 \& 175, 458 \& 88 \& 160, 775 \& 6,093 \& \& 198, 661 \& \& \& \\
\hline Novermber. \& t134, 148 \& 3, 619 \& 3, 101 \& 2,916 \& 46,994 \& 143 \& 46, 851 \& \& 7,777 \& 152, 268 \& 7,853 \& 139, 017 \& 5,399 \& \& 173, 903 \& \& \& \\
\hline Decembe \& 101, 419 \& 6,301 \& 4,336 \& 3,336 \& 58,158 \& 93 \& 58,065 \& \& 7,371 \& 143, 234 \& 7, 132 \& 131, 388 \& 4,714 \& \& 163, 587 \& \& \& \\
\hline \[
\begin{gathered}
\text { Monthly av- } \\
\text { erage.... }
\end{gathered}
\] \& 113, 983 \& 3,758 \& 2, 617 \& 2,862 \& b1, 040 \& 168 \& 50,885 \& \& 11,116 \& 285, 480 \& 13,680 \& 204, 473 \& 7,326 \& \& 254, 829 \& \& \& \\
\hline \begin{tabular}{c}
1935 \\
January \\
\hline
\end{tabular} \& \& \& \& \& \& 78 \& \& \& \& \& \& \& 4,146 \& \& \& \& \& \\
\hline February-- \& 68, 089 \& 2,331 \& 1, 1,683 \& 3,573 \& 58, 511 \& 125 \& 59,385 \& \& 7, 524 \& 147, 922 \& 3,831 \& 140, 080 \& 4, 031 \& \& 164, 415 \& \& \& \\
\hline March.... \& 90, 958 \& 2,541 \& 1,978 \& 3, 205 \& 51, 634 \& 125 \& 51, 609 \& \& 8,245 \& 162, 680 \& 3,590 \& 154, 888 \& 4, 103 \& \& 179, 180 \& \& \& \\
\hline April. \& 116, 972 \& 1,706 \& 1, 826 \& 2,650
1,889 \& 40,701
33,480 \& 78 \& 40,622
33,480 \& \& 9,138
989 \& 178,976
182,563 \& 3,

2
2 \& 171, 294 \& 4, 110 \& \& 196, 077 \& \& \& <br>
\hline June-........ \& 110, 161 \& 2, 129 \& 1,508 \& 1,427 \& 26, 004 \& 0 \& 26, 004 \& \& 8, 680 \& 174, 587 \& 1,950 \& 168, 816 \& 3,815 \& \& 189, 496 \& \& \& <br>
\hline July \& 86,873 \& 3, 303 \& 2, 381 \& 876 \& 20,048 \& 0 \& 20, 048 \& \& 8,002 \& 160, 510 \& 1,509 \& 155, 739 \& 3,261 \& \& 174, 371 \& \& \& <br>
\hline August....- \& 1158,057 \& 3,052 \& 2, 398 \& 559 \& 14, 221 \& 0 \& 14, 221 \& \& 6,493 \& 140, 105 \& 1, 371 \& 136, 399 \& 2,334
2 \& \& 152, 150 \& ---... \& \& <br>

\hline October \& \$182, 631 \& ${ }^{4,816}$ \& 5,888 \& 2,134 \& 13, 7 , 7818 \& 22, 276 \& 10, 100 \& \& | 5,815 |
| :--- |
| 5 | \& 111, 037 \& 21,883 \& -22,885 \& 1,328 \& \& 128,813

143,551 \& \& \& <br>
\hline November. \& 154, 073 \& 4,496 \& 3, 327 \& 5,477 \& 77,339 \& 20, 451 \& 8, 740 \& 48, 149 \& 7,133 \& 128, 062 \& 27, 998 \& 80, 810 \& 1,189 \& 18, 065 \& 160, 190 \& \& 26, 933 \& 36, 211 <br>
\hline December.. \& 235, 506 \& 6,869 \& 3,591 \& 5,803 \& 78, 913 \& 19,235 \& 8,092 \& 51,586 \& 7,948 \& 137, 141 \& 33,635 \& 68,965 \& 982 \& 33, 659 \& 172,893 \& \& 34, 972 \& 36, 203 <br>

\hline $$
\begin{aligned}
& \text { Monthly av- } \\
& \text { erage..... }
\end{aligned}
$$ \& 192, 513 \& 3, 810 \& 2, 669 \& 2,622 \& 41, 989 \& 8, 197 \& 28,480 \& \& 7, 581 \& 148,925 \& 9.092 \& 132. 680 \& 2,951 \& \& 188, 185 \& \& \& <br>

\hline
\end{tabular}

CONSTRUGTION AND REAL ESTATE—GRADE GROSSING PROJECTS AND CONSTRUCTION COST INDEXES

| $\begin{gathered} \text { YgAR AND } \\ \text { MONTH } \end{gathered}$ | STATUS OF HIGHWAY AND GRADE CROSSING PROJECHS : |  |  | CONSTRUCTION COSTS INDEXES |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Asso- <br> Gen- <br> eral <br> Con- <br> tors, <br> types |  | Aber. thaw indus-bullding ${ }^{5}$ | E. H. Boeckh and Associates, Inc. ${ }^{\text {b }}$ |  |  |  |  |  |  |  |  |  |  |  |
|  | Grade Crossings Under Construction |  |  |  |  |  |  | Apartments, hotels and offle buildings |  |  |  | Commercial and factory buildings |  |  |  |  |  |  |  |
|  | $\begin{aligned} & \text { Proj- } \\ & \text { ects } \end{aligned}$ | Works <br> Pro= <br> gram <br> ynnds ted | Estimated total cost |  |  |  |  | Brick and concrete |  |  |  | Brick and concrete |  |  |  | Brick and steel |  |  |  |
|  |  |  |  |  |  |  |  | $\begin{gathered} \text { At- } \\ \text { lan- } \\ \text { ta } \end{gathered}$ | New York | $\begin{aligned} & \text { San } \\ & \underset{\text { Fran }}{\text { cisco }} \end{aligned}$ | st. Louis | $\begin{gathered} \text { At- } \\ \text { lan- } \\ \text { ta } \end{gathered}$ | New York | $\begin{gathered} \text { San } \\ \text { Fran- } \\ \text { cisco } \end{gathered}$ | st. Louis | $\begin{aligned} & \text { At- } \\ & \text { lan- } \\ & \text { ta } \end{aligned}$ | New York | San Fran clsco | st. <br> Louis |
|  | $\underset{\text { ber }}{\text { Num- }}$ | Thousands of dollars |  | Monthly average 1913=100 |  |  | $\left\|\begin{array}{c} \text { Mo. gv. } \\ 1914=100 \end{array}\right\|$ | United States average prices 1926-29=100 |  |  |  |  |  |  |  |  |  |  |  |
| 1913 mo. av. |  |  |  | 100.0 | 100 | 100.0 |  | 43.3 | 53.9 | 63.8 | 56.7 | 43.0 | 53.7 | 67.8 | 57.8 | 44.3 | 53.2 | 64.4 | 54.7 |
| 1914 mo. 8 m |  |  |  | 98.2 101.2 | 199 100 1 |  | 100 | 43.2 43.3 | 53.3 52.5 | 61.8 62.5 | 54.4 56.8 | 42.1 | 54.6 53.1 | 66.0 67.5 | 54.7 58.6 | 43.4 43.7 |  | 59.4 59.8 | 53.4 |
| 1915 mo. av.. |  |  |  | 1101.1 | 100 114 | 92.6 129.6 |  | 43.3 52.6 | 52.5 62.3 | 62.5 67.6 | 56.9 62.6 | 43.8 53.8 | 53.1 62.1 | 67.5 70.1 | 58.6 62.8 | 43.7 <br> 57.6 | 51.8 60.0 | 59.8 73.8 | ${ }_{70.1}^{55.1}$ |
| 1917 mo . av |  |  |  | 143.9 | 152 | 181.2 |  | 63.7 | 71.8 | 77.2 | 71.7 | 63.9 | 72.3 | 78.1 | 71.5 | 74.4 | 83.9 | 94.6 | 81.3 |
| 1918 mo. av. |  |  |  | 171.6 | 175 | 189.2 |  | 74.6 | 82.2 | 85.8 | 82.5 | 75.4 | 83.1 | 87.4 | 82.7 | 80.7 | 80.2 | 94, 3 | 89.1 |
| 1919 mo. av |  |  |  | 212.5 | 198 | 198.4 |  | 87.0 | ${ }^{92.0}$ | 100.0 | 91.4 | 86.5 | 102.6 | 98.5 | 91.6 | 90.9 | 95.2 | 102.2 | 93.8 |
| 1920 mo. av |  |  |  | 288.3 | 247 200 | 251.3 201.8 |  | ${ }^{110.6}$ | 123.3 101.3 | 115.2 | 112.1 | ${ }^{111.0}$ | 123.8 | 115.1 105.6 | 110.7 | 108.5 76.8 | 122.6 | 1122.1 | 113.1 |
| 1921 mo. av. |  |  |  | 205.1 189.4 | 200 <br> 184 | 201.8 174.5 | 179 <br> 170 | 81.9 79.6 | 101.3 96.7 | 102.6 97.1 | 105.0 96.2 | 84.0 80.6 | 103.5 100.1 | 105.6 100.5 | 106.7 | 76.8 74.6 | ${ }_{98.3}^{10.1}$ | 102.6 95.6 | 103.2 93.9 |
| $1923 \mathrm{mos.av}$ |  |  |  | 212.4 | 201 | 214.1 | 202 | 88.9 | 112.3 | 103.1 | 110.2 | 91.9 | 115.8 | 106.4 | 111.7 | 86.1 | 112.7 | 103.1 | 109.4 |
| 1924 mo . av |  |  |  | 209.7 | 202 | 215.4 | 188 | 91.1 | 100.6 | 97.0 | 117.3 | 94.7 | 98.6 | 103.8 | 119.2 | 89.8 | 96.9 | 98.7 | 115.7 |
| 1925 mo. av |  |  |  | 203.5 | 199 | 206.7 | 195 | 88.6 | 105.6 | 99.5 | 116.3 | 92.5 | 113.3 | 102.1 | 118.1 | 83.4 | 110.3 | 98.0 | 114.4 |
| 1926 mo. av |  |  |  | 204.1 | 197 | 208.0 | 197 | 91.5 | 112.5 | 103.3 | 115.5 | 98.3 | 123.0 | 107.0 | 116. 9 | 86.6 | 118.2 | 102.6 | 114.3 |
| 1927 mo. av. |  |  |  | 203.7 203.4 | 199 | 206.2 208.8 | 193 | ${ }_{92.4}^{90.6}$ | 1118.2 | 102.1 | ${ }_{112.6} 113$ | ${ }_{97.0}^{96.8}$ | 118.8 | 105.3 | 112.5 | 85.9 92.0 | 115.6 | 100.5 | ${ }_{1116.0}$ |
| 1928 mo. av |  |  |  | 204.1 | 203 | 207.0 | 190 | 94.8 | 126. 6 | 103.1 | 113.1 | 96.4 | 130.3 | 107.3 | 116.3 | 97. 6 | 128.2 | 103.2 | 110.4 |
| 1930 mo. av |  |  |  | 197.5 | 200 | 202.9 | 186 | 95.0 | 124.1 | 101.5 | 112.4 | 98.7 | 128.0 | 105.6 | 115.3 | 96.7 | 123.6 | 101.9 | 112.4 |
| 1931 mo. av |  |  |  | 170.7 | 196 | 181.4 | 176 | 83.9 | 119.7 | 95.5 | 108, 0 | 94, 1 | 123.8 | 101, 2 | 110.5 | 93.7 | 122.8 | 95.8 | 107.8 |
| $\begin{array}{r} 1932 \\ \text { January. } \end{array}$ |  |  |  |  | 190 | 162.5 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February-- |  |  |  | 157.0 | 189 | 161.8 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| March. |  |  |  | 156.0 | 183 | 157.2 | 172 | - |  | --1. |  |  |  |  |  |  |  |  |  |
| April.- |  |  |  | 154.0 | 178 | 153.1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Maye |  |  |  | 153.0 | 166 | 152.8 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| June.. |  |  |  | 151.0 | 164 |  | 167 |  |  |  |  |  |  |  |  |  |  |  |  |
| July |  |  |  | 150.0 | 163 | 153.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| August |  |  |  | 149.0 | 162 | 158.8 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| September |  |  |  | 149.0 147.0 | 163 163 | 158.0 159.2 | 166 |  |  |  |  |  |  |  |  |  |  |  |  |
| November. |  |  |  | 147.0 146.0 | 163 | 158.2 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| December- |  |  |  | 145.0 | 163 | 158.5 | 166 |  |  |  |  |  |  |  |  |  |  |  |  |
| Monthly average |  |  |  | 151.0 | 171 | 157.0 | ${ }^{1} 188$ | 86.2 | 105. 5 | 89.8 | 99.0 | 88.8 | 112.0 | 86. 4 | 102.4 | 89.2 | 109.1 | 82.1 | 101.2 |
| $\begin{array}{r} 1933 \\ \text { January.-- } \end{array}$ |  |  |  | 142.0 | 163 | 158.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fabruary |  |  |  | 141.0 140.0 | 1163 | 159.3 158.4 | 165 |  |  |  |  |  |  |  |  |  |  |  |  |
| April. |  |  |  | 140.0 | 158 | 160.2 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| May. |  |  |  | 140.0 | 158 | 164.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| June |  |  |  | 141.0 | 181 | 163.4 | 168 |  |  |  |  |  |  |  |  |  |  |  |  |
| July.. |  |  |  | 148.0 | 162 | 165.5 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| August |  |  |  | 150.0 | 165 | 167.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| September |  |  |  | 151.0 | 166 | 175.5 | 173 | -..-- |  |  |  |  |  |  |  |  |  |  |  |
| October- |  |  |  | 151.0 | 166 | 187.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| November- |  |  |  | 152.0 | 167 | 190.1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Decomber- |  |  |  | 153.0 | 168 | 192.1 | 175 |  |  |  |  |  |  |  |  |  |  |  |  |
| Monthly average 1934 |  |  |  | 148.0 | 168 | 170.2 | 7170 | 81.2 | 102.9 | 84.7 | 97.9 | 85.3 | 108.5 | 89. б | 102.8 | 78.0 | 102.4 | 85.3 | 99.6 |
| January-- |  |  |  | 153.0 | 168 | 191.3 |  | 80.6 | 101.1 | 88.0 | 101.9 | 84.7 |  |  | 106.5 |  | 101.0 | 91.1 |  |
| February |  |  |  | 154.0 158.0 15.0 | 169 172 189 | 194.0 194.1 | 176 | 81.9 82.0 | 103.1 106.3 | 92.0 93.4 | 105.1 106.7 | 85.2 88.6 | 105.6 107.8 | 93.0 97.1 | 108.2 112.3 | 84.2 84.2 | 108.2 109.3 | 94.5 90.5 | 105.2 107.3 |
| April. |  |  |  | 157.0 | 180 | 195.9 |  | 84.1 | 110.8 | 100.8 | 105.8 | 87.2 | 116. 1 | 106.5 | 109.5 | 86.3 | 109.9 | 102.2 | 108.3 |
| May. |  |  |  | 158.0 158.0 | 180 180 | 199.6 199.8 |  | 83.9 83 | ${ }_{1110} 1$ | 100.8 | 105.8 | 87.1 | 114.3 | 1106.5 | 109.5 | 88.1 | 109.7 | 102.2 | 108.3 |
| June. |  |  |  | 158.0 | 180 | 199.8 | 177 | 83.9 | 110.5 | 100.0 | 104.7 | 87.1 | 114.6 | 104.7 | 109.5 | 86.1 | 110.7 | 102.5 | 108. 5 |
| July... |  |  |  | 157.0 157.0 | 182 | 199.7 198.4 |  | 84.0 | 110.4 109.9 | 99.8 98.8 | 105.2 | 87.2 |  | 105. 1 | 109.7 | ${ }_{87.5}^{87.1}$ |  | 90.3 99.7 | 109.5 109.0 |
| August.-- |  |  |  | 157.0 157.0 | 183 182 | 198.4 200.6 | 177 | 84.0 | 109.9 109.1 | 98.9 98.6 | 106.8 106.5 | 87.5 89.8 | 114.1 113.0 | 104.7 105.2 | 110.8 110.3 | 87.5 88.6 | 110.0 109.3 | 99.7 100.3 | 109.0 |
| Oetober- |  |  |  | 158.0 | 181 | 200.9 |  | 85.8 | 109.1 | 99.6 | 108.5 | 90.0 | 113.0 | 105.2 | 110.3 | 88.6 | 109.3 | 100.3 | 107.9 |
| November |  |  |  | 158.0 | 181 | 201.4 |  | 84.9 | 108.5 | 98.9 | 108.0 | 89.0 | 112.5 | 104.7 | 109.9 | 87.5 | 108.8 | ${ }^{99.6}$ | 107.5 |
| December......- |  |  |  | 158.0 | 180 | 201.8 | 177 | 84.9 | 108.5 | 98.2 | 108.0 | 87.4 | 112.5 | 104. 4 | 109.9 | 87.5 | 108.8 | 100.4 | 107.5 |
| Monthly average |  |  |  | 157.0 | 178 | 188.1 | ${ }^{7} 177$ | 89.8 | 108.2 | 87.5 | 105.9 | 87.4 | 112.2 | 102.4 | 109.7 | 68.4 | 108.8 | 99.3 | 107. 6 |
| $\begin{array}{r} 1935 \\ \text { January } \end{array}$ |  |  |  | 158.0 | 180 | 198.7 |  |  |  |  | 106.1 |  | 109.2 | 104. 8 | 110.0 | 86.3 | 107.4 |  | 107.7 |
| February |  |  |  | 158.0 | 179 | 196.0 |  | 85.1 | 106.2 | 99.7 | 105.5 | 88.0 | 109.4 | 105.2 | 109.6 | 85.9 | 106.9 | 101.1 | 106.9 |
| March. |  |  |  | 158.0 | 178 | 194.3 | 177 | 85.1 | 106.1 | 100.3 | 105.5 | 88.0 | 109.4 | 105.5 | 100.6 | 86.0 | 106.8 | 101.5 | 106.9 |
| ${ }_{\text {April }}$ |  |  |  | 158.0 158.0 | 178 <br> 178 | 194.5 |  | ${ }_{84}^{85.1}$ | 106. 5 106.1 | 100.3 99.4 | 105.5 104.6 | 88.0 87.9 | 110.3 109.4 | 105.5 104.4 | 109.6 108.5 | 88.0 | 106. 108 | 100.5 | 106.9 105.7 |
| June. |  |  |  | 157.0 | 177 | 194.8 | 177 | 85.0 | 105.3 | 94.3 | 103.8 | 88.0 | 109.8 | 103.2 | 108.3 | 86.0 | 105.9 | 89.0 | 105.1 |
| July. |  |  |  | 157.0 | 175 | 195.2 |  | 83.8 | 104.9 | 94.3 | 103.8 | 87.0 | 108.9 | 103.2 | 108.3 | 85.0 | 105.4 | 99.0 | 105.1 |
| August- |  |  |  | 157.0 157.0 | 175 174 | 195. 1 |  | 838 | 1049 | 94.3 | 104.0 | 87.0 | 108.9 | 1103.2 | 108. 5 | 85.0 | 105. 4 | 99.0 | 105. 4 |
| September |  |  |  | 157.0 | 174 | 195. 1 | 177 | 83.8 | 104. 4 | 94.3 | 103.8 | 87.0 | ${ }_{108}^{108.2}$ | 103.2 | 108.3 | ${ }_{84}^{85.0}$ | 105.2 | 99.0 | 105.1 |
| November. | $\begin{gathered} 88 \\ 185 \end{gathered}$ | $\begin{array}{r} 6,492 \\ 16,186 \end{array}$ | $\begin{array}{r} 6,526 \\ 16,428 \end{array}$ | 157.0 | 173 | 194.9 |  | 82.5 | 103.0 | ${ }_{93.9}$ | 103.6 | 88.0 | 106.5 | 102.4 | 108.2 | 84.0 | 104.3 | 98.8 | 104.9 |
| December----... |  |  |  | 158.0 | 173 | 194.9 | 177 | 82.4 | 100.8 | 93.9 | 102.2 | 85.9 | 105.5 | 102.4 | 107.1 | 83.8 | 103.2 | 98.8 | 103.6 |
| Monthly average |  |  |  | 158.0 | 178 | 195.2 | ${ }^{1} 177$ | 83.9 | 103.6 | 28.5 | 104.2 | 87.6 | 107.4 | 103.7 | 108. 6 | 85.6 | 105.3 | 98.8 | 105. 7 |

For footnotes see pp. 156, 157.

## CONSTRUCTION AND REAL ESTATE-CONSTRUCTION COST INDEXES AND REAL ESTATE ACTIVITY



For footnotes, see p. 157.

DOMESTIC TRADE—ADVERTISING

| Ykar and Monte | PRINTERS' INK INDEXES (WITH ADJUSTMENT FOR SEASONAL VARIATION) |  |  |  |  |  | RADIO BROADCASTING, COST OF FACILITIES: |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Combined index | $\left\lvert\, \begin{aligned} & \text { Farm } \\ & \text { papers } \end{aligned}\right.$ | Magazines | Newspapers | $\begin{aligned} & \text { Out- } \\ & \text { door } \end{aligned}$ | Radio | Total | ${ }_{\substack{\text { Auto- } \\ \text { mo- } \\ \text { tive }}}^{\text {d }}$ |  | $\begin{gathered} \text { Cloth- } \\ \text { ing } \\ \text { and } \\ \text { dry } \\ \text { goods } \end{gathered}$ | Con-fec-tionery soft drinks | Drugs and toilet | Finan- cial and insur- ance | Foods and beverages | House <br> furn:ture and nishlings | $\underset{\text { Ma- }}{\text { Minery, }}$ <br> farm equipand me-chansupplies | Paints and hardware |
|  | Monthly average, 1928-32=100 |  |  |  |  |  | Thousands of dollars |  |  |  |  |  |  |  |  |  |  |
| 1921 monthly average.- |  |  | 68.4 | 98.2 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1922 monthly average- | 97.2 | 104.3 | 77.8 | 102.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1923 monthly average.- | 106.9 | ${ }_{1212}^{121} 5$ | 95.0 | 109.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1924 monthly average.-. 1925 monthly average.- | 107.0 | 122.0 130.5 | 97.1 98.8 | 1109.0 | 125.8 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1926 monthly average.- | 118.0 | 136.0 | 110.8 | 118.3 | 129.1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1927 monthly average.- | 115.8 | 127.7 | 112.8 | 114.5 | 133.5 |  | 313 |  |  |  |  |  |  |  |  |  |  |
| 1928 monthly average.- | 114.7 | 128.8 | 113.8 | 112.5 | 134.7 | 38.6 | 854 |  |  |  |  |  |  |  |  |  |  |
| 1929 monthly average.- | 120.7 | 130.8 | 125.4 | 118.9 | 124.8 | 71.5 | 1,561 | 143 | 19 | 26 | 47 | 162 | 77 | 1090 | 48 | 49 | 13 |
| 1930 monthly average.- | 104.9 | 113.8 | 103.2 | 103.7 | 105. 6 | 1103.8 | 2, 235 | 113 | 57 | 48 | 70 | 270 | 101 | 439 | 52 | 76 | 17 |
| 1931 monthly average..- | 91.8 | 77.2 | 88.2 | 92.0 | 78.1 | 140.3 | 2,982 | 109 | 32 | 48 | 113 | 509 | 124 | 748 | 88 | 61 | 61 |
| January 1932 | 81.680.3 | 53.554.8 | 74.074.3 | 81.880.7 | 70.062.9 | 162.5159.7 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 3,984 3,891 | 232 | 13 0 3 | ${ }_{20}^{18}$ | 100 151 | 881 <br> 888 <br> 188 | 142 130 | 973 1,001 108 | 32 <br> 59 <br> 8 | 7370 | ${ }_{82}$ |
| March | 78. 2 | 55. 5 | 72.768.5 | 78.4 | 60.9 | 159.2 | 4, 301 | 234 | 3 | 76 | 169 | 1,018 | 128 | 1,178 | 82 |  |  |
| April. | 75.772.3 | 55.0 |  | 75.8 | 61.7 | 158.1 | 4, 004 | 261 | 3 | 88 | 176 | 855 | 104 | 1,116 | 42 | 62 | 87 |
| May.- |  | 52.958.2 | 65.883.3 | 72.1 | 59.2 | 155.3 | 3, 632 | 230 | 0 | 77 | 169 | 783 | 110 | 1,030 | 20 | 65 | 77 |
| June.. | $\begin{aligned} & 72.3 \\ & 74.0 \end{aligned}$ |  |  | 76.1 | 50.8 | 158.3 | 2,997 | 175 | , | 26 | 58 | 701 | 96 | 1,025 | 4 | 43 | 36 |
| July Augist | 69.0 <br> 68.1 <br> 68.0 | $\begin{aligned} & 55.1 \\ & 47.6 \\ & 70.6 \end{aligned}$ | $\begin{aligned} & 60.3 \\ & 57.2 \end{aligned}$ | 70.1 | 51.2 60.3 | 145.8 143.8 | 2,417 | 137 | 0 | 2 | ${ }_{87}^{54}$ | 571 <br> 522 | 88 | 808 694 | 5 | 32 | 8 2 |
| August |  |  |  | 68.9 70.7 | 60.3 51.5 | 143.8 141.5 | 2,286 2,493 | 127 78 | 0 0 0 | ${ }_{23}$ | 67 139 | 474 | 84 80 | 684 780 | 13 | ${ }_{23}$ | 10 |
| October-.. | 68.0 <br> 64. 5 | $\begin{aligned} & 38.8 \\ & 38.8 \\ & 39.8 \end{aligned}$ | 57.3 | 67.1 | 43.2 | 119.4 | 3,036 | 58 | 0 | 19 | 134 | 558 | 92 | 909 | 16 | 35 | 18 |
| November |  | $\begin{array}{r} 00.8 \\ 41.8 \\ 42.6 \end{array}$ | 59.6 | 86.9 | 54.1 | 124.1 | 3,060 | 57 | 0 | 29 | 170 | 628 | 88 | 886 | 0 | 69 | 14 |
| December. | $\begin{aligned} & 66.0 \\ & 63.6 \end{aligned}$ |  | 53.1 | 66.6 | 44.3 | 122.6 | 3,006 | 118 | 0 | 17 | 186 | 650 | 99 | 898 | 0 | 84 | 8 |
| Monthly average. | 71.8 | 49.6 | 63.6 | 72.9 | 65.8 | 146.9 | 3, 259 | 168 | 2 | s3 | 186 | 711 | 104 | 941 | 21 | 56 | 36 |
| January_-...- | 62.7 | 37.7 | 56.7 | 63.7 | 51.6 | 114.7 |  | 176 |  |  |  |  |  |  | 32 |  |  |
| February | 60.3 | 34.0 | 55.6 | 62.1 | 42.2 | 111.0 | 2, 628 | 171 | 0 | 39 | 100 | 648 | 48 | 722 | 50 | 12 | 12 |
| March..- | 54.4 | 32.0 | 53.5 | 54.5 | 39.2 | 111.6 | 3, 014 | 215 | 0 | 47 | 120 | 719 | 54 | 860 | 77 | 0 | 13 |
| April. | 59.5 | 35.8 | 51.7 | 62.2 | 44.0 | 97.4 | 2, 466 | 126 | 0 | 52 | 103 | 598 | 54 | 767 | 43 | 0 | 13 |
| May | 62.0 | 34.5 | 53.5 | 65.7 | 43.0 | 97.8 | 2, 287 | 121 | 0 | 53 | 33 | 550 | 56 | 713 | 44 | 0 | 11 |
| June | 67.2 | 36.1 | 68.1 | 70.8 | 48.3 | 109.0 | 2,065 | 115 | 0 | 22 | 38 | 519 | 56 | 607 | 16 | 0 | 12 |
| July. | 65.7 | 38.0 | 59.2 | 67.8 | 50.2 | 109.6 | 1,816 | 128 | 0 | 9 | 38 | 413 | 50 | 567 | 23 | 0 | 9 |
| August | 72.0 | 50.5 | 61.9 | 75.4 | 50.6 | 120.0 | 1,907 | 234 | 0 | 5 | 39 | 357 | 59 | ${ }_{565}^{566}$ | 38 | 0 | 7 |
| September | 69.0 | 51.1 | 6.4 | 70.4 | 53.3 | 119.4 | 2, 103 | 209 | 6 | 24 | 80 | 499 | 52 | 655 | 0 | 0 | 15 |
| Novermber | 68.1 69.3 | 53.2 | 63.9 65.2 | 68.9 70.3 | 49.3 45 4 | 128.1 140.6 | 3,258 3,466 | ${ }_{273}^{261}$ | 30 26 | 46 43 | 188 177 | ${ }_{996}^{910}$ | 64 60 | 1,080 1,113 | 11 | ${ }_{9}$ | 19 19 |
| December | 69.3 | 44.4 | 64.7 | 63.0 | 55.2 | 150.8 | 3,697 | 289 | 17 | 43 | 168 | 1,053 | 61 | 1,086 | 54 | 15 | 11 |
| Monthly average......... | 65.0 | 41.6 | 68.9 | 66.7 | 47.7 | 117.5 | 2, 628 | 193 | 7 | 34 | 102 | 664 | 56 | 791 | 33 | 4 | 13 |
| January 1934 |  |  |  | 68.8 | 42.6 | 154.9 |  |  |  |  |  |  | 65 |  | 65 |  |  |
| February | 68.5 69.0 | 45.0 48.8 | 68.8 | 69.2 | 42.8 | 152.0 | 3,599 | 325 | 4 | 30 | 133 | 1,089 | 57 | 1,970 | 49 | ${ }_{3}$ | 21 |
| March. | $\begin{aligned} & 73.8 \\ & 74.6 \\ & 70 . \end{aligned}$ | 46.8 46.7 58 | 73.5 | 74.0 | 50.2 | 149.3 | 4,033 | 348 | 0 | 36 | 134 | 1,201 | 64 | 1,101 | 78 | 0 | 22 |
| April. |  | $\begin{aligned} & 57.0 \\ & 65.8 \end{aligned}$ | 76.6 | 73.5 | 53.7 | 147.9 | 3,745 | 338 | 7 | 40 | 128 | 1, 148 | 63 | 1,005 | 46 | 0 | 24 |
| Mune.- | 74.8 79.5 80.0 |  | 79.6 80.5 | 77.8 78.7 | 63.1 59.2 | 159.6 163.9 | 3,731 3,104 | 371 309 | 32 26 | 30 22 | 78 80 | 1,167 1,022 | 69 37 | 978 829 | 50 12 | 0 | ${ }_{13}^{20}$ |
| July. | $\begin{aligned} & 74.9 \\ & 77.8 \end{aligned}$ | 58.460.05.7 | 79.9 | 72.1 | 60.6 | 150.5 | 2, 495 | 188 | 0 | 27 | 68 | 921 | 36 | 688 | 12 | 0 | 5 |
| August.. |  |  | 80.4 | 76.6 | 59.0 | 141.6 | 2,249 | 178 | 0 | 19 | 34 | 787 | 36 | 719 | ${ }_{6} 6$ | 0 | 7 |
| September | 72.974.078 |  | 75. 2 | 71.8 | 52.8 | 145.4 | 2,561 | 222 | 18 | 27 | 20 | 989 | 40 | 700 | 38 | 0 | 19 |
| October--- |  | 53.7 53.7 53.1 | 78.1 | 72.1 | 49.1 | 178.1 | 4, 528 | 544 | 35 | $\stackrel{25}{28}$ | 117 | 1,497 | 57 | 1,218 | 26 | 8 | 24 |
| November- | $\begin{array}{r} 74.9 \\ 75.9 \end{array}$ | 52.150.1 | 77.9 | 75.3 | 30.1 | 176.9 | 4,366 | 302 | 37 | 28 | 115 | 1,472 | 51 | 1,247 | 29 | 17 | ${ }_{18}^{21}$ |
| December |  |  | 73.4 | 75.4 | 48.2 | 181.5 | 4,4.51 | 380 | 33 | 36 | 130 | 1,513 | 46 | 1,279 | 17 | 21 | 16 |
| Monthly average...----- | 74.6 | 65. 1 | 78.0 | 73.8 | 51.7 | 158.5 | 3, 555 | 314 | 17 | 28 | 99 | 1,185 | 51 | 979 | 35 | 5 | 18 |
| 1935 | 74.7 | 45.551.8 | 77.8 | 73.5 | 46.9 | 190.2 | 4, 664 | 408 | 22 | 29 | 185 | 1,639 | 49 | 1,293 | 15 | 8 | 19 |
| February .-............... | 74.879.0 |  | 77.7 | 73.2 | 48.9 | 186.4 | 4,413 | 383 | 25 | 30 | 153 | 1, 598 | 44 | 1,180 | 67 | 8 | 18 |
| March .-.-.-.-.-.-...-- |  | 48.8 | 80.1 | 77.0 | 62.9 | 179.7 | 4,855 | 426 | 31 | 39 | 189 | 1,680 | 42 | 1, 280 | 107 | 0 | 22 |
| April.-.-.----....------ | $\begin{aligned} & 80.2 \\ & 81.6 \end{aligned}$ | $\begin{aligned} & 57.7 \\ & 64.6 \end{aligned}$ | 80.981.8.8.8 | 78.7 | 61.2 | 169.7 | 4, 298 | 342 | 17 | 26 | 141 | 1,481 | 43 | 1,089 | 74 | 0 | 21 |
| May |  |  |  | 80.4 | 59.4 | 169.9 | 3,973 | 312 | 24 | 27 | 41 | 1,319 | 25 | 1,124 | 67 | 0 | ${ }^{29}$ |
| June | 81.6 78.7 | 64.6 63.9 | 78.8 | 76.1 | 63.2 | 182.1 | 3,448 | 275 | 21 | 31 | 30 | 1,196 | 28 | 912 | 37 | 0 | 19 |
| July. |  | 58.865.56.5 | 78.4 | 77.2 | 63.4 | 188.2 | 3, 119 | 232 | 13 | 15 | 31 | 1,097 | 30 | 897 | 26 | 0 | 7 |
| August - | 79.8 <br> 76.8 |  | 77.1 | 78.6 | 58.9 | 182.5 | 2,900 | 200 | 24 | 19 | 28 | ${ }^{967}$ | 27 | 876 | ${ }^{23}$ | 0 | ${ }^{6}$ |
| September |  | 69.861.5 | 74.4 | 75.5 | 52.4 | 184.5 | 3, 250 | 244 | 10 | 33 | 42 | 1,096 | 40 | 911 | 21 | 0 | 11 |
| October-1. | 79.0 83.2 |  | 75.1 | 77.9 | 59.5 | 185. 2 |  | 721 | 18 | 32 | 143 | 1,283 | 34 | 1,154 | 22 | 8 | 11 |
| November |  | $\begin{array}{r}62.8 \\ 74.4 \\ \hline\end{array}$ | 81.0 | 82.9 | 58.0 | 177.5 | 4, 3774,780 | 400487 | 3640 | 32 | 159 | 1,295 | 2940 | $\begin{aligned} & 1,072 \\ & 1,171 \end{aligned}$ | 2226 | 22 | 23 |
| December. | $\begin{aligned} & 83.2 \\ & 84.1 \end{aligned}$ | 74.4 | $\begin{array}{r} 82.4 \\ 78.8 \\ \hline \end{array}$ | $\begin{array}{r} 84.7 \\ 78.0 \\ \hline \end{array}$ | 47.0 | 195.0 |  |  |  | 31 | 168 | 1,406 |  |  |  |  |  |
| Monthly average........ | 89.1 79.3 | 80.4 |  |  | 66.8 | 182.6 | 4, 068 | 367 | 23 | 29 | 107 | 1,387 | 96 | 1,080 | 42 | 6 | 17 |

For footnotes see p. 157.

## DOMESTIC TRADE—ADVERTISING—Continued



For footnotes, see p. 157.

## DOMESTIC TRADE-ADVERTISING-Continued

| Year and Month | COST OF MAGAZINE ADVERTISING ${ }^{\text {a }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Gar- den and field | $\begin{array}{\|c} \text { House } \\ \text { furni- } \\ \text { ture } \\ \text { and } \\ \text { fur- } \\ \text { nish- } \\ \text { ligs } \end{array}$ | Jewelryand silver- ware |  | $\left\|\begin{array}{c} \text { Office } \\ \text { equip- } \\ \text { ment } \end{array}\right\|$ | Paints and hardware | $\begin{aligned} & \text { Petro- } \\ & \text { eump } \\ & \text { prod- } \\ & \text { ucts } \\ & \text { and } \\ & \text { fuels } \end{aligned}$ | Radios, phonoand musical inments | $\begin{aligned} & \text { Schools } \\ & \text { and } \\ & \text { corrend- } \\ & \text { sponce } \\ & \text { conrse } \end{aligned}$ | Shoes and leather goods | $\begin{gathered} \text { Laun- } \\ \text { dry } \\ \text { soapd } \\ \text { and } \\ \text { heuse- } \\ \text { kepers } \\ \text { supplies } \end{gathered}$ | $\left\lvert\, \begin{gathered} \text { Sport- } \\ \text { ging } \\ \text { goods } \end{gathered}\right.$ | $\begin{aligned} & \text { Sta- } \\ & \text { tion- } \\ & \text { ery } \\ & \text { and } \\ & \text { pub- } \\ & \text { lish- } \\ & \text { ers } \end{aligned}$ | T0-bacco-man-ufactures | Travel and hotels | Wines, beer, and liquors | $\begin{aligned} & \text { Mis- } \\ & \text { cele } \\ & \text { lane } \\ & \text { ous } \end{aligned}$ |
|  | Thousands of dollars |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1929 monthly average | 144 | 1,030 | 442 | 229 | 292 | 243 | 307 | 498 | 288 | 295 | 768 | 357 | 510 | 465 | 595 |  | 378 |
| 1930 monthly average- | 147 | 1,369 | 361 | 255 | 262 | 213 | 480 | 461 | 349 | 227 | 848 | 339 | 467 | 572 | 670 |  | 532 |
| 1931 monthly average. | 115 | 1,002 | 226 | 122 | 174 | 115 | 408 | 229 | 282 | 148 | 884 | 250 | 345 | 529 | 430 |  | 464 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February.... |  | 693 934 | 37 | 38 <br> 53 | 105 | 51 | 239 |  |  | 3165 | 667 | 73 | 193 228 | 665560 | 342329 |  | 327 |
| March..-- |  |  | 87 90 | 65 54 | 120 | 818 | 256 279 | 165 138 | 185 |  | 728 898 | 111 | 228 207 |  |  |  | 388 |
|  | $\begin{array}{r} 133 \\ 95 \end{array}$ | $\begin{aligned} & 1,187 \\ & 1,198 \end{aligned}$ | $\begin{array}{r}167 \\ \hline 18\end{array}$ | $\begin{aligned} & 54 \\ & 48 \end{aligned}$ | 197 | 124 132 88 | 273 | 82 | 184 | 161 | 973 | 312 | 195 | 563 | 463 |  | 339 |
| June... |  | 884 | 139 | 27 | 72 | 88 | 463 | 82 | 205 | 170 | 845 | ${ }_{288}$ | 171 | 362 | 309 | --.-------- | 307 |
| July... | 32 | ${ }_{223}^{424}$ |  | 17 <br> 28 | 49 | $\begin{array}{r}53 \\ 3 \\ \hline\end{array}$ | 375375 | 119 | 219 | ${ }_{21}^{59}$ | 578 | 189 | ${ }_{66}$ | ${ }_{320}$ | 228 |  | $\begin{aligned} & 297 \\ & 212 \\ & 262 \\ & 298 \\ & 303 \\ & 264 \end{aligned}$ |
| August. |  |  | 70 47 |  | 25 |  |  |  |  |  | 451 | 125 |  |  |  |  |  |
| September | 19 | ${ }_{532}$ | ${ }_{116}^{41}$ | 18 20 | ${ }_{66} 6$ | 38 | 305 291 | 131 | 192 | $\begin{array}{r}71 \\ 151 \\ \hline\end{array}$ | ${ }_{639}$ | 70 51 | 104 237 | 393 448 | 139 |  |  |
| November. | 24 | ${ }_{561}$ | 146 | 31 | 80 | 55 | 299 | 205 | 120 | 164 | 464 | 65 | 287 | 472 | 213 |  |  |
| December. | 19 | 367 | 202 | 29 | 71 | 23 | 284 | 210 | 113 | 67 | 358 | 146 | 326 | 352 | 259 |  |  |
| Monthly average........ | 64 | 642 | 108 | 36 | 77 | 68 | 318 | 148 | 186 | 88 | 624 | 149 | 199 | 467 | 280 | 304 |  |
| 1933 | $\begin{aligned} & 42 \\ & 75 \\ & 74 \\ & 64 \\ & 58 \\ & 23 \end{aligned}$ | $\begin{aligned} & 225 \\ & 367 \\ & 396 \\ & 522 \\ & 643 \\ & 454 \end{aligned}$ | $\begin{aligned} & 77 \\ & 28 \\ & 28 \\ & 60 \\ & 73 \\ & 72 \end{aligned}$ | $\begin{aligned} & 17 \\ & 27 \\ & 34 \\ & 33 \\ & 24 \\ & 14 \end{aligned}$ |  |  | $\begin{aligned} & 157 \\ & 175 \end{aligned}$ |  |  |  | 277 |  |  | 332 |  |  | 81 |
| January...-.....------ |  |  |  |  | 32 38 | ${ }^{95}$ |  | 146 83 | 132 | 45 13 |  | 104 | 160 170 |  | 223 |  | 190 |
| March. |  |  |  |  | 37 | 76 | 180 | 63 | 116 | 69 | 643 | 49 | 118 | 392 | 278 |  | 203 |
| April.. |  |  |  |  | 34 | 100 | 216 | 61 | 116 | 159 | 702 | 79 | 135 | 392 | 311 |  | 188 |
| May... |  |  |  |  | ${ }^{23}$ | 97 | 326 | 39 | 129 | 201 | 750 | 136 | 121 | 457 | 388 |  | 197 |
| June...-...---.----.-- |  |  |  |  | 35 | 79 | 268 | 47 | 128 | 154 | 668 | 178 | 111 | 383 | 345 |  | 168 |
| July | 10 | 200 | 4726 |  | 25 | 3825858 | 236 <br> 320 <br> 20 | $\begin{array}{r}58 \\ 101 \\ \hline\end{array}$ | 121 | 861358 | 518440 | 1421311 | 100 | 326 <br> 364 | 130 |  | 147 |
| August |  |  |  | 24 | 13 |  |  |  | 136 143 148 |  |  |  |  |  |  |  | 147178228218218 |
| September | 10 | ${ }_{663} 27$ | 36 | 14 | 18 | 53 | 225 | 85 | 143 | 58 | 517 | 81 | 123 | ${ }_{453}$ | 131 |  |  |
| October--- | 15 7 | 663 594 5 | 127 160 | ${ }_{29}^{25}$ | 70 | $\begin{array}{r}117 \\ 82 \\ \hline\end{array}$ | 202 168 | 103 | 105 | 134 | ${ }_{582}^{645}$ | 46 | 202 | 489 | 246 |  |  |
| December | 8 | 367 | 176 | 29 | 83 | 32 | 190 | 238 | 84 | 106 | 371 | 102 | 325 | 370 | 291 |  | 224 |
| Monthly average. | 33 | 402 | 75 | 24 | 40 | 69 | 282 | 108 | 122 | 88 | 562 | 97 | 188 | 378 | 240 | 187 |  |
| 1934 |  |  |  |  | 85 |  | 110 |  | 107 | $\begin{aligned} & 24 \\ & 46 \end{aligned}$ |  |  | 137 | 409 | 239 | 68 | 207 |
| February......---------- | 51 78 78 | ${ }_{433}^{133}$ | 28 38 | 26 31 | 93 | ${ }_{64}^{12}$ | 124 | 71 119 | 108 |  | 331 563 | 579191 |  | 480 | 275 | 136 | 243 |
| March. | 77 | 674 | 66 | 34 | 105 | 139 | 257 | 111 | 101 | 114 | 631 |  | 204 | 500 | 407 | 200 | 302 |
| April. | 78 | 922 | 114 | 49 | 107 | 177 | 221 | 102 | 114 | 226 | 729 | 144 | 173 | 444 | 508 | 302 | 304 |
| May.. | 40 | $\begin{array}{r}1,004 \\ \hline 656\end{array}$ | 226220 | 40 | 87 | 115 | 284 | 100 | 132 | 177 | 667 | 248 | 145 | 482 | 507 | 281 | 258 |
| June.. |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 373 |  |  |
| July. | 139 | 269198 | $\begin{array}{r}30 \\ 34 \\ 90 \\ \hline 90 \\ \hline 20\end{array}$ | 3930 | 969 | 53 <br> 25 | 270 62 <br> 188 71 |  | 132 | 69 | 580 | 183 | 68 | 467 | 168 | 227 | 207 |
| August |  |  |  |  | 56 |  |  |  | 143 | 42 | 429 | 164 | 131 | 444 | 139 | 205 | 212 |
| September | 16 | 571 |  | 53 | 116 | 1103 | $\stackrel{243}{ }$ | 225 | 156 | 183 | 501 | 165 | ${ }_{258}^{273}$ | ${ }_{500}$ | 246 | 271 | 358 |
| October... | 11 | 825 | 239 | ${ }_{65}^{62}$ | 178 | 120 46 | 169 252 | 179 <br> 238 | 125 |  | 543 <br> 547 | 112 | 248 | 500 497 | 324 302 | 340 | 381 309 |
| Novernber- | $\begin{array}{r}6 \\ 18 \\ \hline\end{array}$ | 705 539 | 205 284 | 55 49 | 162 | 46 28 | 252 180 | 180 | 115 | 123 | 318 | 179 | 385 | 630 | 354 | 477 | 262 |
| Monthly average....... | 38 | 677 | 131 | 42 | 109 | 89 | 817 | 129 | 128 | 142 | 547 | 141 | 184 | 476 | 320 | 261 | 281 |
| January 1935 |  |  |  |  |  |  |  | 100 | 130 | 27 | 235 | 83 | 152 | 408 | 226 | 293 | 320 |
| February.-.-........---- | 111 | 490 | 36 | 58 | 109 | 27 | 158 | 103 | 145 | 40 | 565 | 102 | 187 | 532 | 261 | 313 | 359 |
| March.. | 108 | 1,005 | 84 | 90 | 158 | 129 | 226 | 113 | 129 | 142 | 629 | 78 | 201 | 621 | 422 | 325 | 359 |
| April.. | 90 | 1,045 | 104 | 77 | 126 | 165 | ${ }^{368}$ | 106 | 126 | 244 | 751 | 159 | 205 | 681 | 595 | 343 | 327 |
| May-.. | 61 | ${ }_{672}^{998}$ | 200 175 | 82 84 | 1111 | ${ }^{175}$ | 329 344 | ${ }_{83}^{101}$ | 137 140 | 285 191 | 772 662 | 228 264 | 164 176 | 489 595 | 6118 | 3345 | -314 |
| Jane..-- | 40 | 672 | 175 | 84 | 111 | 93 | 344 |  |  |  |  |  |  |  |  |  |  |
| July.-. | 21 | 314 | 39 | 59 | 37 | 35 | 292 | ${ }^{64}$ | 140 | 52 | 495 | 167 | 98 | 563 | 195 | 301 | 197 |
| August | 12 | ${ }_{600}^{135}$ | 29 58 | $\begin{array}{r}54 \\ 106 \\ \hline\end{array}$ | $\begin{array}{r}32 \\ 102 \\ \hline\end{array}$ | 88 | 284 220 | 118 | 169 167 | $\begin{array}{r}62 \\ 152 \\ \hline\end{array}$ | 433 492 | 121 | 144 | 484 525 | 171 | 283 | 367 |
| October... | 16 | 724 | 160 | 80 | 145 | 106 | 192 | 215 | 162 | 261 | 582 | 67 | 242 | 526 | 300 | 291 | 417 |
| November | 21 | 664 | 199 | 86 | 149 | 48 | ${ }^{263}$ | 234 | 128 | 225 | 488 | 63 | 241 398 | 559 565 | 307 <br> 335 | 408 488 | 512 362 |
| December-- | 33 | 473 | 261 | 72 | 116 | 30 | 110 | 182 | 128 | 154 | 319 | 175 | 388 | 565 | 335 | 488 |  |
| Monthly average.- | 49 | 605 | 116 | 76 | 109 | 77 | 241 | 185 | 142 | 161 | 685 | 188 | 209 | 687 | 345 | 325 | 397 |

For footnotes see p. 157.

DOMESTIC TRADE—ADVERTISING AND MISGELLANEOUS DATA

| $\begin{aligned} & \text { Year and } \\ & \text { MONTH } \end{aligned}$ | ADVERTISING LINAGE |  |  |  |  |  |  |  |  | BUSINESS INCORPO-RATIONS (4 States) | AIR MAIL ${ }^{\text {d }}$ |  | POSTAL BUSINEGS, MONEY |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mag(1) | $\begin{aligned} & \text { Total } \\ & \text { 52 } \\ & \text { cities } \end{aligned}$ |  | NE | SPAP | S ${ }^{2}$ |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | $\begin{aligned} & \text { Classi- } \\ & \text { fled } \end{aligned}$ | Display |  |  |  |  |  |  | $\begin{gathered} \text { Pound } \\ \text { milie } \\ \text { per- } \\ \text { form- } \\ \text { ance } \end{gathered}$ | Transported | Domestic (50 principal cities) ${ }^{\text {a }}$ |  |  |  | Foreign issued ? |
|  |  |  |  | Total | Automotive | $\begin{gathered} \text { Fi- } \\ \text { nan- } \\ \text { cial } \end{gathered}$ | General | Retail |  |  |  |  | Issued |  | Paid |  |  |
|  | Thousands of lines |  |  |  |  |  |  |  | Percent of total | $\underset{\text { ber }}{\text { Nump }^{\prime}}$ | Thoussands | Pounds | Thoussands | Thous. of dolls. | Thoutsands | Thousands of dollars |  |
| 1913 mo. | 1,605 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1914 mo . av | 1, 524 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1915 mo. av-.. | 1,607 |  |  |  |  |  |  |  |  |  |  |  | 1,315 | 11, 467 | 6,313 | 34, 812 |  |
| 1917 mo. av | 1, 772 |  |  |  |  |  |  |  |  |  |  |  | 1, 610 | 14, 657 | 7, 149 | 44, 863 |  |
| 1918 mo. av | 1,547 |  |  |  |  |  |  |  |  |  |  |  | 1,711 | 17,837 | 6,784 | 50,687 |  |
| 1919 mo. av... | 2, 142 |  |  |  |  |  |  |  |  |  |  |  | 1,805 | 21,713 | 7,773 | 65, 356 |  |
| 1920 mo. av... | 2, 803 |  |  |  |  |  |  |  |  |  |  |  | 2, 054 | 25, 017 | 8, 098 | 72, 432 |  |
| 1921 mo. av... | 1,856 |  |  |  |  |  |  |  |  |  |  |  | $\stackrel{2,107}{235}$ | 23, 351 | 8,211 | 64, 827 |  |
| 1923 mo. av. | 2,520 |  |  |  |  |  |  |  |  |  |  |  | 2,684 | 23, 008 | 10,391 | 78,913 | 3, ${ }^{2,180}$ |
| 1924 mo. av | 2, 620 |  |  |  |  |  |  |  |  |  |  |  | 2,981 | 29, 831 | 10, 797 | 84, 515 | 4,306 |
| 1925 mo. av... | 2,623 |  |  |  |  |  |  |  |  | 2,978 |  |  | 3, 105 | 31,094 | 11, 161 | 81, 288 | 4,667 |
| 1926 mo. av... | 2,958 |  |  |  |  |  |  |  |  | 3,004 |  | ${ }^{8} 28,3$ | 3, 175 | 33, 176 | 11, 008 | 87, 314 | 5, 530 |
| 1927 mo. av... | 3,038 |  |  |  |  |  |  |  |  | 3. 309 |  | 88,792 | 3, 292 | 34, 060 | 11, 119 | 88, 158 | 5,906 |
| 1928 mo. av-- | 3, 384 | (158, 101 | 28, 787 | 129,314 | 12, 539 | 6, 6181 | 28, 240 | 82, 784 | 68.0 72.3 | 3,300 3,341 |  | 295, 469 5917 |  | 34, 656 | 11,048 | 86,344 9063 | 6,006 6, 237 |
| 1930 mo. av | 2, 884 | 137, 854 | 24, 913 | 112, 941 | 8, 932 | 4,938 | 25, 254 | 73, 817 | 69.9 | $\begin{array}{r}2,977 \\ \hline 2\end{array}$ |  | 666, 894 | 3, 685 | 36, 441 | 10,809 | 84, 576 | 5,587 |
| 1931 mo. av | 2, 409 | 122,072 | 22, 106 | 99, 966 | 6,718 | 3,415 | 21, 818 | 68,015 | 66.1 | 2,970 | 523, 367 | 758, 631 | 3,683 | 35, 640 | 10, 260 | 79, 247 | 4,650 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January.- | 1, 570 | 100, 032 | 18, | 81 | 7,0 | 3,2 | 16,841 | 54 | 65.9 | 3, | 467, | 669, | 3, 691 | 35, 494 | 0,795 | 78, 149 | 3,500 |
| February. | 2,000 | 97, 570 | 17,724 | 79,847 | 4, 858 | 2,023 | 20, 142 | 52,824 | 63.8 | 2,930 | 443, 722 | 634, 281 | 3, 656 | 34, 142 | 9, 271 | 73,463 | 3, 115 |
| March. | 2, 184 | 109, 808 | 19,565 | 90,243 | 5,352 | 2,158 | 21,720 | 61, 012 | 64.3 | 3,202 | 523, 522 | 718, 989 | 3,906 | 35, 128 | 10, 167 | 79, 878 | 3,958 |
| April. | 2,348 | 108,686 | 20, 056 | 88, 631 | 7,222 | 1,934 | 18,725 | 60,749 | 64.0 | 3,072 | 499, 090 | 676, 084 | 3,581 | 33,673 | 9,379 | 74, 612 | 3,314 |
| May | 2,278 | 106, 004 | 20, 173 | 85, 831 | 6,700 | 1,709 | 19, 059 | 58, 563 | 63.5 62.7 | 2,863 3,107 | ¢ 521,519 | 687,906 694,930 | 3,421 3,369 | 32,021 32,056 | 8,927 98 | 70, 720 | 2,871 |
| June. | 1, 003 | 100, 157 | 20,047 | 80, 109 | 7,940 | 1,706 | 18, 428 | 52,035 | 62.7 | 3, 107 | 526, 343 | 694, 930 | 3,369 | 32,056 | 9,369 | 73,903 | 3, 066 |
| July | 1,394 | 80, 871 | 17, 207 | 63, 685 | 5,574 | 2,226 | 13,653 | 42,212 | ${ }_{62.6} 6$ | 2, 534 | 411,257 | 545, | 3,066 | 30,454 | 8,187 | 70, 157 | 2,934 |
| August | 1,173 | 78, 839 | 17, 563 | 61, 275 | 4, 754 | 1,621 | 13, 034 | 41, 868 | 82.7 | 2,909 | 427, 099 | 568, 888 | 3,061 | 30, 286 | 8, 308 | 72,506 | 2,692 |
| Septemb | 1,310 | 93, 003 | 18, 359 | 74, 644 <br> 84,163 |  | 1,645 1,975 | 15,606 18,891 | 53, 708 60,235 | 62.0 61.7 | 2, 661 2,592 | 408, 683 408,176 | 555, 661 567,006 | 2, 971 3,219 | 29, 3178 | 8, 441 | 74, 483 | 2, ${ }_{2}$, 538 <br> 188 |
| Novemb | 1,764 | 94, 967 | 16,423 | 78, 545 | 3,740 | 1,737 | 16,823 | 56,245 | 62.1 | 2, 458 | 383, 389 | 533, 047 | 3, 152 | 30, 201 | 0, 221 | 75, 369 | 2,799 |
| December | 1,641 | 91, 509 | 15, 689 | 75, 820 | 3,913 | 1,651 | 8,908 | 61,348 | 61.7 | 2,681 | 383, 851 | 542, 328 | 3, 574 | 32,745 | 10, 151 | 78, 670 | 6,340 |
| Monthly av | 1,763 | 97, 084 | 18, 363 | 78,701 | 5,316 | 1,973 | 16, 819 | 54, 592 | 63.1 | 2,880 | 460, 187 | 616,105 | 3, 388 | 32, 220 | 0, 220 | 75,084 | s,341 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February | 1, 1190 | 72, 539 | 14, 883 | ${ }^{68,} 4.68$ | 4,806 | 1,637 | 15, 188 | 38, 584 | 60.8 | 2,839 | 347, 115 | 493, 4 | 3, 098 | 31, 864 | 7, 998 | 65, 370 | 2, 423 |
| March. | 1,630 | 78, 364 | 14, 810 | 61, 554 | 2,503 | 1,951 | 13, 869 | 43, 230 | 60.2 | 2,674 | 415, 780 | 586, 822 | 3, 938 | 59,711 | 10,445 | 136, 196 | 2, 630 |
| April. | 1.729 | 91, 053 | 17,000 | 74,053 | 4,685 | 1, 511 | 15, 289 | 52,569 | 60.4 | 2, 665 | 402, 070 | 568, 740 | 3, 261 | 35, 866 | 9,622 | 94, 163 | 2,832 |
| May. | 1,732 | 94, 649 | 17,01.9 | 77, 830 | 7,021 | 1, 528 | 16, 133 | 52, 947 | 60.5 | 3, 373 | 431. 638 | 812, 653 | 3, 417 | 35, 398 | 9,737 | 88, 465 | 2, 261 |
| June. | 1,544 | 93, 168 | 16,345 | 76, 823 | 7,991 | 1,722 | 16, 448 | 50,663 | 61.9 | 2, 833 | 455, 922 | 643, 4 | 3, 240 | 33, 129 | 10,027 | 88, 721 | 2,330 |
| July. | 1,272 | 78, 319 | 16, 064 | 62, 255 | 6, 139 | 2,396 | 14, 272 | 39,448 | 62.3 | 2,402 | 455, 598 | 644, 172 | 3, 061 | 30, 957 | 8, 863 | 81, 759 | 2, 109 |
| August. | 1,184 | 86, 339 | 18, 158 | 68, 181 | 6,797 | 1,392 | 15, 198 | 44, 794 | 62.7 | 2,392 | 476, 472 | 690, 177 | 3, 078 | 30, 894 | 9, 598 | 87, 281 | 2, 072 |
| September | 1, 407 | 92, 618 | 17, 287 | 75,331 | 5,408 | 1,259 | 16,337 | 52, 326 | 63.5 | 2,099 | 443, 327 | ${ }^{643,621}$ | 3, 057 | 30, 059 | 9,426 | 87, 571 | 2, 619 |
| Ootober- | 1, 870 | 105, 970 | 19, 467 | 88, 503 | 4, 683 | 1,497 | 20,071 | 60, 252 | 64.2 | 2, 304 | 463, 825 | 665, 458 | 3, 338 | 33. 146 | 11, 106 | 102,877 | 1,098 |
| November Deoember | 1, 1,791 | 90,823 98,718 | 18, 199 | 83,624 81,188 | 5, 5895 $\mathbf{3 , 9 3 6}$ | 1,500 | 18,769 12,275 | 57,791 | 65.2 67.4 | 2,384 2,525 | 431, 371 451,217 | 631,748 657,203 | 3,250 4,013 | 32,232 35,487 | 11, 173 | 98, <br> 9850 <br> 851 | 2, 279 5,110 |
| Monthly av...-- | 1, 655 | 66, 793 | 16,439 | 72, 364 | 6,220 | 1, 882 | 15, 670 | 49,782 | 62.5 | 2,658 | 427, 991 | 613, 515 | 3,330 | 34,973 | 9,890 | 91, 399 | 2, 588 |
| January | 375 |  |  |  |  | 2159 |  |  |  |  | 436, | 643, 278 | 3,611 | 34, 551 | 11,282 |  |  |
| bruar | 1,765 | 80, 788 | 13, 861 | 67, 126 | 4,358 | 1,643 | 16,745 | 44,381 | 67.2 | 2,106 | 348, 387 | 526, 903 | 3,419 | 31, 743 | 10,056 | 79, 192 | 2,008 |
| March | 2,013 | 103,648 | 16,577 | 87, 071 | 6,179 | 2,010 | 19,384 | 59, 498 | 67.4 | 2, 507 | 136, 223 | 198, 492 | 3, 822 | 36, 183 | 11, 999 | 04, 176 | 3,047 |
| April. | 2, 469 | 107, 491 | 17, 808 | 89, 683 | 8,180 | 1,808 | 20, 183 | 69, 512 | 65.9 | 2, 393 | 188, 450 | 241, 856 | 3, 519 | 34, 223 | 10,476 | 85, 219 | 2,118 |
| May. | 2, 501 | 112, 122 | 17,932 | 94, 190 | 9, 296 | 1,481 | 21,798 | 61, 616 | 66.0 | 2, 320 | 307, 333 | 389,721 544,290 | 3,553 3,452 | 34,097 33,896 | 11, 257 | 89,684 88,088 | 2, 219 |
| Junc. | 2, 271 | 103, 646 | 18,689 | 84, 957 | 9,503 | 1,528 | 19,531 | 54,395 | 70.1 | 2,185 | 374, 591 | 544, 290 | 3,452 | 33,896 | 10, 983 | 88, 088 | 2,422 |
| July... | 1,853 | 83.183 | 16, 475 | 60, 709 | 7,076 | 1,718 | 15, 279 | 42, 636 | 65.8 | 2, 048 | 454, 193 | 682, 520 | 3,270 | 32,670 | 9,784 | 83, 727 | 2,043 |
| August.-- | 1, 534 | 87, 692 | 17,790 | 69,902 | 6, 514 | 1,219 | 13,769 | 48, 401 | 66.0 | 2,013 | 511,006 | 776, 173 | 3,286 | 32, 795 | 10,253 | 88,045 | 2, 299 |
| September | 1, 827 | 96, 378 | 17, 936 | -78,442 | 4,841 | 1,193 | 16, 103 | 56, 305 | 63.9 | 1,788 | 487, 707 | 736, 193 | 3, 3138 | 31,753 | 10,375 | 87,976 | 2,507 |
| October--- | 2, 264 | 108, 810 | 18, 005 | 90, 205 | 3,917 | 1,653 | 22,039 | 62, 595 | 63.2 | 2,140 | 580. 239 | 916, 416 | 3, 915 | 36, 639 | 12,620 | 111,756 | 1,985 |
| November | 2, 317 | (106, 999 | 17,414 17 | 89, 885 | 3,592 | 1,285 1,432 | 19,095 13,482 | 65,614 69,446 | 65.7 67.1 | 2, 092 2,108 | 516, 205 581,405 | $\begin{array}{r}\text { 823, } \\ \mathbf{9 3 1}, 425 \\ \hline\end{array}$ | 4, 394 | 34, 306 | 12,049 13,142 | 102,390 101,699 | 2,267 5,567 |
| Monthly ar...- | 2,027 | 98, 240 | 17,110 | 81, 130 | 6, 109 | 1,594 | 17,615 | 55, 812 | 68.5 | 2,214 | 410, 235 | 617, 584 | 3,618 | 34, 285 | 11, 187 | 91,809 | 8, 542 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January -- | 1,681 | 88, 055 | 15, 781 | 72, 274 | 6, 260 | 2, 083 | 14,989 | 48,942 | 66.3 | 2,608 | 508, 804 | 820, 286 | 3,780 | 36, 429 | 11,916 | 90,710 | 2,217 |
| February | 2, 014 | 85, 430 | 15, 323 | 70, 108 | 4, 183 | 1,450 | 16,939 | 47, 535 | 65.2 | 2, 159 | 528, 398 | 859, 299 | 3,625 | 33,812 | 10,777 | ${ }^{82}$ 8, 717 | 2,148 |
| March | 2, 278 | 110,067 | 19,490 | 90, 577 | 5,560 | 2, 052 | 20, 215 | 62, 751 | 64.5 | 2,356 | 643, 044 | 1, 002, 269 | 3,911 | 36,834 | 12, 822 | 95, 774 | 2, 579 |
| April. | 2, 700 | 112,803 | 19, 8174 | 92, 980 | 7,467 | 1,894 | 20, 313 | 64, 584 | 63.6 63.1 | 2,318 $\mathbf{2}, 329$ | 632, 507 669,749 | li, 1036,796 | 3,805 3,714 | 36, 327 | 12, 474 | 94, ${ }^{\text {92, }} 9$ | 2,415 |
| June. | 2, 335 | 102, 210 | 20, 061 | 82, 149 | 8, 426 | 1,642 | 18, 042 | 54,038 | 62.3 | 2,179 | 677, 232 | 1, $1,082,819$ | 3,552 | 33, 807 | 12,023 | 87, 441 | 2,238 |
| July | 1,831 | 87,363 | 18, 299 | 69, 084 | 6, 415 | 1,926 | 16,862 | 43, 861 | 63.0 | 2,142 | 728, 600 | 1, 169, 737 | 3,512 | 34, 607 | 11, 358 | 89, 525 | 2, 052 |
| August. | 1, 497 | 89, 997 | 19, 286 | 70, 731 | 5, 281 | 1,280 | 14,459 | 49,712 | 63.1 | 2,057 | 761, 385 | 1, 224, 623 | 3,428 | 33, 812 | 11,071 | 88, 997 | 2,479 |
| Septermber | 1, 812 | 101,347 | 20, 155 | 81, 192 | 2, 910 | 1,454 | 16, 629 | 60, 200 | 62.5 | 1,994 | 732,875 | 1, 172, 265 | 3,359 | 33, 17 | 10, 915 | 88, 703 | 2,416 |
| Ootnber- | 2, 281 | 117, 427 | 20, 658 | 96,769 97,952 | 5,714 | ${ }_{2}^{1,983}$ | 20,775 20,980 | 68, 297 | 61.9 62 6 | 2,272 | 807, 460 | 1, 1 1, 293,8689 | 3,809 3,740 | 37,327 | 13, 631 | 108,905 | 2,038 2 2 |
| Deoember | 2, 234 | 118, 684 | 19, | ${ }^{98,9513}$ | 4,058 | 2, 1,835 | 16, 269 | 76, 351 | 62.3 62.2 | 2, 209 | 858, 100 | 1, 317, 774 | 4,346 | 39,631 | 14, 341 | 107, 701 | 5,281 |
| Monthly av.... | 2,115 | 109, 018 | 19, 081 | 84, 831 | 6, 077 | 1,778 | 18, 081 | 58,888 | 63.3 | 2,240 | 688, 785 | 1, 105, 728 | 3,715 | 35, 825 | 12, 170 | 93, 029 | 2,568 |

For footnotes, see pp. 157, 158.

DOMESTIC TRADE-POSTAL BUSINESS AND RETAIL TRADE


F'or footnotes, see p. 158.

- Without adjustment for seasonal variation.
$\dagger$ With adjustment for seasonal variation.

DOMESTIC TRADE-RETAIL TRADE-Continued


For footnotes see p. 158.

DOMESTIC TRADE-RETAIL TRADE-Continued

| $\begin{aligned} & \text { Year and } \\ & \text { Monti } \end{aligned}$ | department store sales by federal reserve districts |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Without adjustment for seasonal variation |  |  |  |  |  |  |  |  |  |  |  |  | Adjusted for seasonal variation |  |  |  |
|  | Total United States State | $\\| \text { lanta }$ | Ros- <br> ton | ${\underset{\text { cago }}{ } \mathbf{\text { Chi- }}}^{2}$ | $\underset{\substack{\text { Cleve- } \\ \text { land } 2}}{ }$ | Dallas ${ }^{2}$ | $\begin{aligned} & \text { Kan- } \\ & \text { sas } \\ & \text { city: } \end{aligned}$ | $\left\lvert\, \begin{aligned} & \text { Min- } \\ & \text { Meap- } \\ & \text { ouls } \end{aligned}\right.$ | $\text { New }^{2}$ | $\left.\begin{array}{\|c} \text { Phila- } \\ \text { del- } \\ \text { phia } \end{array} \right\rvert\,$ | Rich- mond | St. | $\begin{aligned} & \text { San } \\ & \text { Fran- } \\ & \text { cisco } \end{aligned}$ | $\begin{aligned} & \hline \text { Total } \\ & \text { United } \\ & \text { States } \end{aligned}$ | $\text { lanta }{ }^{\text {At- }}$ | Cago, | Cland: |
|  | Monthly average $1923-25=100$ |  |  |  |  |  |  | $\underset{\substack{\text { Mo. av. } \\ 19290 \\ 100}}{ }$ | $\begin{aligned} & \mathrm{Mo}, \mathrm{ar} . \\ & \begin{array}{l} 1925 \\ 27=100 \end{array} \end{aligned}$ | Monthly average $1923-25=100$ |  |  |  |  |  |  |  |
| 1919 monthly av 1920 monthly av1922 monthly av1923 monthly av- | $\begin{gathered} 78 \\ 94 \\ 97 \\ 88 \\ 88 \\ 98 \\ 99 \\ 103 \\ 106 \\ 107 \\ 108 \\ 111 \\ 102 \\ 92 \end{gathered}$ | $\begin{gathered} 94 \\ 113 \\ 113 \\ 96 \\ 91 \\ 101 \\ 98 \end{gathered}$ | 789189929810010210510610410610091 |  | $\begin{array}{r}77 \\ \hline 98 \\ 87 \\ 87 \\ 101 \\ 99 \\ 901 \\ 101 \\ 102 \\ 103 \\ 103 \\ \hline 105 \\ 94 \\ 82 \\ \hline\end{array}$ | $\begin{gathered} 988 \\ 118 \\ 98 \\ 91 \\ 96 \\ 100 \end{gathered}$ | $\square$ | $\begin{gathered} 91 \\ 108 \\ 101 \\ 99 \\ 99 \\ 100 \end{gathered}$ | $\begin{aligned} & 70 \\ & 84 \\ & 80 \\ & 80 \\ & 88 \\ & 98 \end{aligned}$ |  | $\begin{aligned} & 84 \\ & 93 \\ & 89 \\ & 86 \\ & 97 \\ & 99 \end{aligned}$ |  | $\begin{aligned} & 66 \\ & 81 \\ & 77 \\ & 78 \\ & 97 \\ & 99 \end{aligned}$ |  |  |  |  |
| 1825 monthly av- |  | 102 |  | 103 |  | 104 | 100 | 105 | 97 | 100 | 104 | 103 | 105 |  |  |  |  |
| ${ }_{1927}^{1926 \text { monthly }}$ |  | 108 107 108 |  | 1108 |  | 109 107 | ${ }_{96}^{95}$ | 102 102 | 101 | $\begin{array}{r}103 \\ 99 \\ \hline 9\end{array}$ | 107 <br> 105 | 105 <br> 103 | 111 |  |  |  |  |
| 1928 monthy av- |  | 107 |  | 115 |  | 109 | 97 | ${ }^{102}$ | 104 | ${ }_{94}^{99}$ | 106 | 104 | 117 |  |  |  |  |
| ${ }_{1}^{1920}{ }^{1920}$ monthly av- |  | ${ }_{98}^{104}$ |  | ${ }_{102}^{117}$ |  | 110 100 | ${ }_{95}^{96}$ | 100 95 | 108 105 | $\stackrel{95}{87}$ | 110 | 105 94 | $110$ |  |  |  |  |
| 1931 monthly av- |  | 87 |  | 87 |  | ${ }_{86}$ | 82 | 88 | ${ }_{97}$ | 77 | 100 |  |  |  |  |  |  |
|  | $\begin{aligned} & 64 \\ & 64 \\ & 69 \\ & 73 \\ & 72 \\ & 68 \end{aligned}$ | 61 64 69 71 69 60 | 69 68 72 74 73 70 7 | 67 69 68 72 77 64 64 | $\begin{aligned} & 55 \\ & 68 \\ & 61 \\ & 69 \\ & 67 \\ & 68 \end{aligned}$ | 55 62 66 66 66 66 68 | 55 58 68 68 63 63 56 |  | $\begin{aligned} & 70 \\ & 69 \\ & 71 \\ & 76 \\ & 72 \\ & 72 \end{aligned}$ | $\begin{aligned} & 54 \\ & 55 \\ & 61 \\ & 66 \\ & 63 \\ & 58 \end{aligned}$ | 66 68 68 86 85 85 80 | $\begin{aligned} & 56 \\ & 60 \\ & 66 \\ & 69 \\ & 62 \\ & 67 \end{aligned}$ | $\begin{aligned} & 73 \\ & 73 \\ & 76 \\ & 74 \\ & 70 \\ & 68 \end{aligned}$ | $\begin{aligned} & 80 \\ & 79 \\ & 73 \\ & 71 \\ & 78 \\ & \hline 88 \end{aligned}$ | 78 78 71 72 78 86 86 | $\begin{aligned} & 72 \\ & 75 \\ & 68 \\ & 73 \\ & 66 \\ & 65 \end{aligned}$ | 70 70 66 66 64 80 |
| July September October November December | $\begin{array}{r} 46 \\ 49 \\ 71 \\ 75 \\ 75 \\ 106 \end{array}$ | $\begin{gathered} 47 \\ 53 \\ 71 \\ 79 \\ 702 \\ 102 \end{gathered}$ | $\begin{gathered} 46 \\ 48 \\ 78 \\ 70 \\ 76 \\ 115 \end{gathered}$ | 43 49 47 69 64 67 97 | $\begin{aligned} & 42 \\ & 43 \\ & 57 \\ & 62 \\ & 69 \\ & 99 \end{aligned}$ | $\begin{gathered} 42 \\ 48 \\ 74 \\ 78 \\ 70 \\ 101 \end{gathered}$ | $\begin{aligned} & 42 \\ & 50 \\ & 73 \\ & 71 \\ & 64 \\ & 60 \end{aligned}$ | $\begin{aligned} & 45 \\ & 56 \\ & 76 \\ & 83 \\ & 86 \\ & 82 \end{aligned}$ | $\begin{gathered} 57 \\ 56 \\ 77 \\ 84 \\ 85 \\ \hline 85 \\ 121 \end{gathered}$ | $\begin{aligned} & 41 \\ & .41 \\ & -72 \\ & \hline 70 \\ & 66 \\ & 97 \end{aligned}$ | $\begin{gathered} 51 \\ 75 \\ 77 \\ 74 \\ 86 \\ \mathbf{8 4} \\ \mathbf{1 3 7} \end{gathered}$ | $\begin{aligned} & 39 \\ & 47 \\ & 71 \\ & 68 \\ & 67 \\ & 92 \end{aligned}$ | $\begin{gathered} 59 \\ 69 \\ 75 \\ 77 \\ \hline 9 \\ 114 \end{gathered}$ | $\begin{aligned} & 65 \\ & 64 \\ & 57 \\ & 68 \\ & 64 \\ & 62 \\ & 68 \end{aligned}$ | 68 68 65 75 67 61 60 60 | $\begin{aligned} & 68 \\ & 61 \\ & 65 \\ & 62 \\ & 68 \\ & 68 \end{aligned}$ | 56 51 56 58 56 56 56 |
| Monthly average- | ${ }^{69}$ | 70 | 71 | ${ }^{5}$ | ${ }^{60}$ | ${ }^{65}$ | 64 | 70 | 76 | 00 | 81 | ${ }^{63}$ | 74 |  |  |  |  |
|  | 49 <br> 49 <br> 60 <br> 68 <br> 67 <br> 64 <br> 64 | $\begin{aligned} & 49 \\ & 52 \\ & 50 \\ & 65 \\ & 68 \\ & 68 \end{aligned}$ | 50 43 51 64 69 65 68 | $\begin{aligned} & 46 \\ & 44 \\ & 51 \\ & 61 \\ & 68 \\ & 68 \end{aligned}$ | 43 45 41 47 83 69 59 | 45 <br> 49 <br> 49 <br> 52 <br> 66 <br> 64 <br> 65 | $\begin{aligned} & 44 \\ & 45 \\ & 63 \\ & 62 \\ & 63 \\ & 57 \end{aligned}$ | $\begin{aligned} & 54 \\ & 44 \\ & 61 \\ & 72 \\ & 78 \\ & 68 \\ & 67 \end{aligned}$ | $\begin{aligned} & 53 \\ & 56 \\ & 56 \\ & 71 \\ & 68 \\ & 68 \end{aligned}$ | $\begin{aligned} & 41 \\ & 42 \\ & 44 \\ & 62 \\ & 67 \\ & 56 \end{aligned}$ | $\begin{aligned} & 54 \\ & 51 \\ & 61 \\ & 78 \\ & 81 \\ & 74 \end{aligned}$ | $\begin{aligned} & 43 \\ & 42 \\ & 47 \\ & 60 \\ & 60 \\ & 60 \end{aligned}$ | $\begin{aligned} & 54 \\ & 65 \\ & 64 \\ & 69 \\ & 70 \\ & 71 \\ & \hline 8 \end{aligned}$ | $\begin{aligned} & 62 \\ & 62 \\ & 68 \\ & 64 \\ & 68 \\ & 67 \end{aligned}$ | $\begin{aligned} & 61 \\ & 60 \\ & 64 \\ & 62 \\ & 67 \\ & 64 \end{aligned}$ | $\begin{aligned} & 57 \\ & 56 \\ & 56 \\ & 68 \\ & 65 \\ & 67 \end{aligned}$ | 55 55 68 48 80 59 61 |
| July. <br> August <br> Soptember <br> October. <br> November December | $\begin{gathered} 48 \\ 69 \\ 73 \\ 77 \\ 75 \\ 721 \\ 121 \end{gathered}$ | $\begin{gathered} 50 \\ 68 \\ 74 \\ 73 \\ 78 \\ 128 \end{gathered}$ | $\begin{gathered} 46 \\ 76 \\ 73 \\ 76 \\ 74 \\ 114 \\ 114 \end{gathered}$ | $\begin{gathered} 47 \\ 62 \\ 73 \\ 73 \\ 68 \\ 109 \end{gathered}$ | $\begin{gathered} 48 \\ 61 \\ 68 \\ 68 \\ 67 \\ 108 \end{gathered}$ | $\begin{gathered} 48 \\ 59 \\ 69 \\ 68 \\ 87 \\ 128 \\ \hline 72 \end{gathered}$ | $\begin{gathered} 44 \\ 61 \\ 68 \\ 74 \\ 77 \\ 67 \\ 118 \end{gathered}$ | $\begin{gathered} 47 \\ 65 \\ 73 \\ 79 \\ 64 \\ 64 \\ 102 \end{gathered}$ | $\begin{gathered} 53 \\ 60 \\ 75 \\ 84 \\ 84 \\ 84 \\ 120 \end{gathered}$ | $\begin{array}{r}42 \\ 47 \\ 47 \\ 69 \\ 68 \\ 68 \\ 105 \\ \hline\end{array}$ | $\begin{gathered} 51 \\ 66 \\ 79 \\ 79 \\ 87 \\ 87 \\ 147 \end{gathered}$ | $\begin{gathered} 42 \\ 57 \\ 63 \\ 70 \\ 70 \\ 108 \end{gathered}$ | $\begin{gathered} 66 \\ 70 \\ 70 \\ 71 \\ 71 \\ 71 \\ 130 \end{gathered}$ | $\begin{aligned} & 69 \\ & 74 \\ & 78 \\ & 70 \\ & 707 \\ & 68 \\ & 68 \end{aligned}$ | 72 85 79 70 89 75 | $\begin{aligned} & 85 \\ & 78 \\ & 71 \\ & 78 \\ & 61 \\ & 61 \\ & 65 \end{aligned}$ | 64 73 766 64 64 68 |
| Monthly average- | 67 | 68 | 6s | 04 | 88 | 8 | 63 | ${ }^{68}$ | 72 | 68 | 77 | 00 | 71 |  |  |  |  |
|  | $\begin{aligned} & 57 \\ & 59 \\ & 73 \\ & 73 \\ & 77 \\ & 70 \end{aligned}$ | 69 <br> 68 <br> 84 <br> 83 <br> 83 <br> 74 | $\begin{aligned} & 61 \\ & 46 \\ & 73 \\ & 64 \\ & 71 \\ & 70 \end{aligned}$ | $\begin{aligned} & 56 \\ & 58 \\ & 75 \\ & 72 \\ & 78 \\ & 73 \end{aligned}$ | $\begin{aligned} & 52 \\ & 56 \\ & 71 \\ & 73 \\ & 79 \\ & 70 \end{aligned}$ | 57 86 80 76 77 68 | 52 54 85 70 74 74 83 | 61 52 78 70 75 76 60 | $\begin{aligned} & 58 \\ & 60 \\ & 72 \\ & 72 \\ & 73 \\ & 73 \\ & 70 \end{aligned}$ | 44 <br> 45 <br> 45 <br> 64 <br> 60 <br> 65 <br> 64 | $\begin{aligned} & 61 \\ & 67 \\ & 92 \\ & 81 \\ & 97 \\ & 90 \end{aligned}$ | $\begin{aligned} & 63 \\ & 62 \\ & 71 \\ & 78 \\ & \hline 68 \\ & \hline 62 \end{aligned}$ | $\begin{aligned} & 61 \\ & 63 \\ & 75 \\ & 71 \\ & 72 \\ & 65 \end{aligned}$ | 73 73 78 76 76 73 78 | 74 <br> 78 <br> 88 <br> 86 <br> 84 <br> 82 <br> 82 | 70 <br> 73 <br> 76 <br> 73 <br> 76 <br> 74 | 68 88 78 78 74 72 |
| July. $\qquad$ <br> August $\qquad$ September November <br> December $\qquad$ | $\begin{array}{r} 51 \\ .60 \\ 79 \\ 82 \\ 83 \\ 135 \end{array}$ | $\begin{array}{r} 58 \\ 70 \\ 90 \\ 91 \\ 91 \\ 146 \end{array}$ | $\begin{gathered} 45 \\ 54 \\ 68 \\ 82 \\ 73 \\ 122 \end{gathered}$ | $\begin{gathered} 51 \\ 68 \\ 80 \\ 79 \\ 78 \\ \mathbf{7 8 6} \end{gathered}$ | $\begin{gathered} 50 \\ 59 \\ 71 \\ 71 \\ 71 \\ \hline 122 \end{gathered}$ | $\begin{array}{r}63 \\ 69 \\ 91 \\ 85 \\ 92 \\ 146 \\ \hline\end{array}$ | $\begin{gathered} 48 \\ 64 \\ 85 \\ 81 \\ 78 \\ 129 \end{gathered}$ | $\begin{array}{r} 47 \\ 64 \\ 81 \\ 85 \\ 78 \\ 717 \end{array}$ | $\begin{gathered} 51 \\ 68 \\ 77 \\ 88 \\ 89 \\ 88 \\ 137 \end{gathered}$ | $\begin{array}{r}43 \\ 48 \\ 49 \\ 69 \\ 72 \\ 70 \\ \hline 115 \\ \hline\end{array}$ | $\begin{array}{r}69 \\ { }^{53} \\ 78 \\ 85 \\ 112 \\ 102 \\ 172 \\ \\ \hline\end{array}$ | $\begin{array}{r}43 \\ 68 \\ 68 \\ 78 \\ 78 \\ 78 \\ 117 \\ \hline\end{array}$ | $\begin{gathered} 61 \\ 74 \\ 80 \\ 82 \\ 84 \\ 84 \\ 143 \end{gathered}$ | $\begin{aligned} & 73 \\ & 76 \\ & 74 \\ & 74 \\ & 75 \\ & 77 \end{aligned}$ | 83 80 96 86 76 80 80 | 70 <br> 82 <br> 88 <br> 78 <br> 72 <br> 71 <br> 75 | 66 70 78 68 67 70 74 |
| Monthly average- | 76 | 83 | ${ }^{69}$ | 74 | 70 | 78 | 78 | 73 | 76 | 69 | 90 | - 69 | 78 |  |  |  |  |
|  | 59 <br> 61 <br> 81 <br> 71 <br> 79 <br> 76 <br> 76 | $\begin{aligned} & 61 \\ & 70 \\ & 84 \\ & 88 \\ & 84 \\ & 75 \end{aligned}$ | 58 47 47 60 69 69 68 | $\begin{aligned} & 61 \\ & 62 \\ & 75 \\ & 81 \\ & 88 \\ & 78 \\ & 78 \end{aligned}$ | $\begin{aligned} & 58 \\ & 58 \\ & 68 \\ & 78 \\ & 74 \\ & 75 \\ & 75 \end{aligned}$ | 60 70 80 80 78 74 | $\begin{aligned} & 55 \\ & 61 \\ & 73 \\ & 74 \\ & 72 \\ & 70 \end{aligned}$ | 61 65 74 78 76 76 76 | 68 60 65 74 71 74 | $\begin{aligned} & 44 \\ & 46 \\ & 59 \\ & 65 \\ & 63 \\ & 66 \end{aligned}$ | 65 64 67 87 98 98 95 | 63 53 68 68 67 69 64 | $\begin{aligned} & 67 \\ & 68 \\ & 73 \\ & 83 \\ & 79 \\ & 76 \end{aligned}$ | $\begin{aligned} & 78 \\ & 77 \\ & 79 \\ & 75 \\ & 74 \\ & 79 \end{aligned}$ | 77 <br> 80 <br> 81 <br> 94 <br> 84 <br> 84 <br> 84 | 76 79 78 83 76 78 78 | 77 88 79 79 69 78 |
| July.. August--October Norm December | $\begin{gathered} 55 \\ 61 \\ 86 \\ 86 \\ 91 \\ 145 \end{gathered}$ | $\begin{gathered} 63 \\ 77 \\ 91 \\ 98 \\ 103 \\ 168 \end{gathered}$ | $\begin{array}{r} 49 \\ 52 \\ 72 \\ 72 \\ 78 \\ 78 \\ 124 \end{array}$ | $\begin{gathered} 56 \\ 68 \\ 81 \\ 88 \\ 89 \\ 137 \\ 137 \end{gathered}$ | $\begin{gathered} 55 \\ 61 \\ 78 \\ 79 \\ 83 \\ 133 \end{gathered}$ | $\begin{array}{r} 69 \\ 64 \\ 67 \\ 97 \\ 92 \\ 97 \\ \mathbf{1 5 5} \end{array}$ | $\begin{gathered} 55 \\ 70 \\ 85 \\ 90 \\ 84 \\ 133 \end{gathered}$ | $\begin{gathered} 54 \\ 70 \\ 84 \\ 84 \\ 94 \\ 85 \\ 123 \end{gathered}$ | $\begin{gathered} 54 \\ 68 \\ 83 \\ 87 \\ 93 \\ 146 \end{gathered}$ | $\begin{gathered} 46 \\ 49 \\ \hline 65 \\ 74 \\ 780 \\ 80 \\ \hline 222 \end{gathered}$ | $\begin{array}{r} 68 \\ 78 \\ 78 \\ 117 \\ 114 \\ 185 \end{array}$ | $\begin{gathered} 50 \\ 59 \\ 70 \\ 80 \\ 80 \\ 81 \\ 120 \end{gathered}$ | $\begin{array}{r}69 \\ 79 \\ 88 \\ 90 \\ 94 \\ 154 \\ \hline\end{array}$ | $\begin{aligned} & 80 \\ & 77 \\ & 81 \\ & 78 \\ & 82 \\ & 83 \end{aligned}$ | 90 98 98 98 82 90 93 | 78 86 89 78 781 81 81 | 72 78 76 76 78 78 81 |
| Monthly average- | 79 | 88 | 69 |  | 75 | 84 | 77 | 78 | 77 |  |  |  |  |  |  |  |  |

For footnotes see pp. 158, 159.

## DOMESTIC TRADE-RETAIL TRADE-Continued



For footnotes see pp. 158, 189.
*Without adjustment for seasonal variation.
$\dagger$ Adjusted for seasonal variation.

EMPLOYMENT CONDITIONS AND WAGES－FACTORY EMPLOYMENT ${ }^{1}$

| Year and Month | DEPARTMENT OF LABOR INDEXES WITHOUT ADJUSTMENT FOR SEASONAL VARIATION |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Durable goods group |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | Iron and steel and thelr products |  |  |  | Lumber and allied products |  |  |  | Machinery，not including trans－ portation equipment |  |  |  |  | Metals，nonferrous and their products |  |  |  |
|  |  |  |  |  |  |  |  | 范 | 音 |  |  |  |  |  |  |  | 电 |  |  |
|  | Monthly average，1923－25＝100 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1919 monthly average | 106.7 |  | 99.9 |  |  |  | 94.3 | 82.3 |  |  | 116.6 |  |  |  |  |  |  |  |  |
| 1920 monthly average | 107.8 |  | 107.8 |  |  |  | 89.6 | 90.7 |  |  | 128． 6 |  |  |  |  |  |  |  |  |
| 1921 monthly average | 82.2 |  | 66.6 |  |  |  | 76.6 | 73.0 |  |  | 77.5 |  |  |  |  |  |  |  |  |
| 1922 monthly average | 90.3 |  | 84． 1 |  |  |  | ${ }_{1015}^{97.4}$ | 86．5 |  |  | 81．7 |  |  |  |  |  |  |  |  |
| 1923 monthly average． | 104.1 96.4 | （104．6 | 103.9 97.0 | 104.5 97.1 | 104.4 <br> 97.7 | 1101.0 | 101.5 98.3 | 98.1 96.2 | 96.7 98.8 | 103.6 | 105.8 <br> 94.9 | 110.0 88.1 | 103.0 97.9 | 108.4 <br> 93.9 | 89.5 105.9 | 105.4 | 106.3 100.0 | 103.4 96.6 | ${ }^{110.1}$ |
| 1925 monthly average | ${ }^{99.5}$ | 99．0 | 99．1 | 98.4 101.0 | 97.9 <br> 107.5 | 99.0 | 100.2 | 105.7 | 104.5 | 97.6 | 99.3 107.4 | 101.9 115.3 | 99.1 | 93.7 <br> 103 <br> 103 | 104.6 | 97.9 | 93.7 | 100.0 | ${ }^{94.2}$ |
| 1927 monthly average． | 98.9 | ${ }^{105.6}$ | $\stackrel{1}{19.2}$ | 95．7 | 108.1 | 98.4 | ${ }_{93.9}$ | 108．8 | 90.7 | 86.6 | 102.4 | 118.5 |  | 97.7 |  | 96.5 | 96.8 | 101.2 | 93.0 |
| 1928 monthly average． | 98.7 | 96.1 | ${ }^{96.6}$ | 96.2 | 106.5 |  | 92.1 | 106.7 | 86.7 | 84.4 | 104． 9 | 137.9 |  | 98.8 |  |  |  | 107.3 | 104． 1 |
| 1929 monthly average． | 104.7 | 103．7 | 102.6 | 103.2 | 111.2 | 104.3 | 95． 2 | 111．9 | 84． 6 | 87.7 | 125．9 | 147． 9 | 127.3 | 111.3 | 204.5 | 111.4 | 138.4 | 121.5 | 120.5 |
| 1930 monthly average | 91.3 | 86.1 | 89.2 | 90.3 | 98.9 |  | 75.8 | 89.0 | 64.4 | ${ }^{67.6}$ | 104.9 | 110.7 | 107.1 | 94.2 | 141.0 |  |  | 96.6 | 106． 3 |
| 1931 monthly average | 77.3 | 67.3 | 69.7 | 68.4 | 76.0 | 83.7 | 56.0 | 73.7 | 51.1 | 41.1 | 78.3 | 62.3 | 80.9 | 60.7 | 124． 4 | 74.0 | 00.2 | 74．9 | 85.4 |
| 1932 | ${ }^{69.1}$ | 57.7 | 61.1 | 60.6 | 62.5 | 73.4 | 45.645.9 | 64.9 | 41.6 | 30.2 | 66.0 | 52.8 | 71.1 | 57.957.8 | ${ }^{105.3} 8$ | 65.366.3 | 74.776.2 | 67.467.8 | 75.379.3 |
| January |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February |  | 58.4 | ${ }_{6}^{61.6}$ | 61.4 | 59.0 | 71.7 |  | 68.6 | 39.6 | 29.8 | 66.1 | 56.1 | 70.5 |  |  |  |  |  |  |
| April． | 67.1 | 55.6 | 59.1 | 59.9 | 54.7 | 72.6 | 43.7 | 58.9 | 36.8 | 30.8 | 60.9 | 48.7 | 66.1 | 54.4 | 68.3 | 62.8 | 74.9 | 64.0 | 80.7 |
| May | $\begin{aligned} & 64.6 \\ & 62.5 \end{aligned}$ | 54.1 | 57.1 | 58.4 | 51.9 | 70.7 | 42.7 | 64.7 | 36.3 | 31.1 | 58.8 | 37.5 | 64.1 | 52.7 | 71.6 | 60.0 | 70.4 | 61.7 | 80.5 |
| June． |  | 52.3 | 55.6 | 56.6 | 49.8 | 75.3 | 42.2 | 52.3 | 34.7 | 31.7 | 55.9 | 28.4 | 61.1 | 50.0 | 75.2 | 58.5 | 68.7 | 60.2 | 78.7 |
| July．． | 60.461.8 | 50.0 | 52.7 | 54.2 | 47.0 | 73.6 | 41.0 | 49.4 | 33.0 | 31.4 | 53.1 | 25.1 | 57.4 | 48.6 | 72.7 | 52.7 | 66.7 | 58.2 | 73.9 |
| August |  | 48.7 | 52.3 | 53.6 | 46.3 | 74．0 | 41.4 | 50.4 | 32.7 | 31.7 | ${ }_{51}^{51.0}$ | ${ }^{27.4}$ | 55.8 | 46.0 | 72.2 | 55.7 | 70.1 | 58.3 | 75.1 |
| October | 61.8 66.1 | 49.2 49.8 | 53.6 55.1 | 65.1 57.2 | 44.0 42.2 | 79.5 75.1 | 45.1 | 65.0 68.7 | 32.1 | 32.0 34.0 | 52.1 | 23．6 | 63.4 56 | 47.5 | 78.0 89.4 | 60．0 | 73.6 | 61.1 | 88 |
| November | $\begin{aligned} & 66.3 \\ & 65.5 \\ & 64.3 \end{aligned}$ | 50.3 | 55.5 | 58.0 | 41.1 | 71.5 | 44.5 | 57.4 | 31.7 | 33.8 | 52.3 | 28.0 | 52.7 | 47.8 | 86.0 | 80.9 | 75.2 | 62.4 | 84.6 |
| December |  | 49.8 | 54.0 | 57.6 | 40.6 | 60.3 | 43.4 | 65.7 | 30.8 | 33.0 | 52.2 | 32.3 | 52.6 | 47.9 | 74.1 | 59.3 | 75.0 | 61.9 | 81.8 |
| Monthly average | 65.5 | 62.8 | 56.5 | 67.8 | 49.7 | 73.3 | 43.6 | 67．4． | 36.0 | 31.7 | 57.0 | 36.8 | 00.6 | 51.1 | 80.4 | 80.4 | 73.0 | 62.5 | 79.6 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 62.663.7 | 48.1 | 51.7 | 56.7 | 38.4 37 | ${ }_{68}^{65.8}$ | 41.0 | 51.1 | 28.3 | 31.9 | 49.6 | 34.2 | 50.8 | 45.4 | 52.8 | 56． 1 | 75.0 | 59.6 | 77.3 |
| March |  | 48.7 46.9 | 54.1 52.2 | 69.5 57.4 | 37.4 | 68.4 86.4 | ${ }_{39.6}$ | 62.1 48.3 | 28．9 | 31.5 31.4 | 60.4 49.0 | 34.4 35.4 | 51.2 50.5 | 4 | 62.8 63.4 | 54．8 | 77.2 77.8 | 60.2 57 | 84.7 80.4 |
| April | 61.5 62.9 | 47.6 | 53.8 | 69.2 | 38.3 | 69.2 | 40.9 | 48.4 | 28.2 | 32.8 | 49.6 | 33.6 | 51.2 | 45.3 | 60.1 | 56.2 | 79.2 | 60.2 | 85.6 |
| May | 62.870.27 | 50.4 | 57.0 | 62.5 | 37.8 | 71.5 | 43.9 | 52.9 | 30.5 | 34.7 | 62.1 | 30．4 | 53.1 | 47.3 | 77.5 | 58.8 | 81.8 | 64.5 | 89.4 |
| June． |  | 54.2 | 62.2 | 67.9 | 39.0 | 76.5 | 48.9 | 68.7 | 33.5 | 38.9 | 56.3 | 33.3 | 56.0 | 51.0 | 93.5 | 63.1 | 85.9 | 71.7 | 95.6 |
| July．． | 74.9 | 58.8 | 68.3 | 75.4 | 42.5 | 80.3 | 52.8 | 61.7 | 37.3 | 42.4 | 60.2 | 34． 9 | 59.4 | 65.0 | 95.0 | 66． 4 | 90.5 | 79.0 | 100.4 |
| August | $\begin{array}{r} 7.8 \\ 79.6 \\ 83.2 \end{array}$ | 63.6 | 74.9 | 83.1 | 46.3 | 88.3 | 56.6 | 68.0 | 38．4 | 45.2 | 68.6 | 38.3 | 63.0 | 61.5 | 116.5 | 73.9 | 98.5 | 86.1 | 109.7 |
| Septemb |  | $6{ }^{66.9}$ | 77.8 | 85.1 | 51.9 | ${ }^{9} 9.8$ | ${ }^{60.4}$ | 78.5 | 38．5 | 47.2 | 71.7 | 43.0 | 68.4 | 64.5 | 153.3 | 78.9 | 102.7 | 88.2 | 112.8 |
| October Novemblem | $\begin{aligned} & 83.2 \\ & 82.8 \\ & 79.5 \end{aligned}$ | 66.7 64.8 | 76.4 74.3 | 83.5 81.2 | 51.6 50.3 | 83.5 82.4 | 61.0 58.0 | 77.8 71.7 | 37．3 | 47.8 46.3 | 75.0 76.5 | 47.2 50.9 | 68.6 68.3 | 65.7 64.6 | 111．5 | 80.4 78.7 | 101.4 99.9 | 87.4 84.7 | 113.7 109.5 |
| December | $\begin{aligned} & 79.5 \\ & 77.6 \end{aligned}$ | 64.1 | 72.9 | 80.3 | 49.7 | 84.9 | 65.1 | 65.2 | 34.9 | 44.8 | 73.8 | 56.0 | 67.4 | 63.5 | 179．6 | 76.0 | 99.1 | 82.0 | 107.8 |
| Monthly average． | 72.0 | 56.7 | 64.6 | 71.0 | 43.3 | 77.3 | 49.9 | 81.0 | 33.2 | 39.8 | 60.8 | 39.8 | 68.8 | 64.6 | 112.1 | 68.7 | 89.1 | 73.4 | 97.2 |
| January 1934 |  | 63.2 | 70.0 | 77.9 |  |  |  |  | 32.0 | 41.4 |  |  |  |  | 150.3 |  |  |  |  |
| Februar | 76.5 81.1 | 67.0 | 73.3 | 80.7 | 49.8 | 78.2 | 52.2 | 61.7 | 34.7 | 42.2 | 75.1 | 69.2 | 67.2 | 66.3 | 143.9 | 77.1 | 97.5 | 82.7 | 110.0 |
| March． | 84.486.086.0 | 70.8 | 76.9 | 84.0 | 50.8 | 83.9 | 54.0 | 62.3 | 36.1 | 44.0 | 79.0 | 69.5 | 70.1 | 70.6 | 151.7 | 81.9 | 99.8 | 88.8 | 120.6 |
| April |  | 73.8 | 79.8 | 87.4 | 52.8 | 86.7 | 55． 2 | 60.2 | 37.9 | 48.2 | 82.5 | 79.8 | 72.3 | 74.0 | 160.6 | 84.2 | 100.7 | 90.0 | 129.6 |
| May | 86．2 | 75.6 | 82.7 | 92.0 | 55.2 | 89.6 | 57.3 | 60.6 | 38.8 | 48.7 | 83.5 | 75.9 | 74.2 | 76.1 | 160.7 | 85.1 | ${ }^{95.7}$ | 92.3 | 131.9 |
| June． |  | 74.8 | 84.1 | 94.8 | 56.3 | 95.0 | 56.2 | 61.7 | 36.4 | 47.3 | 83.1 | 67.1 | 75.1 | 75.6 | 167.1 | 82.9 | 93.1 | 88.9 | 128.3 |
| July．． | 82.483.5 | 71.2 | 77.2 | 86.8 | 55.6 | 97.9 | 54.8 | 61.3 | 35.6 | 45． 6 | 81.4 | 63.4 | 73.9 | 71.9 | 169.8 | 79.8 | 82.6 | 85.3 | 124.6 |
| August |  | 69.8 | 76.2 | 83.5 | 55.6 | 97.4 | 54.9 | 62. | 34． 8 | 45.7 | 81.4 | 61.1 | 74.1 | 71.4 | 182.4 | 79.8 | 82.6 | 82.7 | 120.1 |
| Oeptember | 80.0 82.2 82 | 67.9 66.6 | 72.1 | 78.3 78.4 | 53． 8 | 92． 3 | ${ }_{55.9}^{55.4}$ | 64.3 65.8 | 34．9 | 46.0 45 | 81.5 80.4 | 62.0 66.7 | 74．8 | 68.7 | 184.8 187.0 | 80.2 82.0 | 83.4 89.7 | 80.6 80.7 | 1114.3 |
| November | 80.381.4 | 65.9 | 72.3 | 79.0 | 54.6 | 88.0 | 54.4 | 64.5 | 34.9 | 44． 2 | 80.4 | 72.8 | 74.2 | 68.3 | 179.3 | 83.0 | 90.4 | 81.9 | 115.7 |
| December |  | 67.9 | 72.9 | 80.2 | 54.3 | 84.0 | 53.3 | 64.3 | 35.3 | 42.6 | 81.0 | 76.7 | 74.4 | 69.1 | 173.6 | 84.2 | 90.0 | 84.2 | 120.6 |
| Monthly average－． | 82.4 | 89.5 | 75．7． | 88.6 | 58.8 | 89.8 | 54.5 | 82.4 | 35.4 | 45.0 | 80.0 | 68.7 | 72.5 | 70.4 | 167.8 | 81.1 | 81.8 | 84.8 | 119.4 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 82.084.9 | 69.8 732 | 74.4 | 83.2 | 52.7 | 83.5 | 52.2 | 63.4 | 34．5 | 41.7 | 82.3 | 88.0 | 74.8 | 71.6 | 159.4 | 83.3 | 88.6 | 85.8 | 122.8 |
| March |  | 73.2 74.8 | 77.7 78.9 | 87.4 88.7 | 50.7 51.9 | 83.9 84.9 | 55.1 56.5 | 66.2 68.4 | 36．4 | 45.1 | 84.7 <br> 86.8 <br> 8 | 84.8 92.7 | 76.6 78.5 | 74.5 76.0 | 154.8 156.9 | 87.0 88.5 | ${ }_{96.8}^{94.1}$ | 91.9 93.3 | 130.0 133.7 |
| April | 86.284.7 | 75.7 | 79.1 | 88.3 | 52.2 | 86.8 | 57.8 | 67.9 | 38.2 | 46.9 | 88.1 | 88.8 | 80.4 | 76.8 | 151.6 | 89.0 | 96.4 | ${ }_{93.0}$ | 134.6 |
| May－ |  |  | 79.3 | 88.2 | 52.8 | 88.8 | 56.7 | 66.3 | 39.1 | 45．8 | 87.5 | 88.8 | 80.2 | ${ }^{76.3}$ | 138.7 | 88.2 | 95.9 | 91.9 | 131.9 |
| June．． | 84.7 83.1 | 73.3 | 78.5 | 86.8 | 52.8 | 94.3 | 54.0 | 66.4 | 40.3 | 41.7 | 87.1 | 101.2 | 79.0 | 75.3 | 136.6 | 86.9 | 93.3 | 89.7 | 126.4 |
| July |  | 73.2 | 78.0 | 85.9 | 53.7 | 98． 3 | 57.8 | 68.4 | 43.1 | 45.7 | 88.3 | 106． 8 | 79.0 | 75．9 | 153.1 | 85.2 | 91.4 | 88.0 | 123.8 |
| August |  | 74.5 | 80.0 | 88.3 | 54．6 | 102.2 | 62.0 | 72.6 | 45.7 | 49.3 | 89．9 | 107.8 | 79.9 | 76.5 | 176.7 210.6 | 87.2 <br> 92 | 92．5 | 88．9 | 125.7 |
| September | 86.1 88.0 | 75.2 79.0 | 81.6 83.4 | 89.2 90.6 | 55.3 55.6 | 103.6 98.8 | 63.9 64.5 | 75.5 77.1 | 47．6 | 50.4 | 93.6 95.6 | 108.4 106.7 | 83.2 85.4 | 78.6 79.4 | 230.6 230 | ${ }_{97}^{92.3}$ | 96.9 101.3 | 93．0 88.7 | 131.0 139.0 |
| November | $\begin{aligned} & 89.3 \\ & 88.7 \end{aligned}$ | 80.1 | 83.8 | 91.3 | 55． 3 | 93.6 | 62.5 | 76.2 | 46.8 | 48.5 | 96.5 | 113.3 | 85.6 | 80.3 | 224.4 | 99.0 | 101.7 | 101． 2 | 143.3 |
| December．－ | 88.285.9 | 79.7 | 83.9 | 92.3 | 53.4 | 91.3 | 60.8 | 74.0 | 45.1 | 47.3 | 95.8 | 117.9 | 84.0 | 81.7 | 190.1 | 98.2 | 100.6 | 100.7 | 144.3 |
| Monthly average． |  | 75.3 | 79.8 | 88.4 | 53.4 | 92， 5 | 58.7 | 70.2 | 41.8 | 48.4 | 89.7 | 99.9 | 80.8 | 76.9 | 178.6 | 90． 2 | 95.8 | 93.0 | 152.8 |

For footnotes see p． 159.

## EMPLOYMENT CONDITIONS AND WAGES—FAGTORY EMPLOYMENT ${ }^{1}$-Continued



For tootnotes see p. 159.

EMPLOYMENT CONDITIONS AND WAGES-FACTORY EMPLOYMENT ${ }^{1}$-Continued

| Year and Monte | DEPARTMENT OF LABOR INDEXES WITHOUT ADJUSTMENT FOR SEASONAL VARIATION |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Nondurable goods group |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Food and kindred products |  |  |  | Leather and its manufactures |  |  | Paper and printing |  | Rubber products |  | Textiles and their products |  |  | Tobac-comanu-fac-tures,comedbindexindex |
|  | Combined index | Baking | $\begin{array}{\|c} \text { Bever- } \\ \text { ages } \end{array}$ | $\begin{gathered} \text { Slaugh- } \\ \text { tering } \\ \text { and } \\ \text { meat } \\ \text { packing } \end{gathered}$ | Com bined index | Boots and shoes | Leather | Combined index | $\begin{gathered} \text { Paper } \\ \text { and } \\ \text { pulp } \end{gathered}$ | Comindex | Rubber tires and inner tubes | Combined index | Fabrics | $\begin{gathered} \text { Wear- } \\ \text { ingap- } \\ \text { parel } \end{gathered}$ |  |
|  | Monthly average, $1923-25=100$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1919 monthly average. | 114.5109.693.396.5101.498.3 | 87.3 |  | 127.2 | 108.1 | 101.8 | 133.2 | 96.0 | 94.0108.6 | ---.-.-.-- | -------...... | 98.899.0 | 95.2 | 107.1 | 113.4 |
| 1920 monthly average. |  | 95.7 |  |  | 98.5 | 94.0 | 119.3 |  |  |  |  |  |  |  |  |
| 1921 monthly average. |  | 92.4 |  | 94.4 | 86.6 | 87.1 | 92.4 | 88.0 | 87.1 |  |  | 92.6 | 89.9 | 100.0 | 108.3 |
| 1922 monthly average |  |  |  | 91.7 | 97.3 | 95.9 | 106.8 | 92.2 | 90.7 |  |  | 97.3 | 95.4 | 102.6 | 105. 8 |
| 1923 monthly average |  | 100.1 | 104.9 | 104.7 | 106.6 | 108.0 | 109. 1 | 99.2 | 100.0 | 102.6 | 97.7 | 105.2 | 105.4 | 105.4 | 105.7 |
| 1924 monthly average |  |  | 97.0 | 100.3 | 96.3 | 96.7 | 05.4 | 99.7 | 97.3 | 91.8 | 94.5 | 94.9 | 94.2 | 96.1 | 98.8 |
| 1925 monthly average | $\begin{array}{r} 100.3 \\ 99.7 \end{array}$ | 98.8 | 98.1 | 95.0 | 97.1 | 97.3 | 95.5 | 101. 1 | 102.7 | 105. 6 | 107.8 | 99.9 | 100.4 | 98.5 | 95.5 |
| 1926 monthly average |  | 101.4 |  | 93.2 | 96.6 | 95.6 | 96.7 | 104. 1 | 105.8 | 105. 1 | 105.4 | 99.9 | 99.2 | 99.8 | 90.9 |
| 1927 monthly a verage | $\begin{array}{r} 99.7 \\ 100.2 \\ 103.8 \end{array}$ | 105.9 | 96.8 | 94.0 | 97.7 | 95.6 | 96. 6 | 104. 1 | 102.2 | 105. 7 | 103.3 | 104.0 | 101.3 | 105.8 | 93.4 |
| 1928 monthly average. |  | $\begin{aligned} & 112.2 \\ & 123.6 \\ & 121.5 \\ & 112.6 \end{aligned}$ |  | 94.8 | 95.6 | 92.7 | 94.3 | 105.0 | 100.8 | 111.1 | 109.9 | 101.3 | 96.2 | 108.3 | 90.7 |
| 1929 monthly average | $\begin{aligned} & 100.8 \\ & 111.1 \\ & 107.8 \end{aligned}$ |  | 101.3 | 96.7 | 98.5 | 96.7 | 91.1 | 11.3 | 106.1 | 111.0 | 110.0 | 104.8 | 99.2 | 113.3 | 83.9 |
| 1930 monthly average 1931 monthly average |  |  | 85.5 | 92.1 84.1 | $\stackrel{91.2}{84,3}$ | 90.2 86.3 | 84.6 78.9 | 108.0 96.3 | 102.5 80.5 | 85.9 <br> 73.9 | 79.0 64.9 | 92.9 87.2 | 86.0 80.3 | 105.0 98.7 | 78.3 |
|  | $\begin{array}{r} 107.8 \\ 95.6 \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 83.983.0 | 107.0 | 75.3 | 84.4 | 80.3 | 82.4 | 70.9 | 91.3 | 84.9 | 69.8 | 60.6 | 81.6 | 76.5 | 90.0 | 64. 1 |
| February |  | 108.3 | 74.7 | 83.0 | 85.2 | 88.1 | 72.3 | 89.6 | 85.2 | 70.4 | 61.3 | 84.9 | 79.0 | 95.2 | 66.7 |
| April. | $\begin{aligned} & 82.3 \\ & 84.0 \end{aligned}$ |  | 79.9 | 78.6 | 88.1 | 87.4 | 70.8 | 88.8 87.7 | 85.4 83.7 | 68.6 68.4 | 61.0 61.1 | 83.3 77.6 | 76.1 70.0 | ${ }_{92.8}^{97.2}$ | ${ }_{64.1}^{65.7}$ |
| May | $\begin{aligned} & 84.0 \\ & 83.9 \\ & 86.9 \end{aligned}$ | $\begin{aligned} & 108.9 \\ & 107.4 \end{aligned}$ | 82.1 | 80.4 | 78.0 | 80.6 | 67.7 | 85.8 | 82.1 | 67.6 | 61.1 | 72.2 | 64.7 | 86.9 | 63.1 |
| June-- |  | $\begin{aligned} & 107.4 \\ & 107.3 \end{aligned}$ | 86.8 | 79.9 | 76.0 | 79.1 | 63.8 | 84.0 | 80.1 | 68.5 | 62.3 | 67.7 | 60.7 | 81.7 | 64.9 |
| July. | $\begin{aligned} & 88.7 \\ & 94.0 \end{aligned}$ | 106.8106.3 | 84.9 | 79.1 | 77.2 | 80.9 | 63.4 | 82.6 | 78.9 | 66.2 | 61.8 | 63.1 | 58.9 | 71.0 | 64.3 |
| August |  |  | 80.5 | 79.1 | 82.1 | 86.8 | 64.8 | 81.3 | 78.8 | 64.6 | 59.6 | 71.1 | 66.7 | 79.1 | 64.5 |
| September | $\begin{array}{r} 10.0 \\ 97.2 \end{array}$ | 106.3 106.4 | 83.2 | 81.1 | 84.1 | 88.8 | 67.3 | 82.9 | 80.7 | 64.7 | 57.1 | 81.4 | 75.6 | 92.1 | 66.3 |
| October |  | 107.5 106.3 | 79.4 75.3 | 81.6 80.3 | 85.4 79.1 | 89.7 81.4 | 70.2 72.1 | 84.3 84.1 | 81.9 81.6 | 66.6 67.4 | 57.2 57.2 | 85.6 83.9 | 79.3 78.3 | 97.5 94.5 | 68.3 69.2 |
| December. | $\begin{aligned} & 97.2 \\ & 91.0 \\ & 86.9 \end{aligned}$ |  | 71.7 | 80.4 | 76.4 | 78.4 | 71.0 | 83.6 | 79.2 | 67.3 | 67.1 | 82.1 | 77.1 | 91.4 | 65.8 |
| Monthly average_ | 88.6 | 108.8 | 79.1 | 80.6 | 81.2 | 84.5 | 68.8 | 85.5 | 81.0 | 87.8 | 69.8 | 77.9 | 71.9 | 89.1 | 85.6 |
| January 1933 |  |  | 71.9 | 79.0 | 79.9 | 83.0 | 70.3 | 82.1 | 78.3 | 65.0 | 56.4 | 80.0 | 75.5 | 88.3 | 58.5 |
| February | $\begin{aligned} & 83.8 \\ & 83.2 \end{aligned}$ |  | 73.6 | 79.2 | 84.4 | 88.4 | 71.8 | 81.9 | 78.5 | 65.8 | 57.9 | 83.1 | 76.5 | 96.1 | 61.6 |
| March. |  | $\begin{aligned} & 104.9 \\ & 104.7 \end{aligned}$ | 85.5 | 77.3 | 83.8 | 88.2 | 69.9 | 80.5 | 78.3 | 63.7 | 56.5 | 78.3 | 70.7 | 94.3 | 56.4 |
| April. | $\begin{aligned} & 83.2 \\ & 82.5 \\ & 88.6 \end{aligned}$ | $\begin{array}{r} 106.3 \\ 107.8 \end{array}$ | 127.2 | 78.0 | 82.2 | 87.4 | 65.8 | 80.2 | 78.5 | 63.9 | 56.6 | 80.8 | 72.3 | 98.7 | 55.3 |
| May | $\begin{aligned} & 88.6 \\ & 91.3 \\ & 96.0 \end{aligned}$ |  | 146.5 | 82.1 | 83.9 | 87.7 | 73.2 | 81.2 | 80.8 | 67.8 | 62.0 | 85.0 | 78.5 | 98.0 | 62.6 |
| June. |  | $\begin{aligned} & 107.9 \\ & 109.8 \end{aligned}$ | 171.2 | 84.7 | 87.5 | 90.2 | 80.5 | 82.7 | 83.5 | 75.2 | 70.5 | 92.5 | 88.6 | 99.1 | 64.7 |
| July |  | $\begin{aligned} & 111.2 \\ & 114.4 \end{aligned}$ | 177.4 | 87.0 | 93.5 | 96.5 | 85.7 | 84.4 | 88.5 | 83.6 | 78.5 | 98.2 | 96.9 | 98.4 | 63.9 |
| August |  | $\begin{aligned} & 114.4 \\ & 120.6 \end{aligned}$ | 173.5 | 96.0 | 97.0 | 99.4 | 91.6 | 89.1 | 96.2 | 92.8 | 83.2 | 100.5 | 99.5 | 100.2 | 65.7 |
| September | $\begin{aligned} & 11.7 \\ & 127.1 \end{aligned}$ |  | 171.9 | 104.0 | 94.8 | 96.5 | 91.9 | 93.2 | 101.7 | 94.7 | 81.6 | 100.9 | 97.8 | 105. 6 | 65. 3 |
| October- | 122.0110.9 | 121.8120.8 | 161.4 | 103.3 | 92.9 | 94.5 | 90.8 | 94.9 | 102.7 | 94.7 | 80.1 | 100.4 | 96.9 | 105. 9 | 68.2 |
| November |  |  | 147.1 | 100.7 | 83.1 | 83.2 | 87.2 | 94.6 | 100.8 | 92.4 | 78.0 | 95.6 | 93.6 | 97.0 | 69.7 |
| December. | $\begin{aligned} & 105.3 \\ & 100.9 \end{aligned}$ | $112.2$ | 151.3 | 99.8 | 82.8 | 82.0 | 90.2 | 95.0 | 99.7 | 89.5 | 77.2 | 90.7 | 89.8 | 90.5 | 65.6 |
| Monthly average.. |  |  | 198.2 | 89.9 | 87.2 | 89.8 | 80.7 | 88.7 | 89.0 | 78.1 | 69.9 | 90.5 | 88.4 | 97.7 | 69.1 |
| $\text { January } 1934$ | 99.6 | 118.0 | 151.3 | 98.3 | 87.2 | 87.4 | 90.8 | 92.9 | 98.9 | 87.4 |  |  |  |  |  |
| February | 98.4 |  | 152.4 | 97.3 | 95.1 | 96.9 | 93.0 | 93.7 | 101.1 | 90.0 | 80.2 | 100.0 | ${ }_{96} 8.5$ | 105.3 | 57.3 65.5 |
| March | $\begin{aligned} & 102.4 \\ & 103.6 \end{aligned}$ | 122.3 | 159.1 | 94.5 | 97.5 | 99.7 | 94.5 | 94.2 | 103.0 | 93.0 | 84.0 | 103.5 | 98.7 | 112.1 | 68.0 |
| April. |  | $\begin{aligned} & 123.3 \\ & 125.5 \end{aligned}$ | 168.6 | 94.1 | 97.1 | 99.7 | 92.6 | 95.7 | 105.3 | 96.3 | 88.2 | 102.5 | 97.0 | 112.8 | 68.3 |
| May | $\begin{aligned} & 10.0 \\ & 112.6 \end{aligned}$ |  | 182.1 | 98. 5 | 96.3 | 98.8 | 91.5 | 96. 4 | 105.7 | 96.8 | 89.0 | 99.3 | 95.0 | 106.8 | 64.7 |
| June. |  | $\begin{aligned} & 122.0 \\ & 127.0 \end{aligned}$ | 197.1 | 103. 3 | 92.3 | 93.9 | 90.9 | 95.2 | 104.5 | 92.8 | 87.8 | 94.0 | 90.1 | 100.8 | 66.1 |
| July. | 119.1 | $\begin{array}{r} 128.9 \\ 128.4 \end{array}$ | 203.4 | 105.4 | 94.2 | 96.3 |  | 93.9 | 103.3 | 89.3 | 83.2 | 88.8 | 87.2 | 90.1 | 64.6 |
| August. |  |  | 200.1 | 112.5 | 96.0 | 99.4 | 87.8 | 94.4 | 103.3 | 85.8 8.2 | 79.5 | 91.3 | 85.8 | 101.8 | 68.9 |
| September | 129.5116.5 | 128.4 <br> 128.3 | 190.3 181.1 | 123.4 <br> 119.8 | 90.2 87.7 | 92.5 89.0 | 86.2 87.6 | 95.8 97.0 | 103.9 <br> 105.1 <br> 1 | 83.2 81.9 | 75.7 74.6 | 76.9 95.7 | 62.8 90.0 | 107.8 106.6 | 68.5 69.1 |
| November. |  | 128.7 127.9 | 163.6 | 111.3 | 85.9 | 86.3 | 88.6 | 97.4 | 105. 4 | 81.2 | 74.0 | 93.9 | 89.8 | 101.2 | 67.7 |
| December. | 1114.5 |  | 160.1 | 107.4 | 89.2 | 89.7 | 92.1 | 98.1 | 105.9 | 83.6 | 77.4 | 95.7 | 94.0 | 97.3 | 65.4 |
| Monthly average |  | 125.5 | 175. 8 | 105.7 | 92.4 | 94.1 | 00.5 | 95.4 | 109.8 | 88.4 | 80.9 | 94.4 | 89.7 | 102.8 | 86. 2 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 100.9 | 118.3 | 155.7 | 96.0 | 93.0 | 94.1 | 93.4 | ${ }^{96.2}$ | 105. 3 | 86.4 | 80.4 | 98.2 | 95.8 | 101.1 | 59.6 |
| February | $\begin{array}{r} 100.3 \\ 99.0 \end{array}$ | 123.4 | 156.9 | 88.8 | 96.5 | 98.1 | 95.0 | 97.3 | 107.2 | 87.8 | 81.1 | 101.8 | 97.3 | 109.5 | 60.5 |
| April. |  | 123.9 | 168.0 | 88.0 | 96.3 | 98.2 | 93.8 | ${ }_{97.5}^{97.4}$ | 108.3 | 86.8 | 80.7 | 102.7 100.6 | 93.2 | 115.1 | 60.1 |
| May. | 102.1 102.3 | 124.9 | 174.0 | 82.1 | 91.3 | 92.2 | 92.6 | 97.1 | 108.4 | 85.7 | 79.2 | ${ }^{96.6}$ | 90.8 | 107.8 | 59.9 |
| June.- | 106.2 | 126.6 | 183.1 | 82.9 | 87.3 | 87.2 | 92.2 | 96.1 | 107.6 | 84.2 | 78.5 | 93.1 | 89.1 | 100.2 | 61.2 |
| July. | 115.9124.3 | 123.6 | 192.2 | 81.9 | 91.8 | 92.8 | 92.9 | 96.0 | 107.4 | 81.7 | 75.8 | 90.5 | 87.3 | 95.5 | 61.0 |
| August |  | 123.8 | 192.8 | 80.9 | 94.9 | 96.4 | 93.8 | 96.5 | 107.3 | 82.7 | 75.0 | 96.1 | 89.8 | 108.6 | 61.3 |
| September | 132.4 | 127.0 | 185.1 | 80.3 | 93.4 | 94.4 | 94.6 | 97.9 | 107.7 | 84.6 | 75.7 | 99.4 | ${ }^{92.1}$ | 113.7 | 62.5 |
| October-- | 118.4107.8103 | 127.0 | 175.4 | 81.2 | 91.0 | 90.9 | 96.4 | 99.0 | 107.6 | 86.3 | 76.1 | 101.2 | 94.6 | 113.8 | 63.6 |
| November- |  | 125.9 124.6 | 164.8 161.6 | 84.3 85.8 | 86.5 90.7 | 84.2 89.6 | 99.6 99.7 | 90.4 100.3 | 107.5 108.5 | 86.2 86.4 | 75.3 75.6 | 100.1 100.0 | 95.8 96.1 | 107.3 106.3 | 63.2 61.6 |
| Monthly average....... | 109.4 | 124.3 | 172.7 | 84.3 | 92.5 | 99.1 | 94. 9 | 97.8 | 107.6 | 85.0 | 77.0 | 98.4 | 93.2 | 107.8 | 61.3 |

For footnotes see p. 159.

## EMPLOYMENT CONDITIONS AND WAGES-FACTORY EMPLOYMENT, CITIES AND STATES



For footnotes see pp. 159, 160.

## EMPLOYMENT CONDITIONS AND WAGES-EMPLOYMENT IN NONMANUFACTURING INDUSTRIES ${ }^{1}$

| Year and Monti | DEPARTMENT OF LABOR INDEXES WITHOUT ADJUSTMENT FOR SEASONAL VARIATION |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mining ${ }^{\text {a }}$ |  |  |  |  | Public utilities ${ }^{3}$ |  |  | Retall trade ${ }^{\text {4 }}$ |  |  | Whole-sale trade | Miscellaneous ${ }^{\text {8 }}$ |  |  |
|  | An-thracite | $\begin{aligned} & \text { Bltu- } \\ & \text { mi- } \\ & \text { coul } \end{aligned}$ | Metal-liferous | Crude-petro-producing | $\begin{gathered} \text { Quar- } \\ \text { rying } \\ \text { and } \\ \text { men- } \\ \text { metal- } \\ \text { lic } \end{gathered}$ | Electric light and power and manufactured gas | Electric- <br> railroad and motorbus opand maintenance | Telephone and telegraph | Com: bined index | General merchan dising | Other than general mer-chandising |  | $\begin{aligned} & \text { Dyeing } \\ & \text { and } \\ & \text { clean- } \\ & \text { ing } \end{aligned}$ | $\begin{aligned} & \text { Laun- } \\ & \text { dries } \end{aligned}$ | Yearround hotels |
|  | Monthly average, 1929 $=100$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1929 monthly average 1830 monthly average... | 100.0 93.4 | 100.0 93.4 | 100.0 83.2 | 100.0 87.4 | 100.0 84.3 | 100.0 103.0 | 100.0 93.4 | 100.0 97.9 | 100.0 96.8 | 100.0 94.1 | 100.0 97.6 | 100.0 95.7 | 100.0 | 100.0 | 100.0 96.5 |
| January 1931 | 90.6 | 93.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | ${ }_{68}^{68.3}$ | 74.8 | 64.4 66.6 | 99.2 978 | 86.9 | $\begin{array}{r}90.5 \\ 89.2 \\ \hline 8\end{array}$ | 92.3 89.3 | 82.1 | 82.4 | 88.6 | 88.7 | 94.393.7 | 90.5 90.4 |
| March | 82.0 | 88.8 | 63.563.9 | 72.2 | 70.0 | 96.7 | 86.486.8 | 88.688.1 | 89.291.3 | 89.3 90.8 | 89.3 88.8 | 87.6 86.7 | 80.7 81.3 |  | 90.4 90.2 |
| April. | 85.2 | 85.9 |  | 69.8 | 76.1 | 97.1 |  |  |  | 90.8 93.0 | 90.9 | 86.7 | 88.4 | 93.2 94.3 | 90.088.9 |
| May... | 76.1 | 78.4 | 62.4 | 65.0 | 72.3 | 97.6 | 85.9 | 87.4 | 90.8 | 92.8 | 90.3 | 86.3 | 89.3 | 94, 1 |  |
| June. |  |  | 62.4 60.0 |  |  | 97.2 | 85.3 | 86.9 | 90.7 | 91.4 | 90.5 | 86.3 | 91.4 | 94.8 | 87.0 |
| July.. | 65.1 | 76.4 | 56.2 | 65.3 | 71.0 | 96.7 | 85.6 84 84 | 86.985.9 | 84.2 81.2 | 84.7 | 84.1 | ${ }_{85}^{85.9}$ | 91.1 86.4 | 95.6 |  |
| August | 67.3 | 77.0 | 56.2 55.8 | 65.3 | 63.9 | 95.9 | 84.8 |  | 81.2 | 81.6 | 81.1 | 85.6 | 86.4 | 94.0 | 85. 7 |
| September | 80.0 | 81.3 | 55.5 | 61.2 | 66.6 | 94.7 | 84.0 82.7 | $\begin{aligned} & 85.0 \\ & 84.1 \end{aligned}$ | 83.3 85.2 | 92.1 | $83.4$ | $84.2$$83.1$ | 88.0 | 9.8  <br> 91.8 83.5 |  |
| November | 86.8 |  | 52.851.2 | 61.4 57.6 | 64.5 59.3 |  | 82.7 81.5 | 84.1 83.5 | 85.2 <br> 84.8 |  |  |  | $\begin{aligned} & 87.0 \\ & 83.2 \end{aligned}$ |  |  |  |
| December | 83.5 79.8 | $\begin{aligned} & 81.1 \\ & 81.2 \end{aligned}$ |  | 57.6 58.2 | 59.3 53.9 | ${ }_{90}^{91.3}$ | 81.5 79 | 83.1 | 84.8 90.6 | 116.2 | 83.9 | 82.6 | $\begin{array}{r}88.4 \\ \hline 8.4\end{array}$ | 88.8 88.8 | 81.5 79.5 |
| Monthly average. | 80. ${ }^{\text {o }}$ | 83.2 | 59.1 | 65.7 | 67.4 | 95.6 | 84.7 | 86.6 | 87.7 | 92.2 | 86.7 | 85.8 | 85.6 | 93.1 | 86.3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February | $\begin{array}{r}71.2 \\ 73.7 \\ \hline\end{array}$ | 77.4 | 49.3 46.9 | $\begin{aligned} & 54.9 \\ & 54.4 \end{aligned}$ | 48.9 47.4 | 89.3 87.2 | 79.5 78.9 | 83.0 82.0 | 80.3 78.3 | 84.8 81.2 | $77.1$ | 79.7 | 75.8 74.4 | 86.3 | 78.878.5 |
| March |  | 75.2 | 45.043.3 | 51.454.9 | 46.0 | $\begin{aligned} & 81.5 \\ & 85.5 \\ & 84.8 \end{aligned}$ | 77.6 | 81.7 | 78.6 | 82: 6 |  | $78.6$ | 74.4 76.9 <br> 78.0 |  |  |
| April | $\begin{array}{r}73.7 \\ 70.1 \\ \hline\end{array}$ | ${ }^{65.5}$ |  |  | 48.6 |  | 78.0 | 81.2 | 78.7 | 82.7 | $\begin{array}{r} 77.8 \\ 75.8 \end{array}$ | $\begin{aligned} & 77.6 \\ & 76.6 \end{aligned}$ |  | $\begin{aligned} & 85.4 \\ & 84.8 \end{aligned}$ | $\begin{array}{r} 77.0 \\ 76.2 \\ 74.0 \end{array}$ |
| May- | 66. 9 | ${ }_{6}^{62.6}$ | 38.3 | 54.554.2 | 50.649.5 | 84.083.2 | 78.976.5 | 80.6 | 77.2 76.3 | 82.1 |  |  |  |  |  |
| June. | 53.0 | 60.5 | 32.2 |  |  |  |  | 79.9 | 76.3 | 80.3 | 75.2 | 75.6 | 78.6 | 84.4 |  |
| July.... | 44.5 | 53.6 | 29.5 | 55.4 | 49.5 | 82.3 | 75.6 | 79.1 | 73.1 | 74.1 | 72.8 | 75.2 | 76.1 | 83.6 | 72.0 |
| August. | 49.2 | 59.4 | 23.6 | 57.4 | 51.1 | 81.5 | 74.1 | 78.1 | 71.8 | 71.5 | 71.9 | 74.9 | 73.4 | 82.2 | 70.7 |
| September | 55.8 | 62.4 | 29.3 | 56.2 | 52.4 | 81.0 | 73.5 | 77.4 | 74.2 | 78.7 | 73.0 | 75.6 | 76.9 | 81.9 | 70.8 |
| October. | 63.9 | 67.0 | 30.5 | 56.8 | 52.4 | 79.9 | 72.3 | 76.2 | 76.3 | 83.7 | 74.3 | 76.2 | 76.0 | 80.7 | 71.4 |
| November | 62.7 | 69.4 | 31.9 | 53.5 | 49.4 | 79.1 | 71.8 | 75.5 | 75.4 80.9 | 84.6 | 73.0 | 76.0 | 72.0 | 79.4 | 70.6 |
| December | 62.3 | 70.0 | 33.3 | 57.2 | 42.3 | 78.4 | 71.4 | 74.8 | 80.9 | 104.7 | 74.6 | 75.4 | 69.5 | 79.1 | 69.4 |
| Monthly average. | 82.5 | 67.4 | 36.5 | 65.3 | 49.0 | 83.0 | 75.5 | 79.1 | 76.8 | 82.6 | 75.2 | 76.8 | 75.2 | 83.6 | 74.1 |
| January 1933 | 52.5 | 69.8 | 32.4 | 57.2 | 35.1 | 77.7 | 70.6 | 74.6 | 72.1 | 76.4 | 71.0 | 73.6 | 67.4 | 78.6 | 68.8 |
| February | 53.7 | 69.3 | 31.5 | 57.0 | 34.8 | 77.4 | 70.4 | 73.8 | 70.4 | 73.0 | 69.7 | 72.4 | 65.6 | 77.5 | 68.6 |
| March.. | 54.6 | 67.6 | 30.0 | 56.5 | 35.1 | 78.9 | 69.8 | 73.2 | 68.9 | 70.7 | 68.4 | 71.3 | 65.8 | 76.1 | 67.2 |
| April. | 51.6 | 63.7 | 29.4 | 56.8 | 39.3 | 76.8 | 69.5 | 72.3 | 73.3 | 80.7 | 71,3 | 71.5 | 74.9 | 76.5 | 67.2 |
| May. | 43.2 | 61.2 | 30.0 | 56. 9 | 43.4 | 76.9 | 69.1 | 70.1 | 72. 1 | 78.5 | 70.4 | 72.2 | 75.7 | 76.6 | 68.2 |
| June | 39.5 | 61.3 | 31.5 | 58.0 | 47.3 | 77.3 | 69.3 | 63.2 | 73.2 | 78.9 | 71.5 | 73.9 | 79.1 | 79.2 | 69.5 |
| July... | 43.8 | 63.2 | 33.0 | 59.5 | 49.5 | 77.5 | 69.4 | 68.5 | 71.0 | 74.7 | 70.0 | 75.1 | 76.6 | 79.5 | 69.6 |
| August | 47.7 | 88.6 | 36.8 | 60.8 | 51.6 | 78.1 | 69.5 | 68.1 | 75.4 | 78.4 | 74. 6 | 77.9 | 76.8 | 81.1 | 70.4 |
| September | 56.8 | 71.8 | 38. 9 | 66.2 | 52.6 | 80.3 | 69.7 | 68.3 | 80.6 | 89.0 | 78.4 | 80.3 | 81.9 | 82.6 | 72.4 |
| October. | 56.9 | 63.0 | 40.7 | 70.6 | 53.2 | 82.2 | 70.6 | 68.7 | 83.3 | 93.6 | 80.6 | 81.7 | 81.6 | 81.3 | 73.0 |
| November | 61.0 | 74.8 | 40.6 | 72.2 | 51.1 | 82.6 | 71.0 | 68.9 | 888.9 | 97.0 | 80.4 | 81.6 | 76.1 | 78.4 | 72.3 |
| December | 54.5 | 75.4 | 40.6 | 75.0 | 45.3 | 81.8 | 70.8 | 69.4 | 89.1 | 118.9 | 81.3 | 81.5 | 70.5 | 78.4 | 73.9 |
| Monthly average... | 51.7 | 67.9 | 34.6 | 62.2 | 44.9 | 78.8 | 70.0 | 70.4 | 76.1 | 84.2 | 74.0 | 76.1 | 74.3 | 78.8 | 70.1 |
| January.......... | 64.1 | 75.8 | 39.6 | 73.2 | 39.7 | 82.2 | 70.5 | 70.2 | 79.8 | 86.6 | 78.0 | 80.6 | 68.1 | 78.5 | 76.4 |
| February | 63.2 | 76.1 | 40.3 | 72.4 | 38.8 | 81.2 | 71.0 | 69.8 | 79.6 | 85.0 | 78.2 | 81.2 | 68.1 | 78.4 | 78.9 |
| March | 67.5 | 77.8 | 39.8 | 72.8 | 42.0 | 81.7 | 71.7 | 70.0 | 81.5 | 90.1 | 79.3 | 81.8 | 72.4 | 79.2 | 80.4 |
| April | 58.2 | 72.2 | 41.7 | 74.0 | 48.7 | 82.4 | 72.2 | 70.2 | 82.5 | 91.0 | 80.3 | 82.1 | 79.9 | 80.5 | 81.5 |
| May- | ${ }^{63.8}$ | 76.7 | 40.8 | 76.7 | 54.3 | 83.1 | 72. 6 | 70.2 | 82.9 | 92.0 | 80.5 | 82.8 | 84.3 | 82.1 | 81.8 |
| June | 57.5 | 76.7 | 41.0 | 80.0 | 56.6 | 84.0 | 73.2 | 70.4 | 82.6 | 90.6 | 80.5 | 82.3 | 84.9 | 84.0 | 81.9 |
| July.. | 53.6 | 77.0 | 39.9 | 81.6 | 55.6 | 85.0 | 73.1 | 71.0 | 79.0 | 83.0 | 77.9 | 82.2 | 80.5 | 84.6 | 80.4 |
| August | 49.5 | 77.1 | 42.7 | 82.7 | 54.7 | 85.6 | 72.8 | 71.0 | 77.8 | 812 | 76.9 | 82.5 | 78.6 | 83.7 | 80.0 |
| Septembe | 56.9 | 78. 2 | 42.3 | 81.8 | 53.3 | 85.8 | 72. 5 | 70.9 | 81.7 | 91.5 | 79.1 | 83.5 | 80.0 | 82.9 | 80.0 |
| October | 53.5 | 79.3 | 43.3 | 79.5 | 51.8 | 85.8 | 72.2 | 70.3 | 82. 6 | 94.2 | 79: 6 | 84.3 | 80.3 | 81.7 | 80.9 |
| November- | 60.7 61.6 | 79.8 78.7 | 43,2 44,4 | 78.8 78.7 | 49.5 42.1 | 85. ${ }^{8} 8$ | 71.8 71.0 | 69.9 69.7 | 83.7 91.1 8.1 | 98.9 128.4 | 79.4 81.3 | 85.1 85.0 | 75.8 <br> 72.4 | 80.3 79.5 | 80.8 80.0 |
| Monthly average. | 59.6 | 77.2 | 41.8 | 77.7 | 48.9 | 83.8 | 72.1 | 70.3 | 82.1 | 92.8 | 79.2 | 82.8 | 77.1 | 81.3 | 80.2 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 62.9 64 | 80.0 | 44.3 44.3 | 74.9 74.2 | 36.9 37.3 | 82.7 82.2 | 71.2 71.0 | 70.5 70.0 | 79.5 79.2 | 87.3 86.2 | 77.4 | 84.2 84.8 | 70.3 | 79.6 | 80.3 |
| February | 64.4 <br> 51.4 | 81.1 81.6 | 44.3 45.0 | 74.2 74.0 | 37.3 40.5 | 82.2 82.3 | 71.3 | 70.0 69.8 | 79.2 80.2 | 88.2 88.6 | 78.3 78.0 | 84.6 84.0 | 69.6 72.5 | 79.6 79.7 | 81.1 |
| April. | 52.6 | 74.3 | 46.0 | 74.9 | 45.3 | 82.6 | 71.4 | 69.7 | 83.5 | 94.4 | 80.7 | 83.2 | 79.9 | 80.0 | 81.1 |
| May. | 53.5 | 75.3 | 44.4 | 76.0 | 49.5 | 83.3 | 71.6 | 70.0 | 82.2 | 91.3 | 79.8 | 82.5 | 80.9 | 81.1 | 81.6 |
| June.. | 56.8 | 77.9 | 46.0 | 76.7 | 50.4 | 83.9 | 71.7 | 70.2 | 82.2 | 91.2 | 79.8 | 82. 1 | 83.6 | 82.3 | 81.3 |
| July-... | 49.4 | 70.0 | 45. 2 | 77.4 | 50.9 | 84.8 | 71.5 | 70.3 | 79.3 | 85.5 | 77.7 | 82.1 | 81.7 | 84.4 | 80.3 |
| August | 38.7 | 73.4 | 46.3 | 76.3 | 51.0 | 86.8 | 71.2 | 70.5 | 78.0 | 83.1 | 76.7 | 82.7 | 79.4 | 84.2 | 80.7 |
| September | 46.0 | 77.1 | 48.9 | 75. 1 | 50.0 | 86.9 | 71.0 | 70.4 | 81.8 | 92.2 | 79.1 | 83.7 | 82.1 | 83.0 | 81.1 |
| October--- | 58.8 | 74.3 | 51.6 | 74.7 | 50.0 | 87.4 | 71.1 | 70.0 | 83.8 | 97.1 | 80.3 | 85.7 | 80.4 | 81.9 | 81.6 |
| November. | 46.6 57.3 53 | 76.1 79.1 | 52.6 53 58 | 73.0 71.9 | 46.7 43.1 | 87.6 86.8 | 71. 7 | 69.8 69.6 | 84.8 9.9 9.9 | 101.6 131.7 | 80.1 | 86.4 86.8 8.8 | $\begin{array}{r}76.3 \\ 78.4 \\ \\ \hline 1\end{array}$ | 81.3 <br> 81.1 | 81.5 |
| December-....- | 57.3 | 79.1 | 53. 5 | 71.9 | 43.1 | 86.8 84.8 | 70.5 | 69.6 | 92.9 | 131.7 | 82.7 | 86.8 | 73.4 | 81.1 | 80.8 |
| Monthly average... | 53.2 | 76.7 | 47.3 | 74.9 | 48.0 | 84.8 | 71.2 | 70.1 | 82.3 | 94.2 | 70.1 | 84.0 | 77. 5 | 81.5 | 81.0 |

For footnotes see pp. 160, 161.
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| Year and Monti |  |  | FEDERAL AND STATE |  |  | FEDERAL CI－ <br> VILIAN EM－ <br> PLOYEES |  | RAILWAY EM－ |  |  | TRADE－UNION MEMBEIS EMPLOYED ${ }^{\text {／}}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Eq |  |  | $\dot{8}$ | $\begin{aligned} & \underline{g_{2}^{2}} \\ & \$ \times \end{aligned}$ | Index ploy | of em－ ent ${ }^{6}$ |  |  |  | $\begin{aligned} & \text { 苞 } \\ & \underset{\substack{E \\ E}}{ } \end{aligned}$ | $\begin{aligned} & \text { 品 } \\ & \text { 吕 } \\ & \text { B } \end{aligned}$ |  |
|  |  |  | $\begin{aligned} & \text { ज़ } \\ & \text { に } \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | $\left\lvert\, \begin{gathered} \text { Mo. av. } \\ 1926= \\ 100 \end{gathered}\right.$ | Number |  |  |  |  |  | Thou－ sands | Monthly aver－$\begin{aligned} & \text { age, } 1923-25= \\ & 100 \end{aligned}$ |  | Percent of total |  |  |  |  |  |
| 1913 monthly av |  |  |  |  |  | 443， 605 ｜｜c．．．．．．． |  |  |  |  |  |  |  |  |  |  |
| 1914 monthly av－ |  |  |  |  |  | 461，995 |  |  |  |  |  |  |  |  |  |  |
| 1916 monthly av－ |  |  |  |  |  | 438， 057 | 39，442 |  |  |  |  |  |  |  |  |  |
| 1917 monthly av－－ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1918 monthly av． |  |  |  |  |  | 10917，760 | 10117，760 |  |  |  |  |  |  |  |  |  |
| 1919 monthly av．．．－ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1920 monthly av．．．． |  |  |  |  |  | $\begin{array}{r} 10691,116 \\ 562.252 \end{array}$ | $\left\lvert\, \begin{array}{r} 1090,559 \\ 78,865 \end{array}\right.$ |  |  |  |  |  |  |  |  |  |
| 1921 monthly av－．．－ |  |  |  |  |  | $\begin{aligned} & 562,252 \\ & 527,517 \end{aligned}$ | $\begin{aligned} & 78,865 \\ & 69,980 \\ & \hline \end{aligned}$ | 18 1,678 1,630 |  |  |  |  |  |  |  |  |
| 1922 monthly av．．．． 1923 monthly av．．．． | 86.6 | ${ }^{124}$ |  |  |  | 527， 517 | 69,980 66,290 | 1,630 1,863 | 104.0 |  |  |  |  |  |  |  |
| 1924 monthly avo－－－－ | 92.8 | 110 |  |  |  | 521， 641 | 64， 120 | 1，761 | 98.2 |  |  |  |  |  |  |  |
| 1925 monthly av．．．．－ | 97.2 | 102 |  |  |  | 11526，926 | 1163，703 | 1，753 | 97.8 |  |  |  |  |  |  |  |
| 1926 monthly av－．．－－ | 100.0 | 113 |  |  |  | 521， 124 | 60， 505 | 1，789 | 99.8 |  |  |  |  |  |  |  |
| 1927 monthly av－－ | 114.3 | 113 |  |  |  | 523， 154 | ${ }^{60,047}$ | 1，744 | 97.3 |  |  |  |  |  |  |  |
| 1928 monthly av－．－－ | 106.8 109.1 | 113 |  |  |  | 539,058 558,764 | 61,500 63,407 | 1,663 1,670 | 92.7 <br> 93.1 <br> 8 |  | 87 88 88 | 73 | 89 89 | ${ }_{96}^{95}$ | 92 |  |
| 1929 monthly av．．．． | 109.1 85.1 | 114 |  |  |  | 558， 764 | 63,407 68,232 71,104 | 1,670 1,494 | 93． 8 83 |  | 88 79 | 76 60 | 880 | 96 93 | 92 |  |
| 1931 monthly av．．．．－ | 54.9 | 1.03 | 288， 273 | 183，177 | 105， 095 | 584， 155 | 71， 104 | 1，263 | 70.6 |  | 74 | 48 | 70 | 87 | 83 | 55 |
| $1932$ | 31． 9 | 74 | 229， 189 |  | 141， 081 | 579， 205 |  |  |  |  |  |  |  |  |  |  |
| February． | 28.4 | 71 | 218， 218 | 80， 280 | 137， 938 | 579， 342 | 69， 260 | 1，079 | 60.2 | 62.6 | 69 | 37 | ${ }_{63}^{66}$ | 82 | 79 <br> 81 <br> 8 | 49 |
| March． | 26.7 | 77 | 211，549 | 78，707 | 132， 842 | 580， 274 | 69，069 | 1，082 | 60.5 | 62.2 | 70 | 37 | 63 | 83 | 82 | 50 |
| April．． | 31.0 | 83 | 245， 843 | 104， 261 | 141，582 | 581， 161 | 69， 454 | 1，073 | 59.9 | 60.4 | 69 | 35 | 61 | 82 | 82 | 48 |
| May | 33.3 | 93 | 259， 615 | 129， 842 | 129， 773 | 582， 481 | 69，375 | 1，068 | 59.6 | 58.9 | 69 | 39 | 61 | 82 | 80 | 47 |
| Junc． | 36.3 | 96 | 280， 636 | 151， 617 | 129， 019 | 583， 196 | 68， 783 | 1，034 ${ }^{\circ}$ | 57.7 | 56.6 | 68 | 38 | 58 | 82 | 79 | 47 |
| July－．－ | 37.8 | 109 | 305， 372 | 175， 254 | 130， 118 | 576,740 57988 | 67， 552 | 1，009 | 56.3 <br> 54 <br> 8 |  | 68 67 | 36 36 | 55 55 |  | 77 78 | 45 |
| August－－ | 37.8 <br> 40.8 | 101 | 333,403 374,405 | 182， 201 | 151， 202 | 579,836 579,622 | 67，259 | 983 997 | $\begin{array}{r}54.9 \\ 55.7 \\ \hline\end{array}$ | 53.6 54.6 | 67 68 | 36 <br> 35 | 55 <br> 54 | 78 80 | 78 80 | 46 46 |
| October．． | 35.7 | 109 | 373， 246 | 214， 427 | 158， 819 | 577，504 | 68， 974 | 1，020 | 56.9 | 55.4 | 69 | 35 | 54 | 80 | 82 | 47 |
| Noromber． | 30.4 | 89 | 371， 667 | 210，939 | ${ }^{160}{ }^{1698}$ | 575,600 568,347 | 68， 388 | 1，000 | 55.8 54 | 55．4 | 68 | 31 | 5 | 81 80 | 81 | 45 |
| December．． | 24.8 | 77 | 290， 465 | 150， 479 | 139， 886 | 568， 347 | 66， 304 | 881 | 54.7 | 56.1 | 66 | 31 | 54 | 80 | 79 | 44 |
| Monthly average．．．． $1933$ | 32.9 | 90 | 291， 134 | 148， 788 | 142， 351 | 578， 609 | 68， 101 | 1，095 | 57.8 |  | 68 | 36 | 58 | 81 | 80 | 47 |
| January．．． | 23.9 | 72 | 266， 443 | 115， 404 | 151， 039 | 567， 692 | 66， 800 | 947 | 53.0 | 55.3 | 65 | 30 | 53 | 80 | 78 |  |
| February | 21.3 | 74 | 255， 256 | 114， 567 | 140， 689 | 568， 200 | 66， 802 | 943 | 52.7 | 54.8 | 60 | 29 | 50 | 78 | 79 | 46 |
| March．．． | 20.1 | 69 | 279， 213 | 133， 595 | 145，618 | 571， 787 | 67， 557 | 921 | 51.5 | 53.0 | 60 | 28 | 51 | 78 | 78 | 44 |
| April． | 22.1 | 79 | 299， 882 | 162，816 | 137， 066 | 574， 815 | 67， 063 | 927 | 51.8 | 52.2 | ${ }_{6}^{67}$ | 29 | ${ }_{5}^{51}$ | 78 | 80 | 46 |
| Mune． | 24.0 26.9 | 86 96 | 330,138 359,605 | 187， 371 | 142， 767 | 583， 679 572,091 | 66， 560 65,43 | 940 960 | 52,5 53.6 | 51.9 52.4 | 67 69 | 32 <br> 34 | 54 65 65 | 77 | 78 79 | 47 48 |
| July ．－． | 26.8 | 101 | 332， 277 | 190，633 | 141，644 | 559， 498 | 65， 981 | 993 | 55.4 | 54.0 | 69 | 33 | 55 | 77 | 80 | 48 |
| August | 29.1 |  | ${ }^{329,813}$ | 171， 576 | 158， 237 | 561，666 | 67， 785 | 1，019 | 56.8 | 55．4 | 68 | 34 <br> 37 | 58 | 78 | 81 | 49 |
| Septombe | 28.3 28.1 | 105 | 337,973 384,029 | 177， 413 | 160,560 171,302 | 574， 707 593,836 | 69， 909 71,547 | 1，035 | 57.7 57.4 | 56.6 <br> 55.8 | 71 73 | 37 <br> 38 | 61 64 | 78 79 | 78 84 | 51 52 |
| November． | 29.1 |  | 420，069 | 249， 239 | 170，830 | 605， 717 | 74， 197 | 1，002 | 55.8 | 55.4 | 72 | 37 | 64 | 80 | 82 | 50 |
| Decomber．． | 27.3 |  | 362， 031 | 221， 168 | 140， 863 | 607， 936 | 76， 558 | 970 | 54.0 | 55.4 | 71 | 38 | 64 | 81 | 80 | 49 |
| Monthly average．－－－ | 25.6 | ${ }^{8} 85$ | 329， 727 | 178， 598 | 151， 130 | 578，469 | 68， 851 | 974 | 54.4 |  | 69 | 39 | 57 | 78 | 80 | 48 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January．．．－－ | ${ }^{23.6}$ | 47 | 315，989 | 179，499 | 136， 400 | 604， 711 | 79， 471 | 970 | 54.1 | 56.4 | 72 | 42 | 65 | 81 | 81 | 40 |
| February | 21.0 | 73 | 306， 090 | 179， 1238 | 126， 965 | 625， 402 | 82， 131 | 980 | 54．6 | 56.8 57 5 | 74 | 45 45 | 66 | 81 | 83 | 52 |
| March．．．． | 20.2 24.5 | 67 80 | 296， 265 | 164， 038 | 132， 227 | 638,764 655,683 | 83,947 86,290 | 1，003 | 55.9 56.9 | 57.5 57.4 | 75 76 | 45 42 4 | 70 72 | 88 | 84 <br> 84 | 53 53 |
| May．． | 31.7 <br> 1 | 80 | 466， 504 | 299， 133 | 167， 371 | 674， 623 | 88， 285 | 1，048 | 58.5 | 57.8 | 76 | 43 | 75 | 83 | 84 | 62 |
| June．． | 38.0 | 92 | 545， 013 | 374， 056 | 170， 957 | 673， 095 | 89， 132 | 1，059 | 69.0 | 57.8 | 75 | 45 | 78 | 83 | 81 | 51 |
| July．． | 30.5 | 102 | 549， 203 | 380， 701 | 168， 502 | 676，693 | 89， 658 |  |  | 57.2 | 72 | 43 | 76 | 83 | 78 | 48 |
| August．．． | 26．6 |  |  | 350， 764 | 180， 270 | 681,954 <br> 689 <br> 1806 | 92,849 94,208 | 1，036 | 57.8 57.3 | 56.4 56.2 | 72 75 | 40 42 | 75 75 | 82 83 | 78 83 | 48 52 |
| Septomber | 26.4 25.1 | 88 | 498,151 450,322 | 309， 745 | 188，${ }^{169}$ ，235 | － $\begin{aligned} & 689,606 \\ & 694,587\end{aligned}$ | 94,208 94,838 | 1，027 | 57.3 66.6 | 56.2 55.1 | 75 76 | 42 44 | 75 73 | 83 83 | 83 84 | 52 53 |
| November． | 24.7 | 80 | 426， 603 | 267， 152 | 159， 451 | 686， 001 | 95， 259 | －982 | 54.8 | 54.4 | 75 | 44 | 73 | 83 | 81 | 49 |
| December－．－ | 26.8 | 60 | 323， 700 | 188， 020 | 134， 680 | 685， 495 | 95， 462 | 985 | 53.8 | 55.2 | 73 | 43 | 74 | 84 | 79 | 48 |
| Monthly average－－－－ | 26.8 | 81 | 421， 179 | 285， 291 | 155，889 | 685， 643 | 89， 294 | 1，019 | 56.5 |  | 74 | 43 | 73 | 82 | 82 | 61 |
| January 1935 |  |  |  |  |  |  |  | 964 | 53.7 | 56.0 |  |  |  |  | 80 |  |
| February． | ${ }_{23}^{23.8}$ | 65 | 221， 406 | 129， 197 | 122， 209 | 694， 540 | 96，771 | ${ }_{973}^{964}$ | 64．2 | 56.4 | 76 | 39 | 75 | 85 | 83 | 54 |
| March ．－．－．－．－－－－－－－－ | 25.1 | 699 | 217， 539 | 109， 390 | 108， 149 | 699， 137 | 98， 653 | 983 | 54.8 | 56.3 | 78 | 41 | 76 | 85 | 85 | 55 |
| April．．．．．．－－－－－－－－－－－ | 31.4 <br> 35.6 | 73 80 | ${ }^{282,740}$ | 147， 256 195,459 | 135， 484 | 710，720 | －101， 178 | 981 1，001 | 54.7 55.8 5 | 55.1 55.2 | 79 79 | 43 46 48 | 77 77 | 86 86 | 86 84 8 | 57 57 |
| June．．． | －35．0 | 90 | 362， 339 | 224， 086 | 138， 253 | 719， 440 | 103， 453 | 1，019 | 56.8 | 55.6 | 77 | 49 | 77 | 86 | 81 | 54 |
| July | 32.8 | 100 | $375,442$ | $226,867$ | 148， 575 | 729， 769 | 104， 498 | 1，023 | 57.0 |  | 73 | 49 | 77 |  | 78 81 |  |
| August | 34.2 <br> 35.4 | 103 98 | 382，846 | 218， 888 | 163， 960 | 770， 128 | 105， 679 <br> 108，952 | 1，015 | 56.6 56.5 | 55.2 55.4 65 | 77 80 | 52 55 | 78 80 | 85 85 | 81 84 | 54 59 |
| October | 35.4 37.2 | 98 | 340，073 | 183， 176， 050 | 156， 187 <br> 147 | 794， 467 | 108,952 110,09 | 1，013 | 56.5 56.9 | 55． <br> 55 <br> 55.4 | 80 80 | 55 63 | 88 | 85 86 | 88 | 59 59 |
| November． | 34.9 |  | 290， 523 | 151， 385 | 139， 138 | 800，079 | 110，745 | 1，001 | 55.8 | 55.4 | 80 | 54 | 81 | 87 | 84 | 58 |
| December－．．－－ | 30.8 | 85 | 252， 229 | 130， 539 | 121，690 | 815， 789 | 111，692 | ${ }^{1} 987$ | 55.0 | 56.5 | 77 | 52 | 82 | 86 | 81 | 55 |
| Monthly average．．．． | 31.6 | ${ }^{0} 76$ | 301， 660 | 165， 261 | 198， 399 | 744， 185 | 104， 148 | 999 | 55.7 |  | 77 | 48 | 78 | 85 | 89 | 55 |

EMPLOYMENT CONDITIONS AND WAGES-LABOR CONDITIONS


For footnotes see p. 161

EMPLOYMENT CONDITIONS AND WAGES—FACTORY PAY ROLLS ${ }^{1}$

| Year and Monti | DEPARTMENT OF LABOR INDEXES WITHOUT ADJUSTMENT FOR SEASONAL VARIATION |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Durable goods group |  |  |  |  |  |  |  |  |  |  |  |  | Metals, nonferrous, and their products |  |  |  |
|  |  |  | Iron and steel and their products |  |  |  | Lumber and allied products |  |  |  | Machinery, not including transportation equipment |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Radios and pho- nographs |  |  |  |  |
|  | Montbly average, 1923-25=100 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1919 monthly average. | 98.3 |  | 97.1 |  |  |  | 89.8 | 69.0 |  |  | 103.3 |  |  |  |  |  |  |  |  |
| 1920 monthly average | 118.2 |  | 123.8 |  |  |  | 110.4 | 90.9 |  |  | 134.8 |  |  |  |  |  |  |  |  |
| 1921 monthly average | 76.9 |  | 57.0 |  |  |  | 69.7 | 69.2 |  |  | 69.6 |  |  |  |  |  |  |  |  |
| 1922 monthly average | 81.6 |  | 70.6 |  |  |  | 82.3 | 82.4 |  |  | 72.2 |  |  |  |  |  |  |  |  |
| 1923 monthly average. 1924 monthly average. | 103.3 96.0 | $\left\lvert\, \begin{gathered} 10.1 \\ 95.7 \end{gathered}\right.$ | 103.2 96.7 | 104.5 96.5 | 104.0 96.6 | $\begin{aligned} & 97.7 \\ & 100.0 \end{aligned}$ | 100.0 <br> 98.5 | 96.9 96.4 | $\begin{aligned} & 95.6 \\ & 99.3 \end{aligned}$ | 102.5 98.2 | $\xrightarrow{\text { 104. }} \mathbf{9}$ | 109.9 88.7 | 100.1 99.2 | 106.7 93.6 | 88.1 <br> 107.5 | 103.7 <br> 45.9 | 100.2 100.0 | $\begin{array}{r}101.3 \\ 95.6 \\ \hline\end{array}$ | 111.2 92.8 |
| 1925 monthly averag3. | 100.7 | 100.2 | 100.1 | 99.0 | 99.4 | 102.3 | 101.5 | 106.7 | 105.1 | 98.3 | 101.0 | 101.4 | 100.7 | 99.7 | 104.4 | 100.4 | 90.8 | 103.1 | 96.0 |
| 1926 monthly average | 103.7 | 103.8 | 105.0 | 103.0 | 109.9 |  | 102.4 | 113.4 | 103.3 | 96. 6 | 111. 1 | 119.1 |  | 107.4 |  |  |  | 107.4 | 98.3 |
| 1927 monthly averace. | 101.7 | 97.8 | 98.6 | 93.7 | 103.8 | 104.2 | 96.6 | 111.8 | 90.5 | 89.0 | 106.2 | 125.9 |  | 99.9 |  | 100.5 | 105.5 | 114.7 | 95.7 |
| 1923 monthly averag3. | 102.4 | 100.4 | 100.4 | 100.6 | 111.0 |  | 94. 1 | 107.5 | 86. 1 | 87.2 | 111. 3 | 152.4 |  | 102.6 |  |  |  | 115. 6 | 108.0 |
| 1920 monthly average. | 109. 1 | 108.8 | 107.8 | 109.6 | 112.8 | 113.6 | 97.3 | 114.0 | 83.5 | 90.7 | 134.3 | 180.0 | 134.4 | 117.9 | 202.0 | 116.4 | 150.0 | 128.3 | 125.9 |
| 1930 monthly average | ${ }^{88.5} 4$ | 83.0 58 | ${ }^{85 .} 7$ | 87.7 | 94.2 |  | 72.5 | ${ }^{80.7}$ | 61.1 | ${ }^{67.6}$ | 102. 7 | 106. 9 | 109.3 68 | 89.0 55.4 | $\xrightarrow{139.8}$18.8 |  |  | 88.7 60.3 | 104.9 76.8 |
| 1931 monthly averare | 67.4 | 56.3 | 55.0 | 53.6 | 61.5 | 83.3 | 46. 2 | 59.2 | 42.0 | 33.6 | 64. 2 | 51.9 | 68.7 | 55.4 | 96.5 | ${ }^{63}$ | 81.3 | 60.3 | 76. K |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February | 54.8 | 42.3 40 | 37.9 <br> 36.4 | 34.6 33.4 | 39.0 36 | ${ }_{67}^{65.8}$ | 30.0 <br> 28 | 44.4 | 26.2 | 17.7 178 | 47.9 | 50.4 <br> 478 | 518.5 | 40.3 38 3 | 68.7 56.4 5 | ${ }_{46.1}^{49.1}$ | 58. ${ }^{58}$ | 48.0 44.8 | ${ }^{61.6}$ |
| April | 49.4 | 38.1 | 33.4 | 30.4 | 34.3 | 6 B .5 | 27.3 | 36.1 | 22.9 | 18.2 | 41.7 | 38.7 | 45.1 | 35.8 | 50.9 | 42.9 | 48. 4 | 40.7 | 61. 2 |
| May. | 46.8 | 37.1 | 31.9 | 29.5 | 32.0 | 63.0 | 26.1 | 31.5 | 22.8 | 18.6 | 35.9 | 29.8 | 41.7 | 34.0 | 59.0 | 39.2 | 42. 1. | 37.8 | 58.5 |
| June. | 43.5 | 33.6 | 28.5 | 25.0 | 28.1 | 67.4 | 25.0 | 29.0 | 21.1 | 18.5 | 35.5 | 19.7 | 38.8 | 30.8 | 59.8 | 37.2 | 38.6 | 35.8 | 55.3 |
| July. | 40.2 | 30.2 | 24.7 | 21.6 | 25.9 | 62.3 | 23.0 | 25.0 | 19.6 | 17.8 | 32.0 | 15.5 | 35.6 | 27.6 | 52.6 | 32.1 | 36.0 | 33.9 | 48.0 |
| August | 41.0 | 23.8 | 24.9 | 21.7 | 25.8 | 64.7 | 23.9 | 23.5 | 18.6 | 17.9 | 30.4 | 17.3 | 32.7 | 26.1 | 49.2 | 33.8 | 38. 9 | 33.4 | 49.7 |
| Soptembor | 43.5 | 23.8 | 26.4 | 22.8 | 24.3 | 75.0 | 25.9 | 33.6 | 13.7 | 18.8 | 31.1 | 15.3 | 32.5 | ${ }^{26.6}$ | 60.7 | 37.4 | 42.7 | 35.4 |  |
| October- | 45.3 43.5 | 30.8 30.8 3 | 28.9 28.2 | 25.7 25.9 | 23.9 23 23 | 67.7 59.1 | 28.0 26.4 | 37.6 33.3 | 18.7 | 20.0 19.6 | 32.3 32.0 | 13.9 15.8 | 32.6 32.4 | 28.0 27.8 | ${ }_{63.4}^{68.1}$ | 40.8 40.1 | 48.3 50.3 | 37.9 37.8 | 57.6 57.2 |
| Decembe | 42.3 | 30.4 | 26.5 | 25.0 | 21.8 | 60.1 | 24.5 | 31.2 | 16.8 | 18.3 | 32. 3 | 18.9 | 32.7 | 28.2 | 54.8 | 37.4 | 48.3 | 36.5 | 52.5 |
| Monthly average | 46.4 | 34. 4 | 30.4 | 27.4 | 29.8 | 65.8 | 26.6 | 34.6 | 21.4 | 18.4 | 37.3 | 26.9 | 39.7 | 31.8 | 60.5 | 40.3 | 46.7 | 39.1 | 58.6 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 40.1 | 23.6 | 25.0 | 24.9 | 18. 1 | 55.9 | ${ }_{21} 21$ | 25.7 | 14.8 | 17.4 | 30.2 | 20.0 | 31.3 | 25.6 | 43.9 | 33.6 | 47. 6 | 34.3 | 48.7 |
| Fobruary | 41.0 | ${ }_{21}^{28.8}$ | 25.9 | 27.2 | 16.7 | 55.8 | 22.2 | 27.5 | 14.3 | 17.3 | 30.9 | 23.5 | 31.3 |  |  | 34.1 | 50.2 | 33.9 | 55.5 |
| March | 37.9 30.8 | 26.7 23.1 | 25.0 27.0 | $\begin{array}{r}25.3 \\ 27.5 \\ \hline\end{array}$ | 16.5 17.8 | 53.6 57.8 | 20.1 | 21.7 24.0 | 12.4 | 17.3 18.3 | 23.6 29.4 | 18.9 17.6 | 30.4 31.6 | 24.2 24.5 | 43.9 | 31.4 33.0 | 40.8 48.9 | 31.9 <br> 34.5 | 51.2 50.9 |
| May | 43.7 | 32.3 | 32.3 | 33.0 | 19.2 | 63.9 | 24.7 | 23.4 | 16.6 | 20.0 | 33.4 | 16.9 | 34.6 | 2 S .6 | 66.7 | 37.8 | 54.4 | 42.5 | 61.5 |
| June. | 48.1 | 36.2 | 38.8 | 40.2 | 20.3 | 70.7 | 29.0 | 33.6 | 19.2 | 23.3 | 38.3 | 21.4 | 38.0 | 33.4 | 70.4 | 42.4 | 60.1 | 49.7 | 67.2 |
| July. | 51.7 | 39.4 | 44.0 | 46.8 | 21.5 | 74.4 | 31.8 | 35.6 | 21.8 | 25.9 | 41.7 | 21.3 | 41.4 | 37.5 | 57.5 | 45.5 | 62.8 | 55.9 | 69.6 |
| August | 57.7 | 45. 2 | 52.6 | 58. 5 | 27.2 | 77.6 | 36.4 | 43.5 | 22.9 | 29.0 | 46.2 | 25.3 | 43.1 | 42.1 | 79.4 | 50.7 | 68.9 | 60.0 | 77.9 |
| Septemb | 60.6 | 46.7 | 53. 5 | 53.3 | 31.2 | 78.7 | 41.2 | 52.4 | 23.2 | 32.1 | 49.3 | ${ }^{29.9}$ | 45.3 | 43.5 | 99.9 | 54.0 | ${ }^{69.2}$ | ${ }_{61}^{61.1}$ | 78.3 |
| October. | 60.4 56 5 | $4{ }^{46,8}$ | 50.4 | 53.4 | 33.4 | 72.4 | 41.8 | 54.6 44 | 22.6 | 32. 2 | 52.8 | 35.7 | 47.1 | 45.5 | 138.9 | 56.0 | 71.9 | 5 | 80.9 78.0 |
| November | 56.5 55.5 | 43.9 43.7 | 45.9 46.3 | 47.6 48.4 | 32.9 31.7 | 71.5 | 37.5 34.9 | 44.6 38.7 | 21.2 | 30.7 28.9 | 53.0 51.8 | 41.9 <br> 48.1 | 46.9 45.4 | 44.1 43.5 | 149.6 | 54.7 52.5 | 69, 68.2 | 56.15 56.1 | 78.0 75.4 |
| Monthly average. | 49.4 | 37.2 | 38.0 | 40.5 | 23.8 | 67. 8 | 30.3 | 35.9 | 18.7 | 24.4 | 40.6 | 28.7 | 38.9 | 34.9 | 81.4 | 43.8 | 60.1 | 48.0 | 66.7 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 54.6 | 42.8 | 43.8 | 46.4 | 29.6 | 68.3 | 30. 5 | 34.9 | 18.9 | 25.1 | 50.3 | 52.4 | 43.6 | 43.5 | 93.1 | 49.3 | 59.3 | 55.3 | 70. 4 |
| February | 61.3 | 48.9 | 48.7 | 51, 9 | 31. 1 | 67.7 | 34.1 | 40. 1 | 20.8 | 27.6 | 54. 6 | 60.9 | 46.7 | 47.8 | 91.6 | 54. 7 | 71.2 | 58.8 | 82.0 |
| March | 65.6 | 53.8 | 54.6 | 58.8 | 32.5 | ${ }^{76.6}$ | 36. ${ }^{30}$ | 40.7 | 22.3 | 29.9 | 58.7 | ${ }^{62.9}$ | 50.0 | 52.6 | 97.6 | 49.7 | 74.8 | 64.5 | 183.9 |
| April. | 68.1 | 58.6 | 60.7 | 66.9 | 34.9 | 80.9 | 37.8 | 30.9 | 23.6 | 32.5 | ${ }_{65}^{63} 5$ | 75.3 | 54.5 | 57.3 | 103.8 | ${ }^{0.2} 8$ | 78.1 | 68. | 10.8 |
| Maye. | ${ }_{668.0}^{68.1}$ | 60.0 58.6 | 65.5 66.9 | 74.4 77.6 | 38.5 39.6 | 83.5 90.4 | 39.6 | 40.1 40.8 | 24.3 23.1 | 35.0 33 | 65.5 65.1 | 70.1 61.2 | 56.9 59.1 | 59.8 58.5 | 113.3 | 63.8 61.0 | 74.0 65.9 | 71.1 66.9 | 103.5 09.2 |
| July. | 61.3 | 51.3 | 50.5 | 53.9 | 37.6 | 90.8 | 35.7 | 38.9 | 22.2 | 30.2 | 61.8 | 56.5 | 56.8 | 53.8 | 113.0 | 56.2 | 51.9 | 62.3 | 00.4 |
| August | 63.2 | 51.2 | 48. 1 | 49.5 | 38.7 | 89.9 | 37.9 | 42.3 | 22.2 | 31.9 | 61.6 | 54.9 | 57.3 | 53.0 | 122.4 | 55.6 | 48.0 | 68. 6 | 87.6 |
| Soptomb | 59.1 | 46. 9 | 43. 2 | 42.0 | 37.5 | 92.4 | 33.3 | 44. 2 | 20.9 | 32.2 | 58.8 | 53.7 | 54.8 | 49.2 | 126.7 | 56.4 | 55.1 | 55.8 | 82.6 |
| October. | 62.1 | 48.0 | 45. 0 | 44.1 | 37.8 | 79.3 | 39.8 | 46.7 | 23.1 | 32.7 | 60.3 | 59.8 | 56.2 | 50.1 | 137.0 | 60.2 | 68.2 | 56.7 | 87.1 |
| November | 60.6 64.1 | 47.6 51.7 | 46.6 50.4 | 46.9 52.3 | 38.2 36.3 | 76.3 76.5 | 37.8 | 44. 45 | ${ }_{23.6}^{23.0}$ | 30.8 28.8 | 60.4 63.8 | 68.9 73.4 | 57.0 59.5 | 49.1 | 131.0 | 61.7 64.7 | 71.8 | 58.7 63.7 | 89.0 97.8 |
| Monthly average | 62.8 | 51.6 | 62.0 | 35. 4 | 36.0 | 81.1 | 36.9 | 41.5 | 22.3 | 30.0 | 60.4 | 62.5 | 54.4 | 52.3 | 114.0 | 58.8 | 66.3 | 61.7 | 90.3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fobruary | 69.9 | 59. 8 | 63.0 | 71.8 | 34.9 | 74.3 | 38.9 | 46.6 | 24.3 | 30.8 | 67.8 | 81.2 | 62.7 | 55.7 | ${ }^{99.1}$ | 67.1 | 77.9 | 72.4 | 107.4 |
| April. | 71.6 | 61.8 63.0 | 63.2 03.1 | 71.2 70.1 | 35.9 36.9 | 8 | 40.8 42.1 | 48.2 48 | ${ }_{26.6}^{24.7}$ | 32.4 34.2 | ${ }^{71.5}$ | 87.5 | 65.2 68.6 | 60.6 61.1 | 102.9 | 68.9 68.3 | 81. 8 | 73.4 | 111.0 |
| May | 69.3 | 61.3 | 62.0 | 68.8 | 37.9 | 83.6 | 38.3 | 46.6 | 27.9 | 29.0 | 71.8 | 88.9 | 66.4 | 61.0 | 98.7 | 66. 9 | 79.3 | 70.4 | 105.0 |
| June. | 67.3 | 58.9 | 50.1 | 63.9 | 37.7 | 90.1 | 40.0 | 48.0 | 30.2 | 30.2 | 70.7 | 102.6 | 64.0 | 59.2 | 96.7 | 65.9 | 75.3 | 68.7 | 97.8 |
| July. | 66.4 | 57.1 | 65.7 | 59.0 | 39.1 | 93.9 | 42.7 | 47.9 | 32.8 | 33.7 | 71.1 | 108.7 | 62.4 | 59.7 | 108.0 | 62.7 | 68.0 | 65.8 | 93.2 |
| August--- | 70.9 | 60.8 62 | ${ }_{66.6}^{63.1}$ | 69.3 | 40.7 | 99.5 | 49.9 | 55. 4 | 36.2 | 40.3 | 75.1 | 110.6 | 65.9 708 | 63.2 | 128.0 | (67.9 | 76.7 81.1 | 70.0 | 103.8 |
| Oeptomber... | 73.5 | 62.7 68.2 | 66.6 69.5 | 72.3 <br> 74.4 | 42.3 42.6 | ${ }_{96.3}^{101.5}$ | 53.3 54 | 59.6 62.4 | 39.1 40.2 | 42.5 | 79.1 82.7 | 110.0 109.5 | 70.8 74.4 | 65.5 68.0 | $1{ }^{159.0}$ | -74.3 <br> 82.1 <br> 8.1 | 81.1 88.6 | 75.3 83.0 | 13.2 126.0 |
| November | 75.5 | 69.6 | 69.1 | 74.7 | 41.4 | 87.9 | 50.1 | 58.7 | 38.0 | 38.3 | 83.0 | 116. 6 | 73.7 | 68.8 | 171.9 | 82.3 | 89.8 | 83.5 | 127.3 |
| December. | 77.4 | 71.2 | 73.1 | 81.0 | 41.7 | 87.9 | 49.0 | 57.8 | 37.4 | 37.4 | 84.9 | 124.8 | 74.3 | 72.1 | 137.4 | 83.0 | 80.4 | 84.0 | 129. 0 |
| Monthly a verage. | 71.2 | 62.3 | ${ }^{63} 6$ | 69.8 | 39.0 | 87.9 | 44.6 | 52.0 | 31.6 | 34.9 | 74.4 | 100.9 | 67.2 | 62.7 | 124.4 | 70.9 | 79.6 | 73.9 | 110.3 |

For footnotes see p. 161

EMPLOYMENT CONDITIONS AND WAGES—FACTORY PAY ROLLS ${ }^{1}$ —Continued

| Year and Monte | DEPARTMENT OF LABOR INDEXES WITHOUT ADJUSTMENT FOR SEASONAL VARIATION |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Durable goods group |  |  |  |  |  |  |  |  |  |  | Nondurable goods group |  |  |  |  |  |  |
|  | Railroad repair shops |  |  | Stone, clay, and glass products |  |  |  | Transportation equipment |  |  |  |  | Chemicals and allied products |  |  |  |  |  |
|  |  |  |  |  |  | $\begin{aligned} & \stackrel{\rightharpoonup}{E} \\ & \underset{E}{E} \\ & \stackrel{U}{0} \end{aligned}$ | $\begin{aligned} & \text { 薸 } \end{aligned}$ | $\begin{aligned} & \text { ex } \\ & \text { ex } \\ & \text { en } \\ & 0 \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |
|  | Monthly average, 1923-25=100 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1919 monthly a |  |  |  | 72.1 |  | 62.5 | 100.8 |  | 74.8 |  |  |  |  |  |  |  |  |  |
| 1920 monthly average. |  |  |  | 92.8 |  | 91.7 | 128.5 |  | 90.3 |  |  |  |  |  |  |  |  |  |
| 1921 monthly average |  |  |  | 66. 5 |  | 65. 2 | 78.7 |  | 48.7 |  |  |  |  |  |  |  |  |  |
| 1922 monthly average. |  |  |  | 72.6 |  | 83.9 | 84.7 |  | 65.7 |  |  |  |  |  |  |  |  |  |
| 1923 monthly average. 1924 monthly average. | 109.6 <br> 95.6 | 101.5 98.8 | 110.2 95.5 | 98. 100.5 | 98.1 101.1 | 94. 6 | 103.4 96.9 | 107.7 90.8 | 100.6 90.6 | 128.7 94.3 | 112.8 94.9 | 102.4 96.2 | 102.2 96.4 | 101.8 98.1 | 91.8 97.5 | 91.6 99.8 | 102.3 94.6 | 91.3 95.5 |
| 1925 monthly average | 94.8 | 99.7 | 94.3 | 101.2 | 100.8 | 102.5 | 99.7 | 101.5 | 108.8 | 77.0 | 92.3 | 101.4 | 101.4 | 100.1 | 110.7 | 108.6 | 103.1 | 113.2 |
| 1926 monthly average. | 96.1 | 100.4 | 95.7 | 104.2 | 101.8 | 100.9 | 103.9 | 99.5 | 104.8 | 70.9 | 100. 9 | 103.6 | 108.7 |  | 113.4 |  | 112.7 |  |
| 1927 monthly averafe- | 92.0 | 99.8 | ${ }^{91.4}$ | ${ }^{100.5}$ | 8 | 101.1 | ${ }_{94}^{93.6}$ | ${ }_{1018}^{89} 8$ | ${ }^{93.3}$ | 60.4 48 4 | 108.3 | 106.4 | 107.8 |  | 119.2 | 123.3 | 111.9 | 141.2 |
| 1928 monthly average | 87.2 90.4 | 97.9 97.2 | 86.3 89.8 | 96.2 03.7 | 87.5 84.7 | 96.9 92.9 | 94.5 100.9 | 101. 6 | 113.9 111.6 | 48.2 63.1 | 85.0 109.7 | 104.9 <br> 109.4 | 108.0 120.9 | 120.0 | 113.1 | 129.6 | 108.3 129.2 | 220.2 |
| 1930 monthly average. | 76.1 | 93.0 | 74.8 | 76.9 | 62.2 | 83.4 | 82.9 | 70.2 | 65. 7 | 53.2 | 113.5 | 95.5 | 112.2 | 103.5 | 116.3 |  | 130.4 | 214.1 |
| 1931 monthly average.. | 61.7 | 80.2 | 60.4 | 53.9 | 35. 2 | 56.9 | 66.5 | 52:3 | 53.4 | 25.4 | 76.8 | 81.5 | 92.0 | 84.2 | 105. 3 | 90.3 | 105.8 | 188.4 |
| January 193 | 48.1 | 73.2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 46.3 | 33.2 | 16. 9 | $\begin{aligned} & 32.7 \\ & 33.0 \end{aligned}$ | $\begin{aligned} & 48.4 \\ & 55.0 \end{aligned}$ | $\begin{aligned} & 47.7 \\ & 51.7 \end{aligned}$ | $50.4$ | 18.4 24.7 |  |  |  |  |  | 75.2 | 93.7 | 165.6 |
| February | ${ }_{46.3}^{46.1}$ | 70.8 71.4 | 44.4 44.6 | 35.1 34.7 | 16.1 15.5 | $\begin{aligned} & 33.0 \\ & 32.2 \end{aligned}$ | $\begin{gathered} 55.0 \\ 52 \end{gathered}$ | 51.7 <br> 46.8 | $55.0$ $48.6$ | 24.7 26.5 | 64.8 61.7 | 70.7 69.4 | 79.7 78.5 | 70.7 71.0 | 93.5 92.2 | 77.0 78.2 | 93.1 90.8 | 176.2 172.6 |
| April. | 46.6 | 70.2 | 45.0 | 34.7 | 16.5 | 31.8 | 53.0 | 44.0 | 44.6 4.6 | 24.9 | 67.2 | 63.9 | 76.8 | 68.3 | 86.5 | 76.2 | 89.0 | 163.4 |
| May. | 46.5 | 67.9 | 45.0 | 32.5 | 17.3 | 32.1 | 49.5 | 47.5 | 50.8 | 22.4 | 58.7 | 59.1 | 74.2 | 66.1 | 85.6 | 78.4 | 90.8 | 145.1 |
| June. | 41.1 | 66.2 | 39.4 | 29.1 | 15.5 | 30.9 | 40.3 | 42.1 | 44.6 | 18.9 | 55.8 | 56.1 | 69.0 | 62. 3 | 82.7 | 75. 9 | 90.7 | 1094! 6 |
| July | 36. 6 | 62, 0 | 34, 8 | 23.9 | 15. 0 | 23.3 | 39.6 | 39. 3 | ${ }^{41.2}$ | 18.9 | 54.0 | 52.8 | 64.7 | 59.4 | 75. 6 | ${ }^{66.1}$ | 87.2 | 96.2 |
| August | ${ }^{35.1}$ | 59. 3 | 33.4 | 27.6 | 15.7 | 27.8 | 38. 3 | 30.7 | 31.0 | 18.0 | 45. 0 | 56.4 | 64.3 | 59.6 | 77.7 | 61.5 | $8{ }^{86.5}$ | 101. 0 |
| November | 41.7 | 57.0 | 40.7 | ${ }_{28.6}$ | 11.9 | 28.1 | 42.1 | 26. 7 | 26.2 | 18.3 | $4{ }_{41.7}$ | 69.5 | 69.1 | 63.1 | 85.4 | 66.3 | 81.1 | 160.5 |
| December | 41.4 | 59.2 | 40.2 | 26.7 | 12.4 | 21.8 | 40.2 | 30.1 | 30.3 | 17.9 | 44.8 | 57.4 | 68.1 | 61.4 | 84.6 | 64.1 | 81.2 | 164.0 |
| Monthly average | 42.0 | 64.3 | 40.4 | 30.6 | 15. 5 | 29.8 | 45.5 | 37.8 | 38.8 | 20.5 | 54.1 | 61.7 | 71.7 | 64.6 | 85.3 | 71.1 | 87.5 | 148.2 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | $\begin{array}{r} 37.9 \\ 370 \end{array}$ | 57.4 | 36.6 | 23.224.0 | 10.410.5 | 19.719.7 | 38.339.2 | 32.329.0 | 34.530.6 | 14.5 <br> 12.2 <br> 12 | 40.338.5 | 54.656.4 | 68. 68 | 63.4 |  | 62.5 | 88.5 | 165.8163.3 |
| February |  | 57.0 56.6 |  |  |  |  |  |  |  |  |  |  |  |  | $\begin{aligned} & 84.1 \\ & 80 \end{aligned}$ |  |  |  |
| Mpril. | 37.9 <br> 36.7 | 54.0 | $\begin{aligned} & 33.8 \\ & 36.2 \end{aligned}$ | 24.627.6 | 11.012.8 | $\begin{array}{r} 22.5 \\ 25.6 \end{array}$ | $\begin{aligned} & 42.3 \\ & 48.7 \end{aligned}$ | 38.6 | $\begin{aligned} & 30.6 \\ & 38.4 \end{aligned}$ | $\begin{aligned} & 12.8 \\ & 11.9 \end{aligned}$ | 33.235.73 | 54.858.2 | $\begin{aligned} & 67.0 \\ & 69.7 \end{aligned}$ | 61.766.1 | $\begin{aligned} & 76.0 \\ & 77.2 \end{aligned}$ | $\begin{aligned} & 65.0 \\ & 76.0 \end{aligned}$ | 83.7 | 141.7160.7 |
| May. | $\begin{aligned} & 34.9 \\ & 37.4 \\ & 30.5 \end{aligned}$ | 55. 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 85.6 |  |
| June. |  | 54.1 | 35.3 | 32.0 | 15.7 | 29.8 | 55.3 | 36.4 | 41, 1 | 8.2 | 35.9 | 63.3 | 73.4 | 71.7 | 80.9 | 81.4 | 87.2 | 177.0 |
| July | 38.5 | 52.9 | 37.5 | 33.3 | 18.7 | 32.3 | 52.8 | 39.1 | 43.7 | 11.8 | 30.6 | 67.3 | 76.0 | 77.9 | 81.4 | 80.4 | 87.1 | 189.5 |
| August. | 44.5 | 53.4 | 43. 9 | 37.2 | 20.6 | 36. 5 | 58.6 | 44.8 | 49.9 | 17.9 | 43.4 | 73.5 | 80.0 | 84.5 | 87.0 | 79.077.9 | 87.191.7 | 210.0 |
| September | 47.4 | 53.0 | $\begin{aligned} & 43.2 \\ & 47.0 \\ & \hline \end{aligned}$ | 36.7 | 19.7 | $\begin{aligned} & 30.3 \\ & 29.2 \end{aligned}$ | 61.262.5 | $\begin{aligned} & 43.4 \\ & 39.1 \end{aligned}$ | $\begin{array}{\|l} 47.6 \\ 41.2 \end{array}$ | $\begin{aligned} & 16.8 \\ & 17.9 \end{aligned}$ | 49.3 | 78.3 | 83.7 | 84.1 | 91.4 |  |  | 225.4 |
| October- |  | 54.256.2 |  | 36.9 <br> 35.1 | 18.116.816 |  |  |  |  |  | 50.9 50.2 | 77.7 72 7 | 87.6 868 | 89.2 88.6 | 97.0 98.8 | 79.8 | 95.1 | 230.5 |
| November | 44.643.1 |  | $\begin{aligned} & 43.9 \\ & 42.2 \end{aligned}$ |  |  | 27.5 | 62. 0 | 34.8 | 35.4 | 18.1 | 50.2 | 72.4 | 86.8 | 88.6 | 98.8 | 77.5 | 95.5 | 231.1 |
| December |  | 55.8 |  | 34. 4 | 15.9 | 23.6 | 63.4 | 39.6 | 41.2 | 20.9 | 52.8 | 70.4 | 87.0 | 90.1 | 98.9 | 78.0 | 95.1 | 233.1 |
| Monthly average | 40.3 | 55.1 | 39.3 | 30.8 | 15.0 | 26.4 | 52.0 | 35.6 | 38.3 | 14.6 | 42,1 | 64.9 | 78.2 | 76.2 | 88.7 | 73.0 | 88.4 | 180.3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February | 44.1 | 55.4 56.4 | 39.7 43.3 | 33.0 36.5 | 15.3 16.4 | 24.0 | $\begin{aligned} & 64.3 \\ & 72.4 \end{aligned}$ | 47.7 | 52.2 73.7 | 27.2 | 52.4 | 77.1 | 86.7 89.3 | 91.6 | 97.7 | 81.1 | 96.6 | 232.2 |
| March | 47.0 | 58.6 | 46. 2 | 38. 3 | 17.2 | 20.8 | 73.4 | 75. 9 | 87.9 | 29.9 | 56.0 | 80.4 | 91.1 | 92.7 | 98.6 | 87.4 | 97.9 | 230.3 |
| April | 51.3 | 59.2 | 50.8 | 43.0 | 20.5 | 37.8 | 79.5 | 83.1 | 96. 2 | 34. 4 | 57.6 | 80.1 | 94.2 | 99.7 | 98.4 | 94.1 | 97.9 | 233.5 |
| May. | 51.9 | 59.4 | 51, 5 | 44.3 | 22.7 | 44.2 | 74.6 | 79.3 | 89.9 | 37.8 | 64, 1 | 78.3 | 90.6 | 98.2 | 94.2 | 99.7 | 98.6 | 201.8 |
| June.. | 52.0 | 59.6 | 51.5 | 43.7 | 24.2 | 49.3 | 72.3 | 70.5 | 76.8 | 43.6 | 64.3 | 75.4 | 90.7 | 100.0 | 96.1 | 97.8 | 99.0 | 211.0 |
| July - | 49.446.9 | 58.858.858 | 48.846.2 | 40.539.1 | $\begin{aligned} & 21.3 \\ & 21.0 \end{aligned}$ | $\begin{aligned} & 48.3 \\ & 43.7 \end{aligned}$ | 68.467.1 | 59.3 <br> 63.3 <br> 1.3 | $\begin{aligned} & 63.3 \\ & 68.5 \end{aligned}$ | 39.0 <br> 39.3 | 59.460.3 | 74.1 | 91.1 | 100.5 | 91.7 | 89.3 | 101.8 | 220.1 |
| August |  |  |  |  |  |  |  |  |  |  |  | 78.4 | 92.4 | 100.4 | ${ }_{95}^{95} 7$ | 88.3 | 103.4 | 225.0 |
| Septembe | 44.1 | 5 | 43.3 <br> 44 | 38.9 39.6 | 20.2 21.2 | 41.9 40.0 | 66.4 68.3 | 47.3 | 48.6 46.6 | 30.7 <br> 26.4 | 60.9 60.1 | 74.6 80.0 | 92.1 <br> 93.8 | ${ }_{96.1}^{95.8}$ | 98.3 1055 105 | 88.9 88.5 | 102.4 | 227.4 |
| Oetober | ${ }^{42.3}$ | 57.1 57.4 | 44.5 | 39.6 <br> 30.5 | 21.2 20.7 | ${ }_{36.3}$ | 70.9 | 43.9 | - 45.9 | 23.1 | 57.7 | 77.0 | 93. 3 | 94.4 | 103.1 | 89.0 | 103.0 | 244.4 |
| December- | 42.9 | 58.4 | 41.9 | 37.9 | 19.2 | 29.8 | 70.8 | 61.0 | 68. 4 | 24.2 | 59.1 | 79.8 | 94.0 | 93.6 | 100.9 | 88.5 | 104.0 | 253.4 |
| Monthly average | 46.5 | 58.0 | 45.8 | 39. 5 | 20.0 | 37.7 | 70.7 | 61.8 | 88.2 | 31.3 | 58.6 | 77.1 | 91.8 | 98.1 | 98.1 | 89.6 | 100. 3 | 227.3 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 42.3 | 58.0 | 41.3 | 34. 5 | 16. 3 | 26.2 | 68.8 | 71.7 | 82.6 | 24. 4 | 60.1 | 79.3 | 93.9 | 94.5 | 103.1 | 90.0 | 101.3 | 259.0 |
| February | 46. 4 | 59.7 | 45. 5 | 38. 1 | 18.8 | 27.3 | 74.4 | 85.3 | 98.8 | 33.3 | 63.8 | 82.7 | 95.5 | 94.7 | 104.2 | 94. 9 | 101.4 | 266. 2 |
| March. | 47.9 | 60.7 | 47.1 | 40.9 | 20.4 | 30.9 | 80.0 | 88.4 | 100.9 | 41.8 | 68.2 | 84.1 | 98.1 | 97.5 | 102.1 | 97.7 | 102.5 | 266.2 |
| ${ }_{\text {April }}$ | 49, 50 | 60.4 60.2 | 48.3 50.1 | 43.4 44.8 | ${ }_{22.2}^{20.4}$ | 39.4 45 | 81.4 80.3 | 84.6 | 104. 94.1 | 51.0 50.6 | 66.3 70.2 | 82.5 79.4 | 98.2 97.3 | 100.1 101.8 | 104.0 100.0 | 104.2 107.8 | 103.1 | 256.1 250.9 |
| June. | 49.3 | 59.0 | 48.7 | 45.1 | 24.2 | 49.5 | 80.7 | 74.2 | 83.7 | 36.5 | 59.3 | 77.9 | 97.6 | 102.0 | 99.8 | 106.6 | 105.6 | 253.8 |
| July.. | 46.6 | 58.8 | 45.8 | 43.7 | 25.3 | 46.8 | 75.8 | 67.7 | 76.8 | 21. 4 | 63.5 | 78.2 | 98.0 | 105.7 | 98.3 | 100.8 | 100.9 | 253.5 |
| August | 47.3 | 59.6 | 46.5 | 45. 6 | 26. 5 | 44.2 | 81.0 | 64.8 | 72.2 | 23.6 | 65.7 | 83.6 87 87 | 99.5 1014 | 104.9 102.8 | 97.9 1036 | 99.5 101.5 | 109.0 109.4 | 267.4 278.7 |
| September | ${ }_{51} 47.5$ | 59.1 | 46.7 | 47.1 | 28.2 30 3 | 43.5 | 84.3 | 59, 5 | 64.6 87.5 | 23.8 29.7 | 70.1 75.2 | 87.2 86.6 | 101.4 | 102.8 | 103.6 106.4 | 101.5 107.5 | 109.4 108.7 | 278.7 278.1 |
| October-- | ${ }_{52.6} 5$ | 60.0 59.3 | 52.2 | 48.7 | 39.3 29 | 41.1 | 89.8 | 91.3 | 104.5 | 29.7 34 | ${ }^{76.2}$ | 86.6 88.9 | 101.5 | 108.0 | 100.8 | 106.6 | 105.1 | 277.8 |
| December | 55.2 | 61.8 | 54.8 | 49.3 | 29.2 | 38.4 | 92. 7 | 91.9 | 103.8 | 30.9 | 82.5 | 85.3 | 103.3 | 106.2 | 103.5 | 106. 2 | 110.6 | 282.8 |
| Monthly average.. | 48.8 | 59.7 | 48.2 | 44.2 | 24.2 | 39.7 | 81.6 | 79.1 | 89.6 | 34.1 | 68.5 | 82.5 | 98. 9 | 101.7 | 102.0 | 101.9 | 105.6 | 265.9 |

For footnotes see $\mathbf{n} .161$.

## EMPLOYMENT CONDITIONS AND WAGES—FACTORY PAY ROLLS ${ }^{1}$-Continued



For footnotes see p. 161.

## EMPLOYMENT CONDITIONS AND WAGES-FACTORY PAY ROLLS, BY CITIES AND STATES ${ }^{1}$

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow{3}{*}{\(\mathrm{Ma}_{\text {Year and }}^{\text {Monta }}\)} \& \multicolumn{7}{|c|}{CITY OR INDUSTRIAL AREA} \& \multicolumn{8}{|c|}{STATE} \\
\hline \& Balti-
more \& \[
\begin{aligned}
\& \text { Chi- } \\
\& \text { cago }
\end{aligned}
\] \& Mil- \& New \& Phila-
delphia \& \[
\begin{array}{|c}
\text { Pltts- } \\
\text { burgh }
\end{array}
\] \& \[
\left\lvert\, \begin{gathered}
\text { will- } \\
\text { ming } \\
\text { ton }
\end{gathered}\right.
\] \& Dela-
ware \& Hlinols \& \[
\begin{aligned}
\& \text { Mary- } \\
\& \text { land }
\end{aligned}
\] \& Massa-
chusetts \& dersey \& \[
\underset{\text { York }}{\text { New }}
\] \& Penn-
sylvania \& \(\underset{\substack{\text { Wiscon- } \\ \text { sil }}}{\text { N }}\) \\
\hline \& \[
\underset{\text { Mo. av. }}{\substack{\text { 12929-31 } \\ 100}}
\] \& \multicolumn{3}{|c|}{\[
\begin{gathered}
\text { Montuly average, } \\
1925-27=100
\end{gathered}
\]} \& \multicolumn{3}{|l|}{\[
\begin{gathered}
\text { Monthly average, } \\
1923-25=100
\end{gathered}
\]} \&  \& \[
\begin{aligned}
\& \text { Mo. av. } \\
\& { }_{1925-27}^{100}= \\
\& 102
\end{aligned}
\] \& \[
\begin{aligned}
\& \text { Mo. av. } \\
\& 1829.31= \\
\& 100
\end{aligned}
\] \& \[
\begin{aligned}
\& \text { Mo. av. } \\
\& 1925-27= \\
\& 100
\end{aligned}
\] \& \[
\begin{gathered}
\text { Mo. av. } \\
\substack{1923-25 \\
100}
\end{gathered}
\] \& \begin{tabular}{l}
Mo. av. \\
1925-27 \\
00
\end{tabular} \& \[
\begin{gathered}
\text { Mo. av. } \\
1823-25= \\
100
\end{gathered}
\] \& \[
\underset{\substack{\text { Mo. av. } \\ 1006-27=}}{ }
\] \\
\hline 1914 mo. a \& \& \& \& \multirow[t]{4}{*}{48.3
50.2
58.6
65.9
81.2
96.8

1.8} \& \& \& \& \& \& \& \& \& \multirow[t]{4}{*}{$$
\begin{aligned}
& 44.6 \\
& 44.7 \\
& 68.6 \\
& 68.3 \\
& 88.4 \\
& 84.4
\end{aligned}
$$} \& \& <br>

\hline 1919 mo. av \& \& \& \& \& --1. \& \& \& \& \& \& \& \& \& \& <br>
\hline 1917 mo. 8 - \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 1918 1919 mo. av. \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 1920 mo. av. \& \& \& \& $\begin{array}{r}116.9 \\ 95.0 \\ \\ \\ \\ \hline\end{array}$ \& \& \& \& \& \& \& \& \& ${ }_{83}^{117} 7$ \& \& <br>
\hline ${ }^{192222}$ mo. ${ }^{\text {mor }}$ \& \& \& \& \multirow[b]{3}{*}{99.3
100.0} \& \& \& \& \& 692.0 \& \& \& \& \multirow[t]{3}{*}{88.7
88.8
10.6
19.6
99.9

89.2} \& \multirow[b]{3}{*}{| 106.7 |
| ---: |
| 98.0 |
| 98.3 |} \& \multirow[t]{3}{*}{- $7-5.5$} <br>

\hline 1923 mo av \& \& \& \& \& ${ }^{110.4} 4$ \& ${ }^{103} 10.6$ \& 110.5 \& 106.4 \& ${ }^{105.6}$ \& \& \& 102.2 \& \& \& <br>

\hline 1925 mo. av \& \& \multirow[t]{6}{*}{$$
\begin{array}{r}
8100.6 \\
102.7 \\
97.5 \\
93.0 \\
101.6 \\
78.2 \\
54.4 \\
54.4
\end{array}
$$} \& \& \& 87.7

101.9 \& ${ }_{85}^{100.7}$ \& ${ }_{89}{ }_{80} 1$ \& 92.1
101.4 \& 95.9
97.9 \& ${ }_{131.0}^{128.6}$ \& 99. \& 106.8
108 \& \& \& <br>

\hline 1926 mo. av \& \& \& \& \multirow[t]{5}{*}{$$
\begin{gathered}
101.0 \\
9.0 \\
93.5 \\
96.6 \\
96.6 \\
70.8 \\
70.4
\end{gathered}
$$} \& 109.4 \& 99.8 \& 105.3 \& 105.3 \& 104.2 \& 130.5 \& 101.8 \& 108.1 \& \multirow[t]{5}{*}{\[

$$
\begin{array}{r}
102.0 \\
98.8 \\
95.4 \\
101.7 \\
85.6 \\
67.1
\end{array}
$$

\]} \& \multirow[t]{5}{*}{\[

$$
\begin{gathered}
102.7 \\
99.0 \\
93.1 \\
10.1 \\
\hline 8.1 \\
61.6
\end{gathered}
$$

\]} \& \multirow[t]{5}{*}{\[

$$
\begin{gathered}
102.2 \\
96.4 \\
.98 .1 \\
10.8 \\
80.1 \\
60.1
\end{gathered}
$$
\]} <br>

\hline 1927 mo.ar \& \& \& \& \& 102.7 \& 92.0 \& 104.1 \& \& \& 122.3 \& \& \& \& \& <br>
\hline 1928 mo. av \& \& \& \& \& -98.9 \& 90.4 \& 103.1 \& 98.2 \& 95.2
101.3 \& 1114.5 \& 92.9
974 \& $\begin{array}{r}94.6 \\ 1078 \\ \hline 18\end{array}$ \& \& \& <br>
\hline 1939 mo. 1930 \& 117.6
103.4 \& \& ${ }^{8103.1} 8$ \& \& -88.6 \& ${ }_{90.1}$ \& ${ }_{101.1}$ \& 1121.4 \& ${ }_{77.6}$ \& ${ }_{103.7}^{17.4}$ \& ${ }_{78.6}$ \& 94.8 \& \& \& <br>
\hline 1931 mo. av.. \& 78.8 \& \& 58.6 \& \& 69.5 \& 65.8 \& 74.8 \& 73.2 \& 63.8 \& 79.6 \& 65.0 \& 71.2 \& \& \& <br>

\hline \multirow[t]{5}{*}{} \& \multirow[b]{5}{*}{$$
\begin{aligned}
& 60.8 \\
& 60.0 \\
& 59.8 \\
& 58.8 \\
& 53.4 \\
& 50.5
\end{aligned}
$$} \& \multirow[b]{5}{*}{\[

$$
\begin{aligned}
& \begin{array}{l}
4.6 \\
41.8 \\
\hline 39.8 \\
35.3 \\
34.9 \\
33.5
\end{array}
\end{aligned}
$$

\]} \& \multirow[b]{5}{*}{\[

$$
\begin{aligned}
& \begin{array}{l}
46.8 \\
46.8 \\
45.8 \\
45.6 \\
\hline 0.7 \\
36.4 \\
32.7
\end{array}
\end{aligned}
$$

\]} \& \multirow[b]{5}{*}{\[

$$
\begin{aligned}
& 58.2 \\
& 58.0 \\
& 59.3 \\
& 54.8 \\
& 48.6 \\
& 45.6
\end{aligned}
$$

\]} \& \multirow[b]{5}{*}{\[

$$
\begin{aligned}
& 6.3 .3 \\
& 55.7 \\
& 57.6 \\
& 51.1 \\
& 48.2 \\
& 46.6
\end{aligned}
$$

\]} \& \& \& \& \multirow[b]{5}{*}{\[

$$
\begin{aligned}
& 42.8 \\
& 41.6 \\
& 39.8 \\
& 36.9 \\
& 34.9 \\
& 24.9
\end{aligned}
$$

\]} \& \multirow[b]{4}{*}{\[

$$
\begin{aligned}
& 61.9 \\
& 62.2 \\
& \text { Si. } \\
& \text { So. } \\
& 55.0 \\
& \text { F5. }
\end{aligned}
$$

\]} \& \multirow[b]{4}{*}{\[

$$
\begin{aligned}
& 49.7 \\
& 52.9 \\
& 62.1 \\
& 46.7 \\
& 41.9 \\
& 410
\end{aligned}
$$

\]} \& \multirow[b]{4}{*}{\[

$$
\begin{aligned}
& 58.5 \\
& 58.5 \\
& 56.5 \\
& 56.0 \\
& 52.7 \\
& 51.5
\end{aligned}
$$
\]} \& \multirow[t]{2}{*}{54.6

53.9
5.8
5.} \& \& <br>

\hline \& \& \& \& \& \& \multirow[t]{4}{*}{$$
\begin{aligned}
& \frac{42.8}{41.4} \\
& 412.4 \\
& \hline 42.1 \\
& 39.2 \\
& \hline 24.6
\end{aligned}
$$} \& \multirow[t]{4}{*}{\[

$$
\begin{aligned}
& 64.6 \\
& 67.2 \\
& 64.9 \\
& 59.9 \\
& 56.1 \\
& 54.2
\end{aligned}
$$

\]} \& \multirow[t]{4}{*}{\[

$$
\begin{aligned}
& 58.7 \\
& 60.3 \\
& 50.3 \\
& 58.0 \\
& 53.5 \\
& 50.1
\end{aligned}
$$
\]} \& \& \& \& \& \& 49.4

49.4
4 \& \multirow[t]{2}{*}{44.1
48.1
48.5
4.1} <br>
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& 44.9 \& 39.8 \& 41.3 <br>
\hline \& \& \& \& \& \& \& \& \& \& 51.4 \& 39.2 \& 49.9 \& 42.6 \& 37.7 \& 38.0 <br>
\hline July. \& \multirow[t]{2}{*}{${ }_{45}^{40.1}$} \& \multirow[t]{2}{*}{29.0
31.6} \& 27.7
30.1 \& \multirow[t]{2}{*}{42.4

45.8} \& \multicolumn{2}{|l|}{| 43.3 |
| :--- |
| 18.6 |
| 18 |} \& \multirow[t]{2}{*}{51.4

49.6} \& \multirow[t]{2}{*}{46.6
45.3} \& 28.9

31.0 \& \& \& ${ }_{44.3}^{46.2}$ \& ${ }_{41}^{39.4}$ \& | 33.7 |
| :--- |
| 35.2 | \& \multirow[t]{2}{*}{34.2

35.3
37.0} <br>
\hline August, \& \& \& 30.2 \& \& 43.7
48.8 \& 28.6
28.3 \& \& \& 31.0
31.8 \& ${ }_{49}^{47.1}$ \& 40.2 \& 44.3
47.4 \& ${ }_{44.9}^{41.1}$ \& 35.2
37.9 \& <br>

\hline October \& \& \multirow[t]{2}{*}{| 31.4 |
| :--- |
| 31. |
| 28, |
| 28.3 |} \& \& \multirow[t]{2}{*}{51.8

48.0

48.3} \& \multirow[t]{2}{*}{\[
$$
\begin{aligned}
& 51.9 \\
& 49.1
\end{aligned}
$$

\]} \& \multirow[t]{2}{*}{| 30.5 |
| :--- |
| 30.6 |
| 20 |} \& \multirow[b]{2}{*}{33,

51.6
54.7
54.7} \& \& \& \& \& 48.0 \& 46.4 \& 41.0 \& 39.3 <br>

\hline November. \& 455.5 \& \& | 34.3 |
| :--- |
| 31.6 | \& \& \& \& \& \[

$$
\begin{aligned}
& 47.3 \\
& \hline 70.3 \\
& 50.0
\end{aligned}
$$

\] \& \[

$$
\begin{array}{r}
29.1 \\
29.7 \\
29.7
\end{array}
$$
\] \& 48.8

48.4 \& ${ }_{41.2}^{43}$ \& 45.8
45.7 \& ${ }_{42.6}^{44.2}$ \& 37.6
37.8 \& 38.2
35.0 <br>
\hline Monthly av. \& 61.7 \& 34.2 \& 38.4 \& 50.8 \& 50.7 \& 34.0 \& 56.7 \& 51.4 \& 34.3 \& 63.7 \& 44.6 \& 50.4 \& 48.5 \& 41.1 \& \multirow[t]{2}{*}{40.3} <br>
\hline 1933 \& \multirow[t]{2}{*}{41.9
42.0} \& \multirow[t]{2}{*}{28.4
28.6} \& \multirow[t]{2}{*}{30.2
30.3

30} \& \multirow[b]{2}{*}{${ }_{44}^{44.0}$} \& \multirow[t]{2}{*}{\begin{tabular}{l}
43.5 <br>
44.0 <br>
\hline

\end{tabular}} \& \multirow[t]{2}{*}{\[

$$
\begin{gathered}
\text { an. } \\
27.6
\end{gathered}
$$
\]} \& \multirow[b]{2}{*}{51.8

53.3} \& \multirow[b]{2}{*}{47.5} \& \multirow[t]{2}{*}{${ }_{29}^{28.5}$} \& \multirow[t]{2}{*}{44.6} \& \multirow[t]{2}{*}{38.9} \& \multirow[t]{2}{*}{42.5} \& \multirow[t]{2}{*}{40.0} \& \multirow[t]{2}{*}{33.9
35.1} \& <br>
\hline ${ }_{\text {January }}$ February \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& $\begin{array}{r}32.5 \\ 34.0 \\ \hline\end{array}$ <br>
\hline March.-. \& \& 25.7 \& 27.7 \& \& 41.2 \& 26.9 \& 48.3 \& \& \& 43.9 \& \& 40.0 \& \& \& 32.6
32 <br>
\hline April... \& 43.2
45.7 \& 26.4
29.3
2. \& 34.8
38.7 \& ${ }_{45.6}^{46.0}$ \& 41.6
45.9 \& 28.7

31.9 \& | 46.5 |
| :--- |
| 52.9 | \& 43.1

49.0 \& | 28.22 |
| :--- |
| 31.3 |
| 35.4 | \& 45.9 \& 39.3

43.9 \& 41.5
44.2 \& ${ }_{4}^{40.1}$ \& 33.9
38.3 \& 36.4
40.6
46.8 <br>
\hline June... \& 49.3 \& 32.2 \& 45.8 \& 46.5 \& 49.7 \& 40.4 \& 58.9 \& 54.5 \& 35.4 \& 53.1 \& 48.6 \& 47.8 \& 45.1 \& 42.9 \& 46.8 <br>
\hline \& ${ }_{653}^{55} \mathbf{6}$ \& -35.2 \& $\begin{array}{r}47.7 \\ 62.0 \\ \hline\end{array}$ \& ${ }^{47.4}$ \& 52.7 \& 44.5 \& ${ }^{67.7}$ \& 63.1 \& . 9 \& 60.1 \& 54.5 \& 49.9 \& 47.9 \& 946.3 \& ${ }_{59} 4$ <br>
\hline September \& 63.2
68.8 \& 39.5

39.9 \& | 52.0 |
| :--- |
| 51.8 | \& 60.5

57.3 \& 60.3
65.3 \& 51.3 \& 67.0
69.5 \& ${ }_{6}^{62.1}$ \& 42.6
43.0 \& ${ }_{7} 67.4$ \& ${ }_{61.5}^{58.7}$ \& 52.0
5.0 \& 55.0 \& ${ }^{64.2}$ \& ${ }_{53,8}$ <br>
\hline October- \& ${ }_{6}^{67.5}$ \& 39.4 \& 53: 5 \& ${ }_{5}^{55.9}$ \& ${ }^{60.5} 5$ \& 49.7 \& 698.7 \& 64.8
62
62 \& 43.0
40
4 \& 73.0 \& 61.5
578 \& 56.5
56.8 \& 54.1 \& 55.7
52.8
5.8 \& 55.3
5.3
5 <br>
\hline Necember..- \& ${ }_{63.1}^{65.1}$ \& $3{ }_{37}{ }^{37}$ \& $5{ }_{51.7} 51.5$ \&  \& 65.5
62.7 \& ${ }_{48}^{48.7}$ \& 67.6
68.7 \& 62.7
63.7 \& ${ }_{40.5}$ \& 69.4
67.4 \& 54.0 \& 56.1 \& ${ }_{51.3}$ \& ${ }_{51.1}^{628}$ \& ${ }_{60.1}$ <br>
\hline Monthly av. \& 53.9 \& 33.3 \& 43.0 \& 49.1 \& 53.5 \& 39.8 \& 80.2 \& 55.8 \& 35.6 \& 57.8 \& 49.9 \& 48.9 \& 46.4 \& 44.3 \& 44.7 <br>
\hline 1934 \& \multirow[b]{2}{*}{61.4

65.9} \& \multirow[b]{2}{*}{| 38.9 |
| :--- |
| 40.5 |
| 1 |} \& \multirow[b]{2}{*}{49.8

63.6} \& \multirow[b]{2}{*}{53.7
57.4
58} \& \& \multirow[b]{2}{*}{43.9
49} \& \multirow[b]{2}{*}{65. 3} \& \multirow[b]{2}{*}{60.8} \& \multirow[b]{2}{*}{40.5} \& \multirow[b]{2}{*}{${ }^{64.8}$} \& \& \& \multirow[b]{5}{*}{51.8
54.7
56.7
58.3
59.0
58.2
57.0} \& \multirow[b]{5}{*}{} \& \multirow[b]{5}{*}{50. 5
54.4
58.9
68.9
68.9
64.9} <br>
\hline Fanuary \& \& \& \& \& 59.9
64.5 \& \& \& \& \& \& 53.3
58.7 \& ${ }_{56.3}^{53.6}$ \& \& \& <br>
\hline March. \& 70.6
75 \& 41.4 \& 58.6 \& ${ }_{60}^{62.1}$ \& 68.0 \& 54.9 \& 71.2 \& 66. 2 \& 45.2 \& 74.5 \& 61.1 \& 57.0 \& \& \& <br>
\hline ApriL--- \& 75.3
76.6 \& ${ }_{44.6}^{42.0}$ \& 69.8
64.8
69.8 \& 60.9
59.2 \& 68.8 \& 57.8
68.3 \& ${ }_{71} 72.15$ \& 66.7 \& 46.8
49.1

4 \& 78.7
78.9 \& 61.5
60.9 \& 57.7
59.4 \& \& \& <br>
\hline June...... \& 77.6 \& 45.5 \& 65.8 \& 56.4 \& 67.4 \& 68.6 \& 74.0 \& 68.5 \& 49.9 \& 79.9 \& 56.3 \& 59.6 \& \& \& <br>

\hline \& \multirow[t]{4}{*}{$$
\begin{aligned}
& 65.4 .4 \\
& 688.8 \\
& 66.92 \\
& 67.7 \\
& 66.4
\end{aligned}
$$} \& \multirow[t]{4}{*}{\[

$$
\begin{aligned}
& 45.8 \\
& 45.2 \\
& 46.1 \\
& 46.4 \\
& 43.7 \\
& 45.0
\end{aligned}
$$

\]} \& \multirow[t]{4}{*}{\[

$$
\begin{aligned}
& 61.8 .8 \\
& 66.7 \\
& 58.7 \\
& 60.7 \\
& 66.7
\end{aligned}
$$

\]} \& \multirow[t]{4}{*}{\[

$$
\begin{aligned}
& 55.3 \\
& 69.5 \\
& 60.8 \\
& 61.8 \\
& 69.6 \\
& 69.6
\end{aligned}
$$

\]} \& \multirow[t]{4}{*}{\[

$$
\begin{aligned}
& 67.1 \\
& 68.1 \\
& 66.4 \\
& 70.2 \\
& 75.2 \\
& 75.1
\end{aligned}
$$

\]} \& \multirow[t]{4}{*}{\[

$$
\begin{aligned}
& \begin{array}{l}
6.9 .9 \\
\text { 58.4. } \\
50.7 \\
54.7 \\
53.7 \\
55.6
\end{array}
\end{aligned}
$$
\]} \& \multirow[t]{4}{*}{73.7

69.9
69.9
69.3
72.7
86.1

65.7} \& \multirow[t]{4}{*}{$$
\begin{aligned}
& 68.3 \\
& 64.7 \\
& 6.7 \\
& 6.1 \\
& 6.7 \\
& 6.6 \\
& 6.6
\end{aligned}
$$} \& \multirow[t]{4}{*}{\[

$$
\begin{aligned}
& 48.0 \\
& 48.6 \\
& 48.6 \\
& 49.8 \\
& 47.4 \\
& 48.2
\end{aligned}
$$
\]} \& \& 55.0 \& 58.1 \& 55.7 \& ${ }_{55}^{55.5}$ \& ${ }_{60}^{62}$ <br>

\hline ${ }_{\text {Soptember }}$ \& \& \& \& \& \& \& \& \& \& $$
\begin{aligned}
& 73.6 \\
& 73.0
\end{aligned}
$$ \& ${ }_{54.6}^{56.5}$ \& 69.1

59.0 \& 56.9
57.3 \& ${ }_{53,3}$ \& ${ }_{57.8}^{60.7}$ <br>
\hline October- \& \& \& \& \& \& \& \& \& \& 70.5
72.5
7.5 \& 55.5 \& 68.8
58
58 \& ${ }_{5}^{57.2}$ \& 57.4
56.7

ck \& ${ }^{60.8}$ <br>

\hline Nocember...- \& \& \& \& \& \& \& \& \& \& $$
\begin{gathered}
{ }_{72.1}^{72.5}
\end{gathered}
$$ \& 54.9

59.9 \& 59.7 \& 58.0 \& 68.3 \& ${ }_{62.5}^{60.2}$ <br>
\hline Monthly av-. \& 70.1 \& 43.8 \& 59.8 \& 58.9 \& 68.1 \& 65.7 \& 70.1 \& 65.2 \& 47.1 \& 78.7 \& 57.3 \& 58.1 \& 66.7 \& 66.7 \& 59.6 <br>
\hline 1935 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline January ${ }_{\text {February }}$ \& 65.2
72.0 \& 45.6
48.4 \&  \& 68.6
60.9 \& 72.3

72.8 \& 57.3 \& | 66.3 |
| :---: |
| 87.8 | \& 61.7

62.8 \& 48.8
52.7 \& 70.9
78.0 \& 61.3
63.6 \& 58.1
59.5 \& ${ }_{60.9}^{58.3}$ \& 62. ${ }^{58}$ \& 62.0
67.3 <br>
\hline March.... \& 76.1 \& 48.8 \& 75.2 \& 65.3 \& 75.1 \& 65.9 \& 66.5 \& 61.5 \& 54.1 \& 81.0 \& 65.1 \& 61.5 \& 63.1 \& ${ }^{63.7}$ \& 69.3 <br>
\hline April.-..- \& 778.0 \& 4 \& 78.5
77.2 \& 6.9
59.7 \& 75.0
73.0 \& 66.4
65.4 \& 67.7
67.2 \& 62.5
62.7 \& 54.6
53.0
5.0 \& 88.4 \& 63.7
60.9 \& 60.8
60.9 \& 61.2 \& 61.9 \& <br>
\hline June...... \& 76.4 \& 46.7 \& 76.3 \& 57.4 \& 73.2 \& 60.8 \& 69.2 \& 66.4 \& 52.3 \& 79.7 \& 69.4 \& 59.2 \& 60.2 \& 69.8 \& 70.5 <br>
\hline July. \& \& 45.9 \& 77.9 \& 56.8 \& 72.3 \& 56.7 \& 67.9 \& 65.1 \& ${ }_{51.8}$ \& 77.1 \& 59.9 \& 58.8 \& 59.5 \& 58.0 \& 76.2 <br>
\hline ${ }_{\text {August, }}^{\text {Soptember }}$ \& ${ }_{81.6}^{77}$ \& 46.7
48.8 \& 77.5
82.6 \& 62.3
67.1 \& 76.4
79.6 \& 65.8
67.0 \& 69.7
71.8 \& 70.8

70.5 \& $\begin{array}{r}53.5 \\ 55.6 \\ \hline\end{array}$ \& | 80.6 |
| :--- |
| 85.5 | \& 62.5

64.8 \& | 63.3 |
| :--- |
| 64.8 |
| 6.1 | \& 62.5

65.9 \& 63.9
65.0 \& ${ }_{78.1} 7$ <br>
\hline October. \& 80.4 \& 49.6 \& 82.7 \& 66.7 \& 81.0 \& 76.2 \& 74.2 \& 70.4 \& 56.9 \& 84.9 \& 65.9 \& 67.6 \& 66.3 \& 70.3 \& 77.1 <br>
\hline November-...- \& 79.3
80.0 \& 48.9
50.6 \& 84.5
86.7 \& 63.4
64.5 \& 79.7
80.4 \& 74.5
74.5 \& 74.6
78.4 \& ${ }_{72.3}^{69.2}$ \& 56.5
58.4 \& 82.5
83.9 \& 62.4
66.8 \& ${ }_{68.1}^{68.1}$ \& 64.3
65.9 \& 68.5
68.3 \& 77.8 <br>
\hline Monthly av... \& 76.5 \& 48.0 \& 78.4 \& 62.2 \& 75.9 \& 66.2 \& 70.1 \& 66.3 \& 64.0 \& 80.6 \& 63.0 \& 62.6 \& 62. 6 \& 63.5 \& 72.3 <br>
\hline
\end{tabular}

For footnotes see p. 161.

## EMPLOYMENT CONDITIONS AND WAGES--PAY ROLLS IN NONMANUFAGTURING INDUSTRIES ${ }^{1}$

| Year and Monta | DEPARTMENT OF LABOR INDEXES WITHOUT ADJUSTMENT FOR SEASONAL VARIATIONS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mining |  |  |  |  | Public utilities |  |  | Retail trade |  |  | Misecllancous |  |  |  |
|  | An-thracite | $\begin{aligned} & \text { Bitu- } \\ & \text { mi- } \\ & \text { cous } \end{aligned}$ | $\left\lvert\, \begin{gathered} \text { Metal- } \\ \text { lifer- } \\ \text { ous } \end{gathered}\right.$ | Crude-petroleum duro: | Quarrying non-metallic | Electric light and power manufactured gas | Electric- <br> railroad and motorbus 0peration and tenance | Telephone and telegraph | Combined index | General mer-chandising | Other than general mer-chandlsing | Wholesate trade | $\begin{aligned} & \text { Dyeing } \\ & \text { and } \\ & \text { clean- } \\ & \text { ing } \end{aligned}$ | $\begin{aligned} & \text { Laun- } \\ & \text { dries } \end{aligned}$ | Yearround hotels |
|  | Monthly average, $1929=100$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1029 monthly average 1930 monthly average. | 100.0 95.3 | 100.0 81.3 | 100.0 78.0 | 100.0 85.9 | 100.0 79.3 | 100.0 104.3 | 100.0 93.5 | 100.0 102.9 | 100.0 95.3 | 100.0 93.3 | 100.0 95.7 | 100.0 95.3 | 100.0 | 100.0 | 100.0 96.5 |
| 1931 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 88.3 | 73.3 | 55.0 | 71.5 | 50.4 | 98.6 | 85.6 | 96.3 | 88.1 | 90.3 | 87.7 | 86.3 | 73.7 | 90.7 | 87.8 |
| February | 71.3 | 65.2 | 54.6 52.8 5 | 73.2 | 54.4 | 102.4 | 88.1 | 97.8 | 86.1 86.8 | 87.1 | 88.5 | 87.7 | 71.7 | 89.6 | 89.0 88.6 |
| April | 75.2 | 68.6 | 51.4 | 66.3 | 62.6 | 97.6 | 86.6 | 95.0 | 87.5 | 88.8 | 87.2 | 83.7 | 81.9 | 90.9 | 86.0 |
| May | 76.1 | 54.4 | 49.3 | 64.7 | 62.3 | 98.7 | 85.1 | 94.1 | 86.8 | 88.5 | 86.5 | 83.2 | 82.1 | 90.6 | 85.1 |
| June- | 66.7 | 52.4 | 46.1 | 62.7 | 60.1 | 98.3 | 84.8 | 95.0 | 86.7 | 87.9 | 86.4 | 82.5 | 84.5 | 91.2 | 82.2 |
| July | 53.7 | 50.4 | 41.3 | 59.2 | 57.3 | 97.4 | 83.3 | 93.3 | 81.3 | 82.3 | 81.1 | 81.6 | 81.8 | ${ }^{91.5}$ | 74.9 |
| August | 56.4 | 50.6 | 40.2 | 56. 3 | 55.1 | 96. 2 | 81.9 | 92.3 | 77.9 | 78.7 | 77.7 | 80.3 | 75.9 | 88.6 | 77.5 |
| September | 64.9 | 53.6 | 40. 0 | 55.2 | 51.2 | 94.3 | 81.2 | 92.1 | 78.3 | 83.9 | 77.2 | 79.5 | 78.3 | 88.0 | 77.1 |
| October--- November | 01.1 79.5 | 56.2 54.6 | 37.4 35.1 | 54.4 52.0 | 48.7 43.3 | 93.2 93.3 | 79.0 79.7 | 91.6 89.7 | 78.9 78.3 | 85.3 86.9 | 77.6 76.5 | 77.9 77.6 | 77.2 70.8 | 88.6 82.6 8.6 | 76.7 74.5 |
| December | 78.4 | 52.3 | 34.3 | 54.9 | 36. 9 | 91.2 | 77.8 | 92.7 | 80.4 | 100.7 | 76.2 | 76.6 | 64.4 | 81.0 | 72.6 |
| $1932$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 61.5 | 47.0 | 29.7 | 46.5 | 30.2 | 88.4 | 75.4 | 89.1 | 71.9 | 78.1 | 70.6 | 71.8 | 62.4 | 80.0 | 70.5 |
| February | 57.3 | 47.0 | 27.8 | 46.9 | 29.6 | 86.0 | 74.8 | 89.6 | 69. 1 | 73.1 | 68.3 | 70.1 | 59.0 | 76.7 | 69.5 |
| March. | ${ }^{61.2}$ | 46.8 | 26.5 | 43.2 <br> 44 | 28.7 | 85.4 | 73.6 | 888.2 | 68.5 | 73.1 72.3 | 67.5 | 68.8 663 | $5 \times .5$ 62.5 | 75.0 74.7 | 68.1 |
| May. | 58.0 | 30.7 | ${ }_{23.8}^{25.8}$ | $\stackrel{47}{47.1}$ | 32.3 | 884.2 | 72.8 | 88.8 | 65.5 | 70.5 | 64.5 | 67.1 | 63.8 | 73.0 | 64. 2 |
| June. | 37.4 | 27.3 | 20.1 | 44.8 | 30.0 | 80.5 | 70.2 | 82.1 | 62.7 | 67.6 | 61.7 | 63.5 | 62.4 | 71.8 | 61.0 |
| July | 34.5 | 24.4 | 16.9 | 44.6 | 29.1 | 78.7 | 66.4 | 79.6 | 69.2 | 61.3 | 58.8 | 61.9 | 56.9 | 69.4 | 57.5 |
| August | 41.4 | 26. 4 | 16.5 | 42.9 | 29.7 | 76.7 | 63.8 | 79.1 | 66. 9 | 68.5 | 56.8 | $6 \mathrm{6C}$. | 53.4 | 66.9 | 54.9 |
| Soptember | 47.0 | 30.2 | 17.0 | 41.9 | 30.5 | 74.7 | 62.5 | 75.9 | 58.3 59 | 64.3 | 57.1 | 60.1 | 57.9 | 65.8 | 54.8 |
| November | 66.7 51.0 | 37.8 38.0 | 18.0 18.7 | 42.5 42.4 | 37.1 | 74.4 73.2 | 61.5 61.7 | 75.7 74.3 | 59.7 58.6 | 67.9 | 38.1 56.7 | 0.8 | 49.6 | 61.9 | 65.8 |
| December | 56.2 | 37.7 | 18.7 | 41.7 | 22.1 | 73.2 | 61.9 | 73.5 | 60.4 | 79.2 | 56.5 | 59.3 | 45.9 | 61.4 | 53.0 |
| $1933$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January- | 43.2 | 36.1 | 18.1 | 39.9 | 18.1 | 73.0 | 60.9 | 71.7 | 54.7 | 61.4 | 53.3 | 58.3 | 44.2 | 60.7 | 52.2 |
| February | 56.8 | 37.2 | 17.8 | 41.7 | 17.4 | 71.6 | 60.6 | 71.9 | 51.8 | 57.1 | 50.7 | 55.1 | 40.2 | 58.1 | 52.1 |
| March | 48.8 | 30.7 | 17.4 | 42.5 | 17.8 | 71.9 | 59.4 | 71.6 | 49.0 | 53.4 | 48.1 | 53.5 | 38.9 | 55 | 49.8 |
| April | 37.4 | 26.6 | 16.4 | $4{ }^{46.1}$ | ${ }^{20.2}$ | 69.4 | 58.1 | 67.8 | 62.0 | 60.8 | 50.2 49 | 52.4 5.4 | 51.7 | 56.6 | 48.4 |
| June. | 30.0 34.3 | 26.9 29.2 | 17.0 18.3 | 41.6 40.6 | 27.5 | 69.9 69.9 | 58.2 58.0 | 68.5 66.6 | 51.3 52.2 | 69.3 60.6 | 49.7 50.5 | 53.7 53.7 | 51.7 | 59.4 | 49.1 49.4 |
| July | 38.2 | 33.6 | 19.0 | 42.2 | 28.4 | 70.0 | 57.4 | 66.7 | 51.0 | 56.4 | 49.9 | 55.5 | 50.0 | 58.7 | 40.4 |
| August | 46. 6 | 43.3 | 21.9 | 42.5 | 29.9 | 70.8 | 58.2 | 66.1 | 64.9 | 62.4 | 53.4 | 57.2 | 50.0 | 60.3 | 49.6 |
| Soptember | 60.7 | 44.1 | 23.0 | 44.4 | 29.3 | 71.8 | 57.8 | 64.6 | 58.7 | 71.8 | 56.0 | 58.7 | 57.1 | 63.5 | 51.6 |
| Ootober- | 61.6 | 44.1 | 25.9 | 50.1 | 31.2 | 76.2 | 59.8 | 67.0 | 61.6 | 75.3 | 58.8 | 62.4 | 57. 4 | 62.5 | 53.4 |
| November | 47.8 | 50.7 | 25.6 | 50.3 | 28.3 | 74.5 | 59.4 | 67.7 | 61.4 | 76.1 | 58.3 | 60.5 | 52.5 | 60.7 | 52.7 |
| December | 44.3 | 50.8 | 26.2 | 53.2 | 24.4 | 74.4 | 59.6 | 67.7 | 64.0 | 90.1 | 58.6 | 60.9 | 47.3 | 61.1 | 54.9 |
| $1934$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 73.2 | 51.3 | 25.4 | 53.0 | 21.3 | 73.8 | 59.2 | 69.0 | 59.0 | 71.1 | 56.5 | 60.3 | 46.8 | 61.7 | 57.2 |
| February | 65.8 | 54.6 | 26.0 | 50.5 | 21.0 | 74.4 | 60.1 | 67.9 | 58.8 | 68.9 | 56.7 | 61.0 | 4 4 .3 | 61.7 | 60.9 |
| March | 89.4 | 58.9 | 25.9 | 52.5 | 24.1 | 75.6 | 62.2 | 70.4 | 59.8 | 71.5 | 57.4 | 02.0 | 51.7 | 62.7 | 62.2 |
| April | 51.7 | 51.4 | 27.2 | 53.4 | 29.9 | 76.8 | 62.9 | 68.8 | 61.2 | 74.0 | 58.5 | 63.1 | 60.8 | 64.4 | ${ }^{62 .} 7$ |
| Maye. | 64.0 63.3 | 54.4 | 25.6 | 56.4 | 35.0 | 77.6 | 63.0 | 71.4 | 61.5 | 74.5 | 58.8 | 62.6 | 65.1 | 66.9 | 62.9 |
| July.-. | 63.3 | 65.1 | 26.7 | 5.9 | 37.0 | 7.8 | 63.2 | 7.3 | 0.4 | 7.9 | 58.8 | 62.8 | 64.1 | 3. | 62.8 |
| July | 42.3 39.7 | 49.7 50.4 | 25.1 27.0 | 60.0 61.2 | 35.0 34.0 | 81.1 | 63.8 62.8 | 72.3 74.0 | 60.1 58.4 | 69.5 66.9 | 58.2 56.6 | 63.8 62.7 | 58.9 56.7 | 68.2 66.6 | 61.5 |
| September | 47.0 | 51.4 | 25.9 | 59.7 | 32.4 | 79.3 | 62.4 | 72.2 | 60.6 | 74.0 | 57.8 | 63.6 | 59.0 | 65.9 | 61.0 |
| October- | 48.3 | 57.6 | 28.2 | 60.8 | 32.1 | 80.6 | 63.0 | 74.9 | 61.9 | 77.3 | 58.7 | 64.5 | 69.1 | 64.8 | 62.7 |
| November. | 51.2 | 58.3 | 28.5 | 59.0 | 29.4 | 79.6 | 61.8 | 72.2 | 61.9 | 80.2 | 58.1 | 64.2 | 53.9 | 63.7 | 62.4 |
| December- | 52.3 | 57.0 | 29.4 | 59.5 | 23.6 | 78.3 | 62.3 | 73.2 | 66.2 | 99.0 | 59.4 | 64.8 | 51.1 | 63.3 | 62.2 |
| Monthly average... | 56.9 | 64.2 | 26.7 | 86.8 | 29.6 | 77.9 | 62.2 | 71.5 | 60.9 | 75.1 | 58.0 | 63.0 | 56.1 | 64.8 | ${ }^{61.6}$ |
| January 1935 | 57.5 | 59.6 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February. | 67.0 64.3 | ${ }_{66.1}^{69.6}$ | 39.9 | 56.5 54.9 | 22.8 | 78.3 | 62.8 | 73.9 72.9 | 69.7 69.3 | 73.3 | 56.9 | 64. 6 | 49.8 | 64.1 | 62.2 63.5 |
| March. | 38.9 | 67.5 | 30.9 | 56.0 | 24.9 | 79.4 | 63.4 | 75.3 | 60.4 | 74.1 | 57.6 | 65.2 | 53.5 | 64.6 | 63.9 |
| April. | 49.9 | 45.0 | 31.8 | 56.7 | 28.9 | 79.0 | 63.3 | 73.1 | 62.5 | 77.5 | 59.4 | 64.8 | 61. 9 | 65.5 | ${ }^{63.6}$ |
| June.- | 49.5 66.0 | 49.7 | 31.4 31.5 | 57.8 59.2 | 33.8 | 79.8 | 63.6 | 73.7 74.4 | 62.0 62.5 | 76.3 76.7 | 59.5 | 64.6 64.6 | 61.7 65.7 | 68.2 | 63.5 |
| July | 37.5 | 35. 9 | 31.1 | 59.9 | 34.4 | 81.5 | 63.4 | 75.7 | 60.5 | 72.0 | 58.1 | 64.0 | 61.5 | 70.9 | 62.1 |
| August | 28.3 | 45.8 | 33.4 | 58.9 | 36.3 | 82.8 | 63.3 | 75.5 | 59.3 | 69.5 | 57.2 | 64.8 | 58.2 | 69.2 | 62.0 |
| Oetotomer | 38.2 55.9 | ${ }_{60.1}$ | ${ }_{38} 3.4$ | 60.9 | 35.4 | 84.6 | 64.0 | 73.8 | 62.5 | 77.2 | 59.4 | 67.2 | 63.1 | 67.9 | 63.1 |
| November | 28.4 | 65.5 | 39.6 | 57.2 | ${ }_{32.1}$ | 84.4 83.4 | 63.8 | 74.9 74.9 | 63.2 63.4 | 79.8 82.0 | 59.8 59.6 | 66.8 66.8 | 61.1 55.4 | 67.1 66.7 | 64.3 64.8 |
| December... | 55.4 | 69.5 | 43.2 | 59.9 | 29.7 | 86.0 | 66.1 | 75.6 | 69.3 | 104.5 | 62.0 | 68.6 | 52.9 | 67.5 | 64.2 |
| Monthly average... | 47.6 | 58.2 | 33.9 | 67.9 | 90.7 | 81.4 | 69.7 | 74. 6 | 62.1 | 78.0 | 68.8 | 65. 6 | 67.9 | 66.9 | 63.4 |

For footnotes see p. 161.

## EMPLOYMENT CONDITIONS AND WAGES-WEEKLY AND HOURLY FACTORY EARNINGS



## EMPLOYMENT CONDITIONS AND WAGES—MISGELLANEOUS WAGE DATA

| Yeall and Monti | CONSTRUCRATES |  |  |  | ROAD BUILDING, WAGES (COMMON LABOR) ${ }^{\text {( }}$ |  |  |  |  |  |  |  |  |  |  | STEEL INDIS. TRY WAGLS |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | $\begin{aligned} & \text { UNITED } \\ & \text { STATES } \end{aligned}$ |  | East North Central |  |  |  |  |  | South Atlantic |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Dollars per hour |  | Dollars per mo | Dollars per hour |  |  |  |  |  |  |  |  |  |  |  |  | Percent base scale |
| 1913 monthly average. | 0. 190 | 0.56 | 30.21 |  |  |  |  |  |  |  |  |  |  |  |  | 0. 198 |  |
| 1914 monthly average | . 177 | . 57 | 29.72 29.97 |  |  |  |  |  |  |  |  |  |  |  |  | . 200 |  |
| 1915 monthly average. | . 182 | . 58 | 29.97 <br> 32.58 |  | 0.20 .23 |  | 0. 21 .24 | 0.12 .13 | 0.24 .24 | 0.26 .29 | - 2.25 | 0.28 .28 | 0.14 .18 | . 28 | 0.16 .17 | . 239 |  |
| 1917 monthly average. | . 281 | . 61 | 40.19 |  | . 28 |  | . 29 | . 17 | . 30 | . 36 | . 31 | . 36 | . 21 | . 34 | . 21 | . 299 | 160.0 |
| 1918 monthly average. | . 380 | . 68 | 49.13 |  | .36 |  | . 39 | . 23 | . 38 | . 44 | . 39 | . 45 | . 27 | . 45 | . 28 | . 394 | 191.8 |
| 1919 monthly average. | . 468 | 78 | 56.77 |  | . 41 |  | . 43 | . 28 | .41 | . 47 | . 41 | . 62 | . 32 | . 53 | . 36 | . 468 | 174.0 |
| 1920 monthly average. | 579 | 1. 05 | ${ }^{65.05}$ |  | .49 |  | . ${ }^{35}$ | . 32 | . 50 | . 56 | . 48 | . 60 | . 37 | . 62 | . ${ }^{28}$ | . 500 | 182.0 |
| 1921 monthly average. | . 5440 | 1.06 | 43. 68 |  | -36 |  | . 31 | . 25 | . 37 | - 37 | $\begin{array}{r}.38 \\ .39 \\ \hline\end{array}$ | . 40 | . 28 | .45 | . 28 | - 407 | 151.0 |
| 1922 monthly average. 1923 monthly average. | . 442 | 1.01 1.10 | 42.09 46.74 | .593 .592 | . 32 |  | . 31 | . 22 | .37 <br> .45 | . 37 | . 39 | . 48 | . 21 | . 31 | . 24 | . 320 | 123.3 138.5 |
| 1924 monthly average. | . 655 | 1.19 | 47. 22 | . 602 | . 38 |  | . 40 | . 24 | .45 | .41 | . 50 | . 52 | . 28 | . 36 | . 27 | . 500 | 145.8 |
| 1925 monthly average. 1926 monthly average | .538 .548 . | 1.22 1. 28 | 47.80 48.86 | . 61618 | $\begin{array}{r} .38 \\ .39 \end{array}$ |  | . 37 | $\xrightarrow{.25}$ | .45 .46 | . 44 | .46 <br> .80 | . 52 | . 270 | .38 .36 | . 27 | .500 .500 | 131.8 132.0 |
| 1927 monthly average.- | . 554 | 1. 32 | 48.63 | . 629 | . 39 |  | . 39 | . 25 | . 47 | .45 | . 49 | . 53 | . 28 | . 38 | . 30 | . 500 | 127.8 |
| 1928 monthly average. | . 556 | 1.35 | 48.65 | . 639 | - 40 |  | . 39 | - 26 | . 44 | . 46 | . 50 | . 53 | . 27 | . 38 | . 28 | . 500 | 122. 5 |
| 1920 monthly avorage | . 547 | 1. 36 | 49.08 |  | . 39 |  |  | . 28 | . 43 | - 48 | $\begin{array}{r}.51 \\ .50 \\ \hline\end{array}$ | . 53 | . 27 | ${ }^{-38}$ | - 31 | . 500 | 12 C .5 |
| 1930 monthly average. 1931 monthly average. | .561 .500 | 1.38 1.27 | 44. 69 35.03 | . 6669 | . 39 |  | . 38 | . 25 | . 48 | .47 | .50 .45 | . 53 | . 25 | . 37 | .28 .23 | . 500 | 120.8 110.3 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January.. | . 452 | 1.15 | 30. 53 |  | . 32 |  | . 40 | . 19 | . 37 | . 45 | . 41 | . 50 | . 18 | . 38 | . 24 | . 450 | 107.5 |
| February. | . 442 | 1. 11 |  | ${ }^{624} 6$ | . 33 |  | . 40 | . 17 | . 40 | ${ }^{.44}$ | . | .49 | . 21 | . 47 | . 25 | . 450 | 107. 5 |
| March. | . 412 | 1.11 . | 29.13 | . 608 | . 33 |  | . 37 | . 19 | . 40 | . 44 | . 39 | . 48 | . 20 | $\stackrel{.}{ } .3$ | . 24 | . 450 | 104.5 |
| May. | . 411 | . 96 |  | . 605 | . 32 |  | . 36 | . 19 | . 36 | . 44 | . 34 | . 47 | . 20 | . 28 | . 25 | . 415 | 104.5 |
| June. | . 412 | . 99 | ...... | . 602 | . 33 |  | . 36 | . 19 | . 35 | . 44 | . 34 | . 47 | . 20 | . 31 | . 25 | . 380 | 04.0 |
| July | . 414 | 1.00 | 27.10 | . 608 | . 32 |  | . 35 | . 19 | . 34 | . 44 | . 34 | . 46 | . 18 | . 31 | . 28 | . 380 | 94.0 |
| August | . 422 | . 98 |  | . 599 | . 32 |  | . 36 | . 19 | . 34 | . 43 | . 33 | . 47 | . 18 | . 31 | . 26 | . 380 | 94.0 |
| September | . 431 | . 99 |  | . 611 | . 32 |  | . 36 | - 19 | . 34 | . 44 | . 34 | . 47 | . 19 | . 34 | . 26 | . 380 | 94.0 |
| October-. | . 431 | . 98 | 26.36 | . 609 | . 32 |  | . 37 | - 19 | - 34 | . 44 | . 34 | . 48 | - 19 | . 32 | . 27 | . 380 | 94.0 |
| November | . 426 | . 98 |  | .616 .615 | .32 |  | $\begin{array}{r}.37 \\ .37 \\ \hline\end{array}$ | . 20 | . 34 | . 44 | $\begin{array}{r}.34 \\ .33 \\ \hline\end{array}$ | . 48 | . 21 | . 32 | $\begin{array}{r}.26 \\ .27 \\ \hline\end{array}$ | . 380 | 94. 0 |
| Mocember..-.---..-- | .427 .427 | .88 1.02 | ${ }^{8} 26.67$ | . 616 | . 32 |  | . 37 | . 19 | .35 .36 | . 44 | . 36 | . 48 | . 19 | . 34 | . 26 | . 380 | 94.0 98.9 |
| Monthly average... 1933 | . 427 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | . 400 |  |
| January .- | . 427 | 99 | 23.62 | . 616 | . 32 |  | . 38 | . 20 | . 36 | 43 | . 35 | . 50 | . 22 | . 34 | . 27 | . 380 | 04.0 |
| February | . 429 | 1.00 |  | 631 | . 32 |  | . 39 | . 20 | . 35 | . 44 | . 33 | . 51 | . 21 | . 35 | . 28 | . 380 | 84.0 |
| March. | . 427 | . 99 |  | . 607 | . 32 |  | . 40 | . 19 | . 36 | . 43 | . 34 | . 50 | . 21 | . 34 | . 27 | . 380 | 94.0 |
| April.- | . 434 | 1. 00 | 22.98 | . 613 | . 33 |  | . 41 | . 20 | . 36 | . 43 | . 32 | . 49 | . 22 | . 34 | . 27 | . 380 | 94.0 |
| May | . 444 | . 99 |  | . 603 | . 33 |  | . 39 | . 20 | . 35 | . 43 | . 32 | . 50 | . 22 | . 34 | . 28 | . 380 | 94.0 |
| June | . 439 | . 99 |  | . 603 | . 33 |  | . 39 | . 20 | . 35 | . 42 | . 33 | . 49 | . 23 | . 34 | . 28 | . 380 | 94.0 |
| July- | . 443 | . 99 | 24. 27 | . 608 | . 34 |  | . 41 | . 20 | . 35 | . 44 | . 35 | . 51 | . 22 | . 35 | . 27 | . 410 | 101. 5 |
| August. | . 443 | . 99 |  | . 598 | . 35 |  | . 42 | . 20 | . 35 | .43 | . 37 | . 50 | . 23 | . 35 | . 28 | . 440 | 101.5 |
| Septembe | . 452 | 1.02 |  | - 606 | . 37 |  | .43 | . 20 | . 37 | . 44 | . 38 | . 52 | . 25 | -36 | . 28 | . 440 | 111.5 |
| October-- | . 566 | 1.03 | 25.89 | . 603 | . 37 |  | .43 | . 20 | - 37 | . 44 | . 40 | . 57 | . 25 | - 37 | . 29 | -440 | 101.5 |
| November | . 510 | 1.04 1.06 |  | . 614 | . 38 |  | . 45 | . 21 | $\begin{array}{r}\text {-38 } \\ \hline 89 \\ \hline\end{array}$ | . 47 | . 39 | . 57 | . 24 | - 38 | - 31 | . 440 | 101.5 |
| Monthly average. | . 458 | 1.01 | ${ }^{8} 24.51$ | . 809 | . 35 |  | . 41 | . 20 | . 36 | . 44 | . 36 | . 52 | . 28 | . 35 | . 28 | . 408 | 97.8 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | . 516 | 1.05 | 24,90 | 612 | -...- | 0.43 | . 48 | . 30 | . 40 | . 55 | . 43 | . 58 | . 31 | . 42 | 35 | . 440 | 101. 5 |
| February | . 527 | 1.06 |  | . 631 | .... | . 42 | . 48 | . 30 | . 41 | . 55 | . 44 | . 58 | . 31 | . 41 | . 35 | . 440 | 101. 5 |
| March. | . 527 | 1.07 |  | . 611 |  | . 42 | . 50 | . 30 | . 42 | . 55 | .44 | . 57 | . 31 | . 41 | - 35 | . 440 | 101.5 |
| April. | . 534 | 1.08 | 26.88 | . 611 |  | . 43 | . 51 | . 30 | . 41 | . 55 | . 46 | . 57 | . 31 | . 41 | - 35 | . 485 | 101. 5 |
| May.. | . 534 | 1. 10 |  | . 601 |  | . 43 | . 51 | . 30 | . 41 | . 55 | . 44 | - 57 | . 31 | . 43 | . 35 | . 485 | 1101.5 |
| June.- | . 534 | 1.10 |  |  |  | . 43 | . 51 | . 30 | . 41 | . 55 | . 43 | . 57 | . 31 | . 42 | . 35 | . 485 | 115.0 |
| July--- | . 530 | 1. 10 | 27.29 | . 620 |  | . 42 | . 50 | . 30 | . 41 | . 56 | . 43 | . 58 | . 32 | . 43 | . 34 | . 485 | ${ }^{115 .} 0$ |
| August.-- | . 530 | 1.11 |  | . 613 | --- | . 41 | . 50 | . 30 | . 41 | . 56 | . 43 | . 58 | . 31 | . 45 | - 34 | . 485 | 115.0 |
| September | . 535 | 1.12 1.12 | 27.83 | .630 .616 | -- | .41 | . 50 | . 30 | . 42 | $\begin{array}{r}.56 \\ .55 \\ \hline\end{array}$ | . 44 | - 58 | . 32 | . 45 | $\begin{array}{r}.34 \\ .34 \\ \hline\end{array}$ | . 4885 | 115.0 115.0 |
| November. | . 539 | 1.12 |  | . 632 |  | .41 | . 51 | . 30 | . 42 | . 55 | . 42 | . 57 | . 32 | . 47 | . 34 | . 485 | 115.0 |
| Decomber. | . 541 | 1.12 |  | . 636 |  | 40 | . 52 | . 30 | . 42 | . 55 | . 42 | . 57 | . 32 | . 48 | . 34 | .485 | 115.0 |
| Monthly average... | . 532 | 1. 10 | ${ }^{8} 27.17$ | . 617 |  | 42 | . 0 | . 30 | . 41 | . 55 | . 43 | . 58 | . 31 | . 44 | . 35 | . 474 | 109.4 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January.-- | . 538 | 1.11 | 26. 69 | . 647 |  | . 39 | . 52 | . 30 | . 42 | . 55 | . 43 | . 57 | . 31 | . 47 | . 35 | . 485 | 115.0 |
| February | . 524 | 1. 10 |  | . 667 |  | . 39 | . 53 | . 30 | . 44 | . 55 | . 45 | . 55 | . 31 | . 47 | . 36 | . 485 | 115.0 |
| March. | . 524 | 1.11 |  | . 647 |  | . 39 | . 52 | . 30 | . 44 | . 55 | . 47 | . 55 | . 31 | . 46 | . 37 | . 485 | 115.0 |
| April.-. | . 526 | 1. 10 | 28.82 | . 676 | --.---- | . 40 | . 53 | . 30 | . 43 | . 58 | . 45 | . 55 | . 31 | . 46 | . 37 | . 485 | 115.0 |
| June.... | . 523 | 1.08 1.07 |  | . 670 |  | . 42 | . 63 | . 30 | . 43 | . 57 | . 43 | . 58 | . 31 | . 47 | . 37 | . 4885 | 115.0 |
| July | . 529 | 1.08 | 30.08 | . 662 |  | . 42 | . 53 | . 30 | . 43 | . 57 | . 43 | . 67 | . 31 | . 47 | . 36 | . 485 | 115.0 |
| August | . 529 | 1.08 |  | . 659 |  | . 42 | . 54 | . 30 | . 43 | . 57 | . 44 | . 57 | . 31 | . 47 | . 36 | . 485 | 115.0 |
| September. | . 529 | 1.08 |  | . 678 |  | . 42 | . 54 | . 30 | . 43 | . 57 | . 46 | . 57 | -31 | . 47 | . 36 | . 485 | 115.0 |
| October--- | . 529 | 1. 10 | 30.38 | -667 |  | . 42 | . 54 | . 30 | . 44 | . 57 | . 46 | . 58 | . 32 | . 47 | . 36 | . 488 | 115.0 |
| November. | . 528 | 1. 10 |  | . 688 |  | . 42 | . 55 | . 30 | . 44 | . 57 | . 47 | - 69 | . 32 | . 48 | . 36 | . 485 | 115.0 |
| December... | . 528 | 1.10 |  | . 686 |  | . 41 | . 85 | . 30 | . 44 | . 56 | . 48 | . 60 | . 33 | . 48 | . 36 | . 485 | 115.0 |
| Monthly average.. | . 628 | 1.09 | ${ }^{8} 29.48$ | . 688 | --- | . 41 | . 53 | . 30 | . 43 | . 56 | . 45 | . 57 | . 31 | . 47 | . 36 | . 485 | 115.0 |

For footnotes see p. 162.

## FINANCE-COMMERCIAL PAPER AND AGRICULTURAL LOANS

| Year and Month | BANKERS' ACCEPTANCES OU ISTANDING |  |  |  |  |  |  | Com-mercialpapelout-stand-Ing 4 | AGRICULTURAL LOANS ${ }^{\text {o }}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total ${ }^{1}$ | Held by Federal Reserve banks ${ }^{2}$ |  | Held by group of accepting banks ${ }^{2}$ |  |  | $\left\|\begin{array}{c} \text { Held } \\ \text { by } \\ \text { others }{ }^{3} \end{array}\right\|$ |  | Grand total | Farm mortgage loans |  |  | Loans to cooperatives |  |
|  |  | $\left\lvert\, \begin{gathered} \text { For } \\ \text { own ace } \\ \text { count } \end{gathered}\right.$ | $\begin{array}{\|l} \text { For } \\ \text { forieign } \\ \text { corre- } \\ \text { spond- } \\ \text { ents } \end{array}$ | Total | $\begin{aligned} & \text { Own } \\ & \text { bills } \end{aligned}$ | $\begin{gathered} \text { Pur- } \\ \text { chased } \\ \text { bills } \end{gathered}$ |  |  |  | Total | Federal land banks | Land bank com-missioner | Total | Federal intermediate credit banks (direct) |
|  | Millions of dollars |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1918 monthly average. |  |  |  |  |  |  |  |  | 156 | 156 | ${ }^{11} 156$ |  |  |  |
| 1919 monthly average |  |  |  |  |  |  |  |  | 294 | 294 | ${ }^{11} 294$ |  |  |  |
| 1820 monthly average |  |  | ${ }^{\bullet} 16$ | -1.- |  |  |  |  | 350 433 | 350 | 11350 11433 | -....... |  |  |
| 1921 monthly average. |  | 90 166 | 37 <br> 32 |  |  |  |  | 769 | 433 | 433 639 | 11433 11639 |  |  |  |
| 1923 monthly average. |  | 231 | 32 |  |  |  |  | 835 | 843 | 800 | 11800 |  | 33 | ii 33 |
| 1924 monthly average. |  | 177 | 26 |  |  |  |  | 873 | 992 | 928 | 11928 |  | 44 | 1144 |
| 1925 monthly average. | 696 | 292 | 42 | 137 |  |  |  | 743 | 1,087 | 1,006 | ${ }^{11} 1,006$ |  | 54 | ${ }^{11} 54$ |
| 1926 monthly average. | 691 | 279 | 59 | 88 |  |  |  | 629 | 1,172 | 1,078 | ${ }^{11} 1,078$ |  | 53 | ${ }^{11} 53$ |
| 1927 monthly average. | 848 | 263 | 158 | 105 | 54 | 51 | 322 | 585 | 1,233 | 1,156 | ${ }^{11} 1,156$ |  | 32 | ${ }^{11} 32$ |
| 1928 monthly average. | 1,073 | ${ }_{231}^{331}$ | 270 | 65 | ${ }_{36}^{32}$ | 33 | 407 | 494 | 1,277 | 1,195 | ${ }^{11} 11,195$ | --....-- | 36 | ${ }^{11} 36$ |
| 1929 montbly average. | 1,298 | 230 206 | 419 | ${ }_{267}^{113}$ | ${ }_{93}^{36}$ | $\begin{array}{r}77 \\ 174 \\ \hline\end{array}$ | 530 531 | 322 489 | 1,297 1,465 1,4 | 1,199 1,190 | 11 11 11 1 12190 |  | $\stackrel{41}{201}$ | 1126 1164 |
| 1931 monthly average. | 1,253 | 215 | 293 | 458 | 153 | 305 | 288 | 264 | 1,493 | 1,168 | ${ }^{11} 11,167$ |  | 201 | 1145 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 961 | 119 | 314 | 332 | 159 | 174 | 195 | 108 |  | 1,164 | 1,164 |  |  | 43 |
| Maruary | 919 | 76 36 | 312 | 343 377 | 175 | 168 | 189 | 103 | ------ | 1,160 1,157 | 1,160 11157 |  |  | 40 38 |
| April. | 879 | 16 | 292 | 455 | 188 | 268 | 115 | 108 |  | 1,153 | 1,153 |  |  | 36 |
| May... | 787 | 4 | 183 | 510 | 225 | 280 | 90 | 111 |  | 1,150 | 1,150 |  |  | 37 |
| June..- | 747 | 36 | 98 | 518 | 200 | 318 | 96 | 103 |  | 1,147 | 1,147 |  |  | 36 |
| July... | 705 | 12 | 59 | 563 | 197 | 366 | 70 | 100 | ...... | 1,144 | 1,144 |  |  | 36 |
| August ${ }^{\text {- }}$ | 681 | 3 | 49 | 574 | 198 | 376 | 55 | 108 | ...- | 1,14]. | 1,141 |  |  | 33 |
| October | 683 699 | $\stackrel{2}{3}$ | 43 39 | 573 | 199 | 414 | 64 <br> 52 <br> 8 | 113 |  | 1,138 | 1,138 |  |  | 16 |
| November. | 720 | 4 | 32 | 655 | 268 | 386 | 28 | 110 |  | 1,132 | 1,132 |  |  | 13 |
| December. | 710 | 4 | 40 | 604 | 224 | 380 | 62 | 81 | 1,494 | 1,129 | 1,129 |  | 169 | 10 |
| Monthly average | 784 | 26 | 150 | 509 | 195 | 314 | 88 | 105 |  | 1,146 | 1,146 |  |  | 30 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January... | 707 | $\underset{307}{2}$ | 41 30 | 626 325 | ${ }_{201}^{256}$ | 370 124 | 38 42 | 85 <br> 84 <br> 8 | 1,502 | 1,126 | 1,126 | -------- | ${ }_{164}^{165}$ | 7 |
| March. | 671 | 280 | 45 | 261 | 153 | 108 | ${ }_{85}$ | 72 | 1,546 | 1,122 | 1,122 |  | 164 | 6 |
| April. | 697 | 163 | 43 | 404 | 206 | 199 | 86 | 64 | 1,596 | 1,120 | 1,120 |  | 161 | 5 |
| May. | 669 | 13 | 36 | 505 | 229 | 276 | 115 | 60 | 1,646 | 1,119 | 1,119 |  | 185 | 4 |
| June.-. | 687 | 41 | 36 | 487 | 201 | 287 | 123 | 73 | 1,664 | 1,119 | 1,119 |  | 185 | 4 |
| July.. | 738 | 2 | 37 | 552 | 248 | 304 | 147 | 97 | 1,668 | 1,119 | 1,118 | 1 | 182 |  |
| August.-- | 694 715 | 1 | 40 | 499 517 | 252 | $\begin{array}{r}247 \\ 282 \\ \hline 8\end{array}$ | 154 156 | 107 | 1,672 1,676 1 | 1,123 | 1,121 | ${ }_{6}$ | 182 | 5 |
| September <br> October... | 775 | 1 | ${ }_{31}^{41}$ | 517 <br> 592 | 271 | ${ }_{321}^{282}$ | 156 | 123 130 | 1,676 1,669 | 1,134 | 1,128 1,144 | +6886 | 187 | 6 7 |
| November | 758 | 18 | 3 | 599 | 273 | 326 | 138 | 133 | 1,699 | 1,209 | 1,175 | 34 | 193 | 10 |
| December. | 764 | 127 | 4 | 442 | 223 | 219 | 190 | 109 | 1,791 | 1,303 | 1,232 | 71 | 192 | 15 |
| Monthly average. | 712 | 80 | 32 | 484 | 229 | 255 | 116 | 95 | 1,838 | 1,148 | 1,187 | ${ }^{10} 22$ | 178 | 7 |
| January......- | 771 | 105 |  | 567 | 255 | 312 | 95 | 108 | 1,813 | 1,427 | 1,307 | 120 |  |  |
| February. | 750 | 56 | 5 | 581 | 266 | 315 | 108 | 117 | 1,940 | 1,565 | 1,391 | 174 | 97 | 13 |
| March. | 685 | 23 | 5 | 576 | 252 | 324 | 81 | 133 | 2,088 | 1,716 | 1,478 | 238 | 95 | 11 |
| April. | 613 | 3 | 4 | 536 | 236 | 298 | 70 | 139 | 2,162 | 1,782 | 1, 503 | 259 | 94 | 10 |
| May ${ }^{\text {June--- }}$ | 569 534 |  | 3 | 507 480 | 226 | 281 | 59 <br> 53 | 142 | 2, 287 2,444 | 1,879 $\mathbf{2 , 0 2 9}$ | 1,568 $\mathbf{1}, 651$ | 311 378 | 83 84 84 | 9 8 |
| July. | 516 |  | 1 | 472 | 222 | 250 | 42 | 168 | 2,564 | 2,141 | 1,711 | 430 | 86 | 10 |
| August. | 520 |  | 1 | 483 | 222 | 261 | 37 | 188 | 2,672 | 2, 244 | 1,766 | 478 | 88 | 10 |
| September. | 539 |  | 1 | 503 | 223 | 280 | 35 | 192 | 2,753 | 2,327 | 1,811 | 516 | 88 | 10 |
| October- | 562 | 1 |  | 516 | 245 | 271 | 45 | 188 | 2,827 | 2, 401 | 1,849 | 552 | 106 | 24 |
| November | 561 |  |  | 517 | 252 | 265 | 44 | 178 | 2,898 | 2, 473 | 1,886 | 587 617 | 114 | 32 |
| December.- | 543 |  | 1 | 497 | 243 | 254 | 46 | 166 | 2,964 | 2,533 | 1,916 | 617 | 117 | 34 |
| Monthly average | 597 | ${ }^{9} 16$ | ${ }^{8} 2$ | 519 | 238 | 281 | 80 | 158 | 2,450 | 2,041 | 1,853 | 388 | 98 | 16 |
| January 1935 | 516 |  |  | 485 | 238 | 247 | 30 | 171 | 3, 021 | 2,586 | 1,943 | 643 | 116 | 34 |
| February. | 493 |  |  | 452 | 217 | 235 | 41 | 177 | 3,068 | 2,626 | 1,961 | 665 | 113 | 34 |
| March | 466 |  |  | 423 | 197 | 226 | 43 | 182 | 3,123 | 2, 682 | 1,975 | 687 | 110 | 32 |
| April... | 413 |  |  | 391 | 178 | 214 | 22 | 175 | 3,171 | 2,673 | 1,976 | 697 | 110 | 30 |
| May.... | 375 |  |  | 356 | 162 | 193 | 19 | 173 | 3,246 | 2,714 2 | 1,998 | ${ }_{7}^{716}$ | 105 83 | 26 10 |
| June....... | 343 |  |  | 317 | 154 | 163 | 26 | 159 | 3,267 | 2,750 | 2,017 | 733 | 83 | 10 |
| July.. | 321 |  |  | 296 | 148 | 148 | 24 | 164 | 3,281 | 2,767 | ${ }^{2,024}$ | 743 | 79 | 5 |
| August.- | 322 |  |  | ${ }_{301}^{292}$ | 145 | 147 | $\begin{array}{r}30 \\ 27 \\ \hline\end{array}$ | 177 | 3,302 3 3 | 2,791 | 2,036 | 755 | 83 | 5 |
| October--- | 363 |  |  | 339 | 178 | 161 | 24 | 180 180 | 3,311 | 2,882 2,836 | $\xrightarrow{2,059}$ | 777 | ${ }_{98}^{96}$ | 4 |
| November | 387 |  |  | 358 | 182 | 175 | 29 | 178 | 3,312 | 2,852 | 2,066 | 780 | 99 | 3 |
| December------------- | 397 |  |  | 368 | 183 | 185 | 29 | 172 | 3,320 | 2,867 | 2,072 | 795 | 96 | 2 |
| Monthly average...... | 394 |  |  | 365 | 178 | 187 | 29 | 174 | 8, 228 | 2,745 | 2,015 | 750 | 99 | 16 |

For footnotes see p. 162.
73330-36

# FINANCE-AGRIGULTURAL LOANS AND BANK DEBITS 



For footnotes see p. 162.

FINANCE—BROKERS' LOANS AND FEDERAL RESERVE BANK OPERATIONS


For footnotes see pp. 162, 163.

FINANCE-CONDITION OF FEDERAL RESERVE REPORTING MEMBER BANKS

| Year and Month | CONDITION OF FEDERAL RESERVE REPORTING MEMBER BANKS ${ }^{1}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Deposits |  | Investments |  |  |  | Loans |  |  |  |  |  |
|  | $\text { De- }{ }^{\text {Dand }}$ | Time | Total | U.S. Gov. direct obligations | U.S. Gov. guaranteed issues ${ }^{\prime}$ | Other securities | Total | Acceptances and commercial paper ${ }^{3}$ | On real estate ${ }^{2}$ | Tonks | On securities | Other loans |
|  | Millions of dollars |  |  |  |  |  |  |  |  |  |  |  |
| 1919 monthly average. | 10,681 | 1,924 | 4,363 | 2, 601 |  | 1,863 | 10, 807 |  |  |  |  |  |
| 1920 monthly average. | 11,329 | 2,710 | 3,481 | 1,571 |  | 1,910 | 13,419 |  |  |  | 4, 272 | 9,147 |
| 1921 monthly average. | 10, 189 | 2,966 | 3, 299 | 1,359 | -----...... | 1,939 | 12, 050 |  |  |  | 3,800 3,893 | 8,250 |
| 1922 monthly average. | 10,911 11,217 | 3,418 3,994 | 4,141 4,465 | 2,060 |  | 2,081 1,999 | -11, 132 |  |  |  | 3,893 4,146 4,18 | 7, 7 753 |
| 1924 monthly average. | 12,126 | 4, 503 | 4,796 | 2,474 |  | 2,322 | 12, 501 |  |  |  | 4,498 | 8,003 |
| 1925 monthly average. | 12,964 | 5,184 | 5, 213 | 2,585 |  | 2,627 | 13,646 |  |  |  | 5,400 | 8,246 |
| 1926 monthly average. | 13,007 | 5, 650 | 5,246 | 2,516 |  | 2,730 | 14,365 |  |  |  | 5,763 | 8,602 |
| 1927 monthly average. | 13, 316 | 6, 185 | 5,586 | 2,569 |  | 3, 017 | 14, 897 |  |  |  | 6, 224 | 8,673 |
| 1928 monthly average. | 13, 469 | 6,815 | 6,056 | 2,993 |  | 3, 063 | 15, 882 |  |  |  | 6,071 | 8,911 |
| 1929 monthly average. | 19,504 | 6,794 7,232 | 5,692 6,161 | 2,839 2,901 |  | 2,853 3,280 | 17,029 16,759 |  |  |  | 7,773 8,140 | 9,256 8,620 |
| 1931 monthly average.- | 19,206 | 6,910 | 7, 592 | 3,930 |  | 3,662 | 14, 505 |  |  |  | 6,624 | 7, 882 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 11, 106 | 5,751 | 7,149 | 3,925 |  | 3, 224 | 12,830 |  |  |  | 5,574 | 7,256 |
| Fibruary | 11,009 10,941 | 5,700 5,680 | 7, 935 <br> 7,143 <br> 18 | 3,742 3,920 3 |  | 3, ${ }^{3,193}$ | 12, 1288 |  |  |  | 5, ${ }_{8}^{5,340}$ | 7,148 6,883 |
| April. | 11, 144 | 5,685 | 7,151 | 3,884 |  | 3, 287 | 11, 882 |  |  |  | 5, 069 | 6,783 |
| May | 11,103 | 5,664 | 7,385 | 4, 032 |  | 3,353 | 11,431 |  |  |  | 4,807 | 6,724 |
| June | 10,025 | 5,542 | 7,491 | 4,254 |  | 3,237 | 11,263 |  |  |  | 4,745 | 6518 |
| July | 10,751 | 5,612 | 7,700 | 4,488 |  | 3,212 | 10,996 |  |  |  | 4,632 | 6,364 |
| August | 10,982 | 5,632 | 7,743 | 4,535 |  | 3,208 | 10, 786 |  |  |  | 4,512 | 6, 288 |
| September... | 11, 461 | 5, 5 5,709 | 8,201 885 | 5, 5, 284 |  | 3,301 3,301 | 10,706 10,44 |  |  |  | 4,311 | 6,130 |
| November. | 11,745 | 5,668 | 8,589 | 5, 266 |  | 3,323 | 10,413 |  |  |  | 4, 288 | 6,125 |
| December. | 11,758 | 5,656 | 8,507 | 5, 207 |  | 3,300 | 10,297 |  |  |  | 4,315 | 5,982 |
| Monthly average... | 11,184 | 8,662 | 7,715 | 4,458 |  | 9, 257 | 11,988 |  |  |  | 4,806 | 6, 538 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |
| February. | 10,605 | 5, 288 | 8 8,196 | 4,908 |  | 3,288 | 9,627 |  |  |  | 4, 234 | 5,393 |
| March. | 10,015 | 4,652 | 7,897 | 4,726 |  | 3,171 | 8,714 |  |  |  | 3,779 | 4,935 |
| April. | 10,691 | 4,673 | 8,161 | 5, 096 |  | 3,065 | 8,872 |  |  |  | 3,869 | 5,003 |
| May | 11,267 | 4,654 | 8, 232 | 5,146 |  | 3, 086 | 8,952 |  |  |  | 3,876 | 5, 076 |
| June... | 11,130 | 4,801 | 8,550 | 5,493 |  | 3,057 | ع, 945 |  |  |  | 3,031 | 5,014 |
| July .- | 10,903 | 4,948 | 8,367 | 5, 296 |  | 3,071 | 9,064 |  |  |  | 3,978 | 5,080 |
| August... | 10,888 | 4,941 | 8,467 | 5,408 5,328 | ------....- | 3,059 <br> 3,054 | 9,053 |  |  |  | 3,965 <br> $\mathbf{3 , 8 8 7}$ | 5,088 |
| Soptember | 10,974 11,124 | 4,930 4,911 | 8,382 8,569 | 5,328 6,461 |  | 3,054 <br> 3,108 | 9,126 9,1268 |  |  |  | 3,887 3,808 | 5,179 5,318 |
| November. | 11, 236 | 4,855 | 88.522 | 5,415 |  | 3,107 | 9,089 |  |  |  | 3,766 | 5,323 |
| December | 11,483 | 4,808 | 8,666 | 5,542 |  | 3, 124 | 8,815 |  |  |  | 3,824 | 5,091 |
| Monthly average.. | 11,017 | 4,826 | 8, 881 | 6, 256 |  | 3, 125 | 9, 132 |  |  |  | 9, 931 | 8, 201 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |
| January- | 11,648 11,949 | 4,836 4,843 | 9,288 9,785 | 6, 6981 |  | 3,104 <br> 3,094 | 8,870 |  |  |  | 3,805 3,715 | 5, 0605 4,982 |
| March. | 12, 364 | 4,890 | 9, 868 | 6, 652 |  | 3,216 | 8,669 |  |  |  | 3,704 | 4,965 |
| April. | 12,866 | 4,931 | 9, 868 | 6,657 |  | 3,211 | 8,628 |  |  |  | 3,752 | 4,876 |
| May-. | 13,068 | 4,941 | 9,825 | 6, 654 |  | 3,171 | 8 8,513 |  |  |  | 3, 650 | 4,883 |
| June... | 13,149 | 5,009 | 10,365 | 7,139 |  | 3,226 | 8,498 |  |  |  | 3,701 | 4,797 |
| July | 18,429 | 5,004 | 10,603 | 7,201 |  | 3, 402 | 8,355 |  |  |  | 3,524 | 4,831 |
| August | 13,630 | 6,030 | 10,644 | 7,158 |  | 3,486 | 8,276 |  |  |  | 3,410 | 4,886 |
| September | 10,940 | 4,888 | 10,757 | 7, 169 | 468 | 3,120 | 88,269 | 481 | 1,148 | 123 | 3, 160 | 3,357 3 3 |
| October--. | 11, 11498 | 4,875 4,800 | 10,790 10,817 | 7,265 | 605 | $\stackrel{\text { 2, }}{ } \times 14$ | 8,171 8,18 | 468 | 1,140 | 122 | ${ }_{3}^{3,124}$ | 3,217 |
| December | 11, 414 | 4,810 | 11, 367 | 7,771 | 641 | 2,955 | 8, 115 | 450 | 1,136 | 123 | 3,192 | 3,214 |
| Monthly average.. |  | 4,909 | 10, 381 | 6, 977 |  | 3, 168 | 8, 448 |  |  |  | 3,482 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 11,683 | 4,860 | 11, 481 | 7.810 | 664 | 3, 007 | 8,023 | 446 | 1,129 | 122 | 3,132 | 3, 194 |
| February | 11,793 | 4,878 | 11,520 | 7,791 | 731 | 2,998 | 8,061 | 445 | 1,123 | 118 | 3,105 | 3,270 |
| April..- | 12, 231 | 4,891 4,818 | 11, 11.804 | 7,858 7,902 | 772 | 3, 3120 | 8,084 8,155 | 403 | 1,119 | 114 | 3, 319 | 3,300 3,300 |
| May | 12,556 | 4, 935 | 11, 676 | 7,778 | 791 | 3, 107 | 8 8,111 | 375 | I',157 | 162 | 3,156 | 3, 281 |
| June-- | 12, 921 | 4,842 | 11, 791 | 7,824 | 972 | 2,995 | 8,037 | 322 | 1,147 | 83 | 3,208 | 3,277 |
| July | 12,962 | 4,856 | 12,034 | 7,947 | 1,017 | 3, 070 | 7,811 | 306 | 1,136 | 103 | 3,076 | 3,190 |
| August | 13, 263 | 4,839 | 12,022 | 7,877 | 1,035 | 3,110 | 7,817 | 310 | 1,135 | 75 | 3,009 | 3,288 |
| September | 13, 248 | 4, 890 | 12,390 | 8, 183 | 1,094 | 3,113 | 8,030 | 324 329 | 1,144 | 87 | 3,095 | 3,380 |
| October--.- | 13,598 14,018 | 4,899 4,872 | 12,476 12.480 | 8,177 8,301 | 1,133 | 3,166 3,042 | 7,902 8,152 | 329 <br> 353 | 1,146 1,140 | $\begin{array}{r}81 \\ 150 \\ \hline\end{array}$ | 3,006 3,108 | 3,340 3,401 |
| December. | 13,887 | 4,911 | 12, 646 | 8,468 | 1,126 | 3, 052 | 8, 219 | 362 | 1,136 | 76 | 3,274 | 3,401 |
| Monthiy average.....-.---- | 12,821 | 4,880 | 12,002 | 7, 893 | 938 | 3, 072 | 8,036 | 368 | 1,136 | 108 | 3, 194 | 3,300 |

For footnotes see p. 163.


For footnotes see p. 163.

FINANCE-COMMERCIAL FAILURES ${ }^{1}$


For footnotes, see p. 163.

FINANCE-COMMERCIAL FAILURES-Continued ${ }^{1}$


For footnotes see p. 163.

## FINANCE-LIFE INSURANGE



For footnotes see p. 163.

FINANCE—LIFE INSURANCE-Continued

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow{5}{*}{Year and Monte} \& \multicolumn{9}{|c|}{ASSOCIATION OF LIFE INSURANCE PRESIDENTS} \& \multicolumn{6}{|l|}{LIfe insurance sales research bureau} \\
\hline \& \multicolumn{4}{|c|}{Insurance written} \& \multicolumn{5}{|c|}{Premium collcetions \({ }^{2}\)} \& \multicolumn{5}{|c|}{Ordinary insurance written \({ }^{\text {s }}\)} \& \multirow{3}{*}{- \(\begin{aligned} \& \text { Lapse } \\ \& \text { rates }\end{aligned}\)} \\
\hline \& \multicolumn{4}{|c|}{Value} \& \multirow[b]{2}{*}{Total} \& \multirow[b]{2}{*}{Annu-} \& \multirow[b]{2}{*}{Group} \& \multirow[b]{2}{*}{\[
\begin{gathered}
\text { Indus- } \\
\text { trial }
\end{gathered}
\]} \& \multirow[b]{2}{*}{Ordl-
nary} \& \multirow[b]{2}{*}{Total} \& \multirow[b]{2}{*}{\[
\begin{gathered}
\text { East- } \\
\text { eistrict } \\
\text { distri }
\end{gathered}
\]} \& \multirow[b]{2}{*}{\[
\begin{gathered}
\text { Far } \\
\text { Fistst } \\
\text { listriet }
\end{gathered}
\]} \& \multirow[b]{2}{*}{South
cen
district} \& \multirow[b]{2}{*}{\[
\begin{gathered}
\text { West- } \\
\text { cern } \\
\text { distriet }
\end{gathered}
\]} \& \\
\hline \& Total \& Group \& Indus- \& Ordl- \& \& \& \& \& \& \& \& \& \& \& \\
\hline \& \multicolumn{9}{|c|}{Thousands of dollars} \& \multicolumn{5}{|c|}{Millions of dollars} \& \({ }_{102}^{192-26=}\) \\
\hline 1913 monthly average \& \multirow[t]{4}{*}{} \& \& \multirow[t]{4}{*}{\[
\begin{aligned}
\& 51, \text {,009 } \\
\& \hline 55,217 \\
\& 58,128 \\
\& 58,645 \\
\& 61 ; 484 \\
\& 66,099 \\
\& 66,099
\end{aligned}
\]} \& \multirow[t]{4}{*}{137,597
134,736
143,462
177,266
2055,510
214,292} \& \multirow[t]{4}{*}{\[
\begin{aligned}
\& 48,9881 \\
\& 51,331 \\
\& 51,363 \\
\& 58,283 \\
\& 64,292 \\
\& 69,908 \\
\& 69
\end{aligned}
\]} \& \& \multirow[t]{4}{*}{\[
\begin{gathered}
36 \\
52 \\
96 \\
94 \\
148 \\
508
\end{gathered}
\]} \& 10,778 \& 38,168 \& \multirow[t]{4}{*}{\[
\begin{aligned}
\& 158 \\
\& 159 \\
\& 167 \\
\& \hline 162 \\
\& 200 \\
\& 248 \\
\& 248
\end{aligned}
\]} \& \multirow[t]{4}{*}{} \& \multirow[t]{4}{*}{\[
\begin{aligned}
\& 16 \\
\& 16 \\
\& 18 \\
\& 21 \\
\& 24 \\
\& 24 \\
\& 24
\end{aligned}
\]} \& \multirow[t]{4}{*}{\[
\begin{aligned}
\& 24 \\
\& 24 \\
\& 24 \\
\& 30 \\
\& 34 \\
\& 36
\end{aligned}
\]} \& \multirow[t]{4}{*}{\[
\begin{aligned}
\& 65 \\
\& 65 \\
\& 68 \\
\& 81 \\
\& 98 \\
\& 98
\end{aligned}
\]} \& \\
\hline 1914 monthly average \& \& ¢ \& \& \& \& \& \& 11, 1280 \& 39,866
41,445 \& \& \& \& \& \& \\
\hline 1916 monthly average \& \& \({ }_{6}{ }_{6}, 560\) \& \& \& \& \& \& 13,280 \& 44,860 \& \& \& \& \& \& \\
\hline 1917 monthly average \& \& 14,881
20,665 \& \& \& \& \& \& 15,807 \& 83, 483 \& \& \& \& \& \& \\
\hline 1919 monthly average. \& 487,012 \& 35, 465 \& 77, 801 \& 373,647 \& 82, 183 \& \& 991 \& 18,088 \& 63, 105 \& 435 \& 147 \& 42 \& \({ }^{65}\) \& 181 \& \\
\hline 19220 monthly average \& 580, 014 \& 35, 478 \& 93, 044 \& 451,492 \& 95,762 \& \& 1,498 \& 20, 382 \& \({ }_{7}^{73,989}\) \& \({ }_{425}^{533}\) \& \({ }_{154}^{173}\) \& \({ }_{42}^{51}\) \& \({ }_{57}^{82}\) \& 227 \& \\
\hline 1922 monthly average \& -485, 8 , 724 \& 8, 237
23,036 \& 104, 813 \& \({ }^{371,912}\) \& 112,778 \& \& 1,621 \& 25,751 \& \({ }^{77}{ }^{79} 7826\) \& \({ }_{459}\) \& \begin{tabular}{l}
173 \\
174 \\
\hline 1
\end{tabular} \& \({ }_{46}^{42}\) \& 62 \& 177 \& \\
\hline 1923 monthly a verage \& -676, 779 \& 43,337
49,814 \& \({ }^{143,338}\) \& 489,955
521,366 \& 129,745 \& \& - \& 30,057
34,178 \& -97, \({ }^{989}\) \& \begin{tabular}{l}
549 \\
591 \\
\hline
\end{tabular} \& \begin{tabular}{l}
235 \\
209 \\
\hline
\end{tabular} \& 56
61 \& \({ }_{73}^{72}\) \& \({ }_{222}^{212}\) \& \\
\hline 1924 monthly average. \& 734, 778 \& 49,814 \& 163, 630 \& 521,336 \& 144, 895 \& \& 2,618 \& 34, 178 \& 108,099 \& 591 \& 235 \& 61 \& 73 \& 222 \& \\
\hline 1925 monthly averag \& 884,261 \& 83, 232 \& 196,598 \& 604, 431 \& 164,363 \& \& 4,417 \& 39, 119 \& 120,828 \& 672 \& 267 \& 68 \& 85 \& 251 \& \({ }^{8} 100\) \\
\hline 1927 monthly avera \&  \& 87, 8 650 \& 223, \& \({ }^{6338}\) 6, 837 \& - 1788,080 \& \&  \& 44, 688 \& \& 711 \& \begin{tabular}{l}
287 \\
287 \\
\hline
\end{tabular} \& 71 \& 88 \& \& \({ }_{6}^{103}\) \\
\hline 1928 monthly average. \& 1,009,397 \& 111, 361 \& \(\stackrel{\text { 224, }}{277}\) \& 673, 659 \& 215, 859 \& \& 7, 332 \& 55, 209 \& 153,419 \& 745 \& 304 \& 74 \& 88 \& \({ }_{279}\) \& \({ }^{9} 96\) \\
\hline 1929 monthly average. \& 1,063,971 \& \({ }_{\substack{88 \\ 98 \\ 980 \\ 014}}\) \& 241,513 \& 723, \({ }^{798}\) \& \({ }^{232} \mathbf{2 3 6} \mathbf{6 6 3}\) \& \& 9,311 \&  \& \({ }_{164,643}^{162,696}\) \& \({ }_{773}^{804}\) \& \begin{tabular}{l}
327 \\
321 \\
\hline
\end{tabular} \& 881 \& \({ }_{87}^{91}\) \& \begin{tabular}{l}
305 \\
285 \\
\hline
\end{tabular} \& -697 \\
\hline 1931 monthly average. \& 916,929 \& 66,347 \& 233, 097 \& 617,485 \& 254,782 \& 13,393 \& 8,397 \& 63, 435 \& 169,557 \& 671 \& \({ }_{290}\) \& \({ }_{66}\) \& \({ }_{73}\) \& 285
241 \& \({ }^{8} 119\) \\
\hline January 1932 \& \multirow[b]{5}{*}{} \& \multirow[b]{2}{*}{111,920} \& \multirow[b]{2}{*}{\({ }^{2227,} 568\)} \& \multirow[b]{2}{*}{\({ }_{670,991}^{699}\)} \& \multirow[b]{2}{*}{\({ }_{247}^{245,270}\)} \& \multirow[b]{2}{*}{14, 48} \& \multirow[b]{2}{*}{8,861} \& \multirow[b]{2}{*}{\({ }^{60,570}\)} \& \multirow[b]{2}{*}{\({ }^{161,691}\)} \& \multirow[b]{2}{*}{635} \& \multirow[b]{5}{*}{\[
\begin{aligned}
\& 289 \\
\& 268 \\
\& 279 \\
\& 245 \\
\& 230 \\
\& 232
\end{aligned}
\]} \& \multirow[b]{5}{*}{\[
\begin{aligned}
\& 63 \\
\& 58 \\
\& 56 \\
\& 66 \\
\& 54 \\
\& 52 \\
\& 53
\end{aligned}
\]} \& \multirow[b]{5}{*}{\[
\begin{aligned}
\& 68 \\
\& 61 \\
\& 65 \\
\& 59 \\
\& 59 \\
\& 56
\end{aligned}
\]} \& \multirow[b]{5}{*}{\[
\begin{aligned}
\& 214 \\
\& 206 \\
\& 229 \\
\& .29 \\
\& 199 \\
\& 190 \\
\& 194
\end{aligned}
\]} \& \multirow[t]{2}{*}{--....--} \\
\hline January \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline March. \& \& 45,574 \& 251,059 \& \& 258, 096 \& 12,794 \& 9,333 \& 56,810 \& 179,159 \& \({ }_{6}^{639}\) \& \& \& \& \& 123 \\
\hline April \& \& 64, \({ }^{498}\) \& 236, 898 \& 515, 961 \& \({ }^{248} \mathbf{2 4 , 0 4 1}\) \& 13, 151 \& 8,178 \& \(\xrightarrow{57,693}\) \& \({ }^{169,019}\) \& 531 \& \& \& \& \& \\
\hline June:- \& \& 50,606 \& \(\xrightarrow{213,298}\) \& 499, 34 \& 239, 533 \& 10,731 \& 7 7,683 \& 65,020 \& 166, 119 \& 536 \& \& \& \& \& 137 \\
\hline July -- \& \multirow[t]{4}{*}{} \& \multirow[t]{4}{*}{\[
\begin{aligned}
\& 36,984 \\
\& 28,979 \\
\& 619018 \\
\& 38,888 \\
\& 36,662
\end{aligned}
\]} \& 206, 641 \& \multirow[t]{2}{*}{442,593
439,035 400, 412} \& \multirow[t]{3}{*}{\[
\begin{aligned}
\& 235,669 \\
\& 232,203 \\
\& \text { 207, } 206 \\
\& \text { 207 }
\end{aligned}
\]} \& 15,633 \& 7,506 \& 57,066 \& 155, 442 \& \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 212121 \\
\& { }_{2187}
\end{aligned}
\]} \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 47 \\
\& 47 \\
\& 42 \\
\& \hline 12
\end{aligned}
\]} \& \multirow[t]{2}{*}{51
51
48
48} \& \multirow[t]{2}{*}{\begin{tabular}{l}
176 \\
177 \\
\hline 1
\end{tabular}} \& \multirow[t]{2}{*}{-....--} \\
\hline \(\stackrel{\text { September }}{ }\) \& \& \& \& \& \& 10,036 \& 6,798 \& 53,379 \& \({ }_{137}^{1035}\) \& 438 \& \& \& \& \& \\
\hline Oetober- \& \& \& 198,053 \& \& \& 16, 932 \& \({ }_{7}^{7,285}\) \& 58, 515 \& \({ }^{151}\) 1, 803 \& \({ }_{479}^{479}\) \& 200 \& 49 \& 51 \& 179 \& \\
\hline November- \& \& \& \({ }_{154,864}^{1848}\) \& 445, 524 \& \({ }^{221,215}\) \& \%8,459 \& 7,063 \& 51, 418 \& \({ }_{179,330}^{151,297}\) \& \begin{tabular}{l}
499 \\
538 \\
\hline
\end{tabular} \& \({ }_{233}^{221}\) \& \({ }_{51}^{47}\) \& \({ }_{58}^{33}\) \& 179
196 \& 146 \\
\hline Monthly average. \& \multirow[t]{2}{*}{752, 978} \& \multirow[t]{2}{*}{52,} \& \multirow[t]{2}{*}{206, 439} \& \multirow[t]{2}{*}{494, 277} \& \multirow[t]{2}{*}{245, 436} \& \multirow[t]{2}{*}{13,976} \& 7, 887 \& 82, 019 \& \multirow[t]{2}{*}{161, 645} \& \multirow[t]{2}{*}{636} \& \multirow[t]{2}{*}{234} \& \multirow[t]{2}{*}{52} \& \multirow[t]{2}{*}{57} \& \multirow[t]{2}{*}{192} \& \multirow[t]{2}{*}{\({ }^{6} 141\)} \\
\hline 193 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline January- \& \multirow[t]{4}{*}{\begin{tabular}{l}
610,307 \\
637, 212 \\
625, 176 \\
641,102
684,012
\end{tabular}} \& \multirow[t]{2}{*}{\[
\begin{gathered}
22,546 \\
16,842 \\
17,346
\end{gathered}
\]} \& 168,312 \& 419,499 \& 239,503 \& 17,325 \& 9, 235 \& 59,243 \& \({ }_{153}^{153,700}\) \& 470 \& \multirow[t]{2}{*}{\begin{tabular}{l}
216 \\
210 \\
202 \\
\hline 20
\end{tabular}} \& \multirow[t]{2}{*}{42
44
43} \& 47
49 \& \multirow[t]{2}{*}{165
169
153
159} \& ....... \\
\hline March. \& \& \& 1887,761 \& 432, 105 \& 222, 73 \& 14, 300 \& 8,718 \& 50, 448 \& 153,307 \& 451 \& \& \& 47 \& \& \(1{ }^{1} 2\) \\
\hline \({ }^{\text {Aprilil }}\) \& \& 21, 711 \& 183,462 \& 420, 803 \& 224,739 \& \({ }^{13,554}\) \& 6,878 \& 48,520 \& \({ }_{155}^{155,787}\) \& \({ }_{482}^{452}\) \& \({ }_{212}^{205}\) \& \({ }_{46}^{46}\) \& \({ }_{5}^{52}\) \& \& \\
\hline June-. \& \& 23, 295 \& 198,046 \& \({ }_{442,671}^{428,514}\) \& \({ }^{235}\), 040 \& 21,891 \& \({ }_{7,412}^{7,87}\) \& 60,987 \& \({ }_{154,750}^{163,}\) \& \({ }_{476}\) \& \({ }_{208}\) \& \({ }_{44}^{40}\) \& \({ }_{55} 5\) \& 169 \& 154 \\
\hline July- \& \multirow[t]{2}{*}{662, \(\begin{gathered}647 \\ 685,01 \\ 5732\end{gathered}\)} \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 42,455 \\
\& 20,4,47 \\
\& \hline 20,237
\end{aligned}
\]} \& \multirow[t]{2}{*}{\begin{tabular}{l}
205,780 \\
209 \\
180 \\
180 \\
\hline 50
\end{tabular}} \& \multirow[t]{2}{*}{413,962} \& \multirow[t]{2}{*}{} \& \multirow[t]{3}{*}{\[
\begin{aligned}
\& 3,913 \\
\& 21,796 \\
\& 16,70
\end{aligned}
\]} \& \multirow[t]{2}{*}{\begin{tabular}{l}
8,253 \\
7,902 \\
6, 82 \\
\hline
\end{tabular}} \& \multirow[t]{2}{*}{54,025} \& 123, \({ }_{143}^{1288}\) \& 469 \& \multirow[t]{3}{*}{193
206
166
193
193} \& \multirow[b]{3}{*}{45
40
42
42} \& \multirow[t]{3}{*}{55
57
50
53
50} \& \multirow[t]{2}{*}{174} \& \\
\hline Supustember \& \& \& \& \& \& \& \& \& \({ }_{1}^{1330,537}\) \& \({ }_{406}^{482}\) \& \& \& \& \& 136 \\
\hline October- \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{25,920
41,483 55, 693} \& \multirow[t]{2}{*}{212,452} \& \multirow[t]{3}{*}{415,765
432,136
458,074
4} \& \multirow[t]{2}{*}{} \& \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{482

451
591} \& \& \& \& \multirow[t]{2}{*}{165
174
1788
198} \& \multirow[t]{2}{*}{$\cdots$} <br>
\hline November \& \& \& \& \& \&  \& \& \& \& \& 213
216 \& ${ }_{53}^{47}$ \& ${ }_{65}^{66}$ \& \& <br>
\hline Monthly average \& 646, 988 \& 29,707 \& 193,408 \& \& \multirow[t]{2}{*}{235,938} \& \multirow[t]{2}{*}{19,774} \& \multirow[t]{2}{*}{7, 829} \& 56, 909 \& \& 489 \& 204 \& 45 \& ${ }^{63}$ \& \multirow[t]{2}{*}{187} \& \multirow[t]{2}{*}{- 199} <br>
\hline 1934 \& \& \& \& \& \& \& \& \& \& \& \multirow[b]{2}{*}{202} \& \multirow[t]{2}{*}{} \& \& \& <br>
\hline January- \& \multirow[t]{4}{*}{} \& \multirow[t]{2}{*}{32,673

2688} \& \multirow[t]{2}{*}{\[
$$
\begin{aligned}
& 197,108 \\
& 196,816
\end{aligned}
$$

\]} \& \multirow[t]{2}{*}{| 431,676 418,784 |
| :--- |
| 482, |} \& \multirow[t]{2}{*}{\[

$$
\begin{aligned}
& 247,475 \\
& 222,615
\end{aligned}
$$
\]} \& \multirow[t]{2}{*}{25,054

19,586

298} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{50,051} \& 154, 310 \& ${ }_{471}^{472}$ \& \& \& \multirow[t]{4}{*}{\begin{tabular}{l}
53 <br>
54 <br>
54 <br>
63 <br>
68 <br>
68 <br>
66 <br>
\hline

\end{tabular}} \& \multirow[t]{4}{*}{\[

$$
\begin{aligned}
& 174 \\
& 169 \\
& 209 \\
& 211 \\
& 213 \\
& 199
\end{aligned}
$$
\]} \& <br>

\hline March. \& \& \& \& \& \& \& \& \& 163,126 \& ${ }_{571}$ \& 244 \& \multirow[t]{3}{*}{| 45 |
| :--- |
| 55 |
| 55 |
| 56 |} \& \& \& \multirow[t]{3}{*}{\[

\left\lvert\, $$
\begin{gathered}
-125 \\
\hdashline-\cdots i 8
\end{gathered}
$$\right.
\]} <br>

\hline April. \& \& 66, 213 \& ${ }^{220,366}$ \& 508, 671 \& ${ }^{242} 24.8178$ \& 24,640
2868 \& 8,255
88
8 \& 55,339 \& ${ }^{\text {cose }}$ \& 581
588
58 \& 248
251
251 \& \& \& \& <br>
\hline June- \& \& 57, 812 \& 211, 473 \& 488,007 \& 244, 362 \& 28, 257 \& 7,814 \& 54, 523 \& ${ }_{153,068}^{157}$ \& ${ }_{556}$ \& 233 \& \& \& \& <br>
\hline July-- \& \multirow[t]{4}{*}{} \& \multirow[t]{4}{*}{} \& \multirow[t]{4}{*}{} \& 441,167 \& ${ }^{250,616}$ \& \& \& \& 154, 952 \& 498 \& ${ }^{212}$ \& \& \& \& <br>

\hline August- \& \& \& \& 354, 430 \& 232, ${ }^{237}$ 893 \&  \& ${ }_{7}^{8,870}$ \& 49, 172 \& ${ }_{128,740}^{142}$ \& ${ }_{400}^{488}$ \& | 208 |
| :--- |
| 162 | \& ${ }_{40}^{47}$ \& ${ }_{51}^{59}$ \& 176 \& <br>


\hline Oectober \& \& \& \& 438,554 \& 243, 181 \& 26,794 \& 8 8, 344 \& 55, 301 \& 152, 742 \& ${ }_{4}^{495}$ \& | 213 |
| :--- |
| 206 |
| 208 | \& ${ }_{46}^{49}$ \& ${ }_{58}^{58}$ \& 175 \& <br>

\hline Decemimer.- \& \& \& \& $\stackrel{4}{488,677}$ \& ${ }^{\text {2365, } 546}$ \& 36, ${ }_{7}^{36,054}$ \& 7,753 \& -84,056 \& $\xrightarrow{178,681}$ \& 590 \& ${ }_{261}^{206}$ \& ${ }_{58}$ \& ${ }_{71}$ \& 209 \& 135 <br>
\hline Monthly average. \& 712,782 \& 41,420 \& 210, 002 \& 480, 740 \& 248,789 \& 31, 146 \& 8,493 \& 66,731 \& 162, 420 \& 615 \& 220 \& 60 \& ${ }^{61}$ \& 185 \& 126 <br>
\hline 1935 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline ${ }_{\text {February }}$ \& 821,403 \& ${ }^{27,348}$ \& 196,255 \& 597, 800 \& 299,651 \& 71,062 \& 9, 8864 \& 52, 549 \& 166,176 \& ${ }_{645}^{645}$ \& ${ }_{321} 305$ \& ${ }_{53}^{55}$ \& ${ }_{61}^{70}$ \& \& <br>
\hline March. \& 763, 9107 \& 30,611 \& 235, 261 \& 498, 3 45 \& 250, 420 \& 26, 251 \& 10, 114 \& 54,257 \& 159,798 \& 545 \& 233 \& ${ }_{54}^{53}$ \& 64 \& 194 \& <br>
\hline ${ }_{\text {April }}$ \& 726, 789 \& 37,495

50,231 \&  \& ${ }^{463,425} 4$ \& 250,845 \& 28, \& $\stackrel{8,580}{8,966}$ \& S4, 88.658 \&  \& | 640 |
| :--- |
| 500 |
| 00 | \& 203

201
201 \& 59
52
52 \& 66
62
59 \& 184
184
189 \& <br>
\hline June- \& 689,828 \& 39, 537 \& 205,951 \& 441,340 \& 240,355 \& 30, 120 \& 8 8,415 \& 52,331 \& 149,489 \& 490 \& 201 \& 52 \& \& 179 \& 126 <br>

\hline July--- \& \& 267, 582 \& 203, 465 \& ${ }_{4} 488,548$ \& 266,721 \& ${ }_{39}^{39,157}$ \& 9, 567 \& 55, 488 \& 1122, \& | 485 |
| :--- |
| 456 |
| 50 | \& \& \& \& 177 \& <br>

\hline August-abe \& ${ }^{64696} \mathbf{4 1 8}$ \& 22, 2681 \& 208,509 \& 481, 837 \& ${ }_{223,81}^{238,}$ \&  \& $\stackrel{8,587}{8,58}$ \& 653, 4641 \& - 1455,388 \& ${ }_{414}^{456}$ \& 168 \& 4 \& ${ }^{53}$ \& 106
149
1 \& <br>

\hline October- \& 724, 1013 \& 31, 38 \& 23, 29 \& 459, 087 \& 244,678 \& 31, 312 \& 8 8, 545 \& 49,790 \& ${ }^{1855,319}$ \& $\begin{array}{r}502 \\ 495 \\ \hline\end{array}$ \& | 215 |
| :--- |
| 208 | \& ${ }_{51}^{51}$ \& ${ }_{60}^{60}$ \& 176 \& <br>

\hline Decomber. \& 782, 250 \& 74,606 \& 187,874 \&  \& 349,175 \& 64, 350 \& 10,682 \& 94, ${ }^{342}$ \& 179,031 \& 576 \& 233 \& 64 \& 69 \& 209 \& 118 <br>
\hline Monthly average.....-- \& 730, 618 \& 65,429 \& 210, 107 \& 486,080 \& 256, 978 \& 96,722 \& 9, 154 \& 56, 244 \& 168,868 \& 615 \& 217 \& ${ }^{53}$ \& ${ }^{6}$ \& 184 \& ${ }^{122}$ <br>
\hline
\end{tabular}

For footnotes see p. 163.

FINANCE-FOREIGN EXCHANGE RATES ${ }^{1}$

| Year and Month | $\begin{gathered} \text { Argen- } \\ \text { tina2 } \\ (\text { peso }) \end{gathered}$ | $\underset{\substack{\text { Belgi- } \\ \text { (belga) }}}{\text { Ben }}$ | $\underset{\substack{\text { Brazill } \\(\text { milis }}}{\substack{ \\\text { reis }}}$ | Canada (Cadollar) | Chile ${ }^{2}$ (peso) | EngJand (pound Ster- ling) | France (frane) | Ger-(relchsmark) | $\underset{\text { (rupee) }}{\text { India }}$ | $\begin{aligned} & \text { Italy } \\ & \text { (IIra) } \end{aligned}$ | $\underset{(\text { yent })}{\text { Japan }}$ | Nether lands (forin) | $\underset{(\text { peseta })}{\text { Spain }}$ | Sweden (krona) | $\begin{aligned} & \text { Uru- } \\ & \text { guay: } \\ & \text { (peso) } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | In dollars per unit of foreign currency |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1913 monthly average. | 0.983 |  | 0.322 | 1. 000 | 0.198 | 4.87 | 0.193 | 0.238 |  | 0.193 | 0.495 | 0.402 | 0.181 | 0. 268 | 1.048 |
| 1914 monthly average. | . 964 |  | . 293 | 1.000 | . 183 | 4.91 | . 195 | . 235 |  | . 193 | . 493 | . 406 | . 210 | . 206 | 1.043 |
| 1915 monthly average. | . 939 |  | 247 | . 998 | . 163 | 4.75 | . 180 | . 206 |  | . 166 | . 450 | 403 | . 192 | 259 | 197 |
| 1916 monthly average. | 972 |  | 235 | . 998 | . 188 | 4.76 | . 170 | . 182 |  | . 153 | . 502 | . 418 | 199 | 288 | 1.041 |
| 1917 monthly average. | 1.014 |  | . 250 | . 998 | . 252 | 4.75 | . 173 | . 157 |  | 133 | . 607 | . 419 | . 225 | . 326 | 1.111 |
| 1918 monthly average. | 1.009 |  | . 253 | . 983 | . 289 | 4.76 | . 178 | . 172 |  | . 131 | . 515 | . 468 | . 245 | . 328 | 1. 202 |
| 1919 monthly average. | . 900 |  | . 267 | . 956 | . 220 | 4.43 | . 137 | . 067 | 0.403 | . 114 | . 512 | . 391 | . 108 | 255 | 1. 099 |
| 1920 monthly average. | . 907 |  | . 225 | . 893 | . 185 | 3. 66 | . 070 | . 018 | . 389 | . 050 | . 504 | . 344 | . 159 | 205 | . 863 |
| 1921 monthly average. | . 730 |  | . 131 | . 8986 | . 121 | 3. 85 | . 075 | . 012 | . 262 | . 043 | . 483 | . 337 | . 135 | . 225 | . 688 |
| 1922 monthly average. | . 818 |  | . 130 | . 985 | . 122 | 4.43 | . 082 | . 002 | . 257 | . 048 | . 478 | . 385 | . 155 | . 262 | . 794 |
| 1923 monthly average. | . 786 |  | . 102 | . 980 | . 122 | 4. 57 | . 061 |  | . 311 | . 048 | . 486 | . 391 | . 145 | . 286 | . 791 |
| 1924 monthly average. | . 781 |  | . 109 | . 987 | . 105 | 4.42 | . 052 | . 231 | . 318 | . 044 | . 412 | . 382 | . 133 | . 265 | . 823 |
| 1925 monthly average. | . 914 |  | . 122 | 1.000 | . 116 | 4.83 | . 048 | . 238 | . 363 | . 040 | . 410 | . 402 | . 143 | . 269 | . 984 |
| 1926 monthly average. | . 922 |  | . 144 | 1.000 | . 121 | 4.86 | . 032 | . 238 | . 363 | . 039 | . 471 | .401 | . 149 | .268 | 1.015 |
| 1927 monthly average. | . 963 | 0.139 | . 118 | 1.000 | . 121 | 4.86 | . 039 | . 238 | . 363 | . 052 | . 574 | . 401 | . 171 | . 288 | 1. 013 |
| 1928 monthly average. | . 805 | . 139 | . 120 | . 999 | . 122 | 4.87 | . 039 | . 239 | . 365 | . 053 | . 464 | . 402 | . 1617 | . 268 | 1. 0227 |
| 1920 monthly average. | . 851 | . 139 | . 118 | . 993 | . 121 | 4.86 | . 039 | . 239 | . 362 | . 052 | . 461 | . 402 | . 147 | . 268 | . 986 |
| 1930 monthly average. | . 835 | . 140 | . 091 | . 998 | . 121 | 4.86 | . 039 | . 239 | . 361 | . 052 | . 494 | . 402 | . 117 | .269 | . 859 |
| 1931 monthly average. | . 667 | . 139 | . 071 | . 963 | . 121 | 4.53 | . 039 | . 236 | . 337 | . 052 | . 489 | . 402 | . 096 | . 253 | . 554 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January.- | 0. 583 | 0. 139 | 0.062 | 0.851 | 0.121 | 3. 43 | 0.039 | 0. 237 | 0. 258 | 0.050 | 0. 360 | 0.402 | 0.084 | 0. 102 | 0.449 |
| February | . 582 | . 139 | . 062 | . 873 | 121 | 3. 46 | - 039 | 237 | . 260 | 052 | . 343 | 404 | . 078 | . 193 | . $4 ¢ 2$ |
| March | . 588 | . 139 | . 062 | . 889 | . 121 | 3.64 | . 039 | . 238 | . 273 | 052 | . 322 | . 403 | . 076 | . 199 | . 471 |
| April. | . 582 | . 140 | . 065 | . 899 | . 107 | 3.75 | . 039 | . 237 | . 280 | 052 | . 328 | . 405 | . 077 | . 191 | . 473 |
| May.. | . 583 | . 140 | . 071 | . 884 | . 060 | 3.68 | . 040 | . 238 | . 273 | . 052 | . 320 | . 406 | . 081 | . 187 | . 475 |
| June. | . 585 | . 139 | . 075 | . 867 | . 060 | 3.65 | . 039 | . 237 | 272 | . 051 | . 303 | 404 | . 083 | . 187 | . 472 |
| July | . 588 | . 139 | . 076 | . 871 | . 060 | 3. 55 | . 039 | . 237 | . 267 | . 051 | . 275 | . 403 | . 081 | . 182 | . 476 |
| August | . 586 | . 139 | . 076 | . 876 | . 060 | 3.48 | . 039 | . 238 | . 262 | . 051 | . 245 | . 402 | . 081 | . 179 | . 474 |
| September | . 586 | . 139 | . 076 | . 903 | . 060 | 3.47 | . 039 | . 238 | . 262 | . 051 | . 236 | . 402 | . 081 | 178 | . 474 |
| October- | . 586 | . 139 | . 076 | . 912 | . 060 | 3. 40 | 039 | . 238 | 257 | 051 | . 231 | 402 | . 082 | 175 | . 474 |
| November | . 588 | . 139 | . 076 | . 873 | . 060 | 3.28 | . 039 | . 238 | . 248 | . 051 | . 206 | 402 | . 082 | . 174 | 473 |
| December | . 586 | . 139 | . 076 | . 866 | . 060 | 3.28 | . 039 | . 238 | . 248 | . 051 | 207 | 402 | . 082 | . 179 | 473 |
| Monthly average. | . 588 | . 138 | . 071 | . 881 | . 079 | 3.51 | . 039 | . 238 | . 263 | . 051 | . 281 | . 403 | . 081 | . 185 | . 471 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | . 686 | . 139 | . 076 | . 875 | . 060 | 3.36 | . 039 | . 238 | . 254 | . 051 | . 207 | . 402 | . 082 | 183 | . 473 |
| February | . 588 | . 140 | . 076 | . 835 | . 060 | 3.42 | . 039 | . 238 | . 258 | . 051 | . 208 | . 403 | . 083 | . 183 | . 473 |
| March | . 583 | . 140 | . 076 | . 835 | . 060 | 3.43 | . 039 | . 239 | . 258 | . 051 | . 213 | . 404 | . 084 | 182 | . 474 |
| April. | . 605 | . 145 | . 076 | . 847 | . 060 | 3. 58 | . 041 | . 244 | . 269 | . 054 | . 221 | . 420 | . 089 | . 188 | . 478 |
| May | . 679 | . 171 | . 076 | . 876 | . 063 | 3. 93 | . 046 | . 274 | . 296 | . 061 | . 240 | . 470 | . 100 | . 202 | . 532 |
| June. | . 711 | . 171 | . 076 | . 899 | . 075 | 4. 14 | . 048 | . 288 | . 311 | . 064 | . 258 | . 490 | . 104 | . 213 | . 516 |
| July. | . 807 | . 195 | . 079 | . 945 | . 084 | 4.65 | . 055 | . 333 | . 349 | . 074 | . 288 | . 562 | . 117 | . 240 | . 6.51 |
| August | . 794 | . 192 | . 080 | . 943 | . 082 | 4.50 | . 054 | . 327 | . 339 | . 072 | . 269 | . 554 | . 115 | . 232 | . 648 |
| September | . 861 | . 207 | . 082 | . 965 | . 087 | 4.66 | . 058 | . 354 | . 350 | 078 | . 273 | . 599 | . 124 | 241 | . 702 |
| October-- | . 861 | . 207 | . 088 | . 976 | . 089 | 4. 67 | . 058 | . 354 | . 350 | 078 | . 278 | . 600 | 124 | 241 | . 708 |
| November | . 920 | . 223 | . 086 | 1.012 | . 101 | 5. 15 | . 063 | . 382 | . 383 | 084 | . 304 | . 646 | 131 | 266 | . 763 |
| December. | . 758 | . 217 | . 086 | 1.006 | . 096 | 5.12 | . 061 | . 373 | . 384 | . 082 | . 307 | . 629 | . 128 | . 204 | . 740 |
| Monthly average. | . 729 | . 178 | . 080 | . 918 | . 076 | 4.22 | . 050 | . 304 | . 317 | . 087 | . 256 | . 515 | . 107 | . 211 | . $\mathrm{C01}$ |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | . 335 | . 220 | . 086 | . 995 | . 095 | 5.05 | . 062 | . 376 | . 380 | . 083 | . 301 | 636 | 1 c | 2F: | 75 |
| Fobruary | . 334 | . 223 | . 088 | . 992 | . 096 | 5.03 | . 065 | . 389 | . 379 | .086 | . 298 | . 660 | . 13 B | 24 | 78 |
| April. | . 344 | . 234 | . 088 | -. 9902 | .103 | 6.09 5.15 | . 0666 | . 397 | $!383$ <br> .388 | . 086 | . 300 | .673 | . 138 |  | set |
| May. | . 340 | . 234 | . 086 | 1.002 | .103 | 5.11 | . 066 | . 395 | . 383 | 085 | . 302 | 679 | . 137 | .26: | nit |
| June. | . 337 | . 234 | . 085 | 1.008 | . 102 | 5.05 | . 066 | . 383 | . 379 | 086 | . 299 | 678 | . 137 | , efr | . 803 |
| July... | . 336 | . 234 | . 084 | 1.012 | . 103 | \%. 04 | . 066 | . 385 | . 379 | 086 | . 298 | 678 | .13\% | 2 | . nol |
| August- | . 338 | . 237 | . 085 | 1.024 | . 103 | 6. 07 | . 067 | . 395 | . 381 | 087 | . 300 | , 685 | . $1: 5$ | 261 | . 10 |
| September | . 333 | . 237 | . 083 | 1.029 | . 103 | 4. 99 | 067 | . 403 | . 376 | 087 | . 208 | . 686 | . $1 \% 8$ | \% | . $\mathrm{s12}$ |
| October--- | . 330 | - 235 | . 082 | 1.021 | . 103 | 4. 94 | . 066 | . 405 | . 371 | 086 | . 287 | . 681 | . 137 | . 25 | . 806 |
| November- | . 333 | . 233 | . 082 | 1.025 | . 104 | 4. 99 | . 066 | . 402 | . 375 | 085 | . 201 | , 676 | . 137 | . 257 | . 802 |
| December | . 330 | . 234 | . 082 | 1.013 | . 102 | 4.95 | . 066 | . 402 | . 372 | 085 | . 288 | . 676 | .137 | .255 | . 802 |
| Monthly average.... | . 398 | . 293 | . 084 | 1.010 | . 102 | 5.04 | . 088 | . 394 | . 379 | . 088 | . 297 | . 874 | . 138 | . 280 | . 600 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | . 326 | . 233 | . 082 | 1. 002 | . 051 | 4. 89 | . 066 | . 401 | . 369 | 085 | 285 | 675 | . 136 | . 252 | . 800 |
| February | . 325 | . 233 | . 081 | . 999 | . 051 | 4. 87 | . 066 | . 401 | . 368 | . 085 | 284 | . 676 | . 133 | . 251 | . 81 |
| March | . 318 | . 228 | . 082 | . 999 | . 051 | 4. 78 | . 066 | . 404 | . 360 | 083 | . 280 | 6se | . 137 | . 246 | . 805 |
| April. | . 322 | . 169 | . 083 | . 995 | . 051 | 4.84 | . 060 | . 403 | . 364 | . 083 | 284 | . 675 | . 137 | . 249 | . N 02 |
| May.- | . 326 | . 169 | . 083 | . 999 | . 051 | 4.89 | . 066 | . 402 | . 369 | . 082 | 287 | 67\% | . 137 | . 252 | . 801 |
| Junc.... | . 329 | . 169 | . 083 | . 909 | . 051 | 4.93 | . 066 | . 404 | . 372 | . 083 | . 290 | 679 | . 137 | . 254 | . 804 |
| July-.. | . 330 | . 169 | . 083 | . 998 | . 051 | 4.96 | . 066 | . 404 | . 373 | . 082 | 292 | 680 | 137 | . 256 | 805 |
| August.-. | . 331 | . 169 | . 084 | . 998 | . 051 | 4.97 | . 066 | . 403 | . 375 | . 082 | 293 | .678 | . 137 | . 256 | .803 |
| September. | . 329 | . 169 | . 083 | . 993 | . 051 | 4.93 | . 066 | . 402 | . 372 | . 081 | 289 | 676 | . 137 | . 214 | . 801 |
| October- | . 327 | . 168 | . 084 | . 988 | . 051 | 4.91 | . 066 | . 402 | 370 | 081 | 287 | . 678 | . 137 | . 253 | . 802 |
| November. | . 328 | .. 169 | . 084 | . 989 | . 051 | 4. 92 | . 066 | . 402 | . 371 | 081 | 287 | 678 | . 136 | . 254 | . 802 |
| December. | . 329 | . 169 | . 084 | . 990 | . 051 | 4.93 | 066 | . 402 | . 372 | 081 | 287 | 678 | . 137 | . 254 | . 802 |
| Monthly average | . 327 | . 185 | . 083 | . 995 | . 051 | 4.80 | . 088 | . 403 | . 370 | . 082 | . 287 | . 677 | . 197 | . 253 | . 803 |

For footnotes see pp. 163, 164.

## FINANGE-MONETARY STATISTICS



For footnotes see p. 164.

FINANCE-CORPORATION PROFITS


# FINANCE-FEDERAL DEBT, EXPENDITURES AND REVENUES ${ }^{1}$ 



For footnotes see p. 164.

## FINANGE-RECONSTRUCTION FINANGE CORPORATION LOANS ${ }^{1}$



For footnotes see p. 164.

FINANCE-CAPITAL FLOTATIONS


For footnotes see p. 165.

FINANGE-CAPITAL FLOTATIONS-Continued


For footnotes see p. 165.

## FINANCE-CAPITAL FLOTATIONS-Continued



For footnotes see p. 165.


For foninotes see p. 185

FINANCE-BOND SALES AND VALUE OF LISTED BONDS


For footnotes see p. 165.

FINANCE—BOND YIELDS AND DIVIDENDS

| $\begin{aligned} & \text { Year and } \\ & \text { MONTH } \end{aligned}$ | BOND YIELDS |  |  |  |  |  |  | CASH DIVIDEND PAYMENTS |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Standard Statisties ${ }^{\text {I }}$ |  |  |  |  |  | $\begin{gathered} \text { U.S. } \\ \text { Treas- } \\ \text { bonds } \end{gathered}$ | New York Times ${ }^{\text {4 }}$ |  |  | Mcody's ${ }^{\text {s }}$ |  |  |  |  |  |  |  |
|  | Corporate issues |  |  |  | Mu-niclpals |  |  | Total | $\begin{gathered} \text { Indus- } \\ \text { trials } \\ \text { and } \\ \text { miscel- } \\ \text { lane- } \\ \text { ous } \end{gathered}$ | $\begin{aligned} & \text { Baill- } \\ & \text { roads } \end{aligned}$ | $\left\|\begin{array}{c} \text { Total } \\ \text { annual } \\ \text { pay- } \\ \text { ments } \\ \text { at cur- } \\ \text { rent } \\ \text { rates } \\ (600 \text { cos. }) \end{array}\right\|$ | Number of shares, adJusted | Average dividend rate per share (weighted average) |  |  |  |  |  |
|  | Combined | $\begin{aligned} & \text { In- } \\ & \text { dus- } \\ & \text { trials } \end{aligned}$ | $\begin{aligned} & \text { Pub- } \\ & \text { lic } \\ & \text { utili- } \\ & \text { ties } \end{aligned}$ | Railroads |  |  |  |  |  |  |  |  | Total | Banks | $\begin{aligned} & \text { Ine } \\ & \text { dus- } \\ & \text { trlals } \end{aligned}$ | $\begin{aligned} & \text { ln- } \\ & \text { sur- } \\ & \text { ance } \end{aligned}$ | $\begin{aligned} & \text { Pub- } \\ & \text { lic } \\ & \text { utilli- } \\ & \text { ties } \end{aligned}$ | $\begin{aligned} & \text { Rail- } \\ & \text { roads } \end{aligned}$ |
|  | Number of issues |  |  |  |  |  |  |  |  |  |  |  | Number of companies |  |  |  |  |  |
|  | 45 | 15 | 15 | 15 | 15 | 20 |  |  |  |  |  |  | 600 | 21 | 492 | 21 | 30 | 36 |
|  | Percant |  |  |  |  |  |  | Thousands of dollars |  |  | Millions of dollars | Millions of shares | Dollars |  |  |  |  |  |
| 1913 mo av | ${ }^{4.78}$ | 4. 99 | 4. 94 | 4.42 | 4. 22 | 4.45 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1914 mo. av---- | 8 4.78 <br> 4.83 | 64.93 4.97 | 64.87 4.88 | 8 ${ }^{8} 4.46$ | $\begin{array}{r}84.12 \\ 4.18 \\ \hline\end{array}$ | 4. 16 4.23 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1916 mo av-.- | 4. 73 | 4. 88 | 4.79 | 4. 49 | 3. 94 | 4. 06 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1917 mos. av--- | 4. 89 | 5. 09 | 5. 09 | 4. 79 | 4. 20 | 4.31 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1919 mo. av. | 5.51 | 5.40 | 5.84 | 5.29 | 4.46 | 4.50 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1920 mo av | 6.18 | 6.01 | 6.73 | 5.79 | 4.98 | 5.04 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1921 mo. av.-- | 6. 03 | 5.96 | 6. 56 | 5.57 | 5. 09 | 5.02 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1922 mog av--- | 5.17 5.22 | 5.21 5.26 | 5.46 | 4.85 4.88 | 4. 23 4.25 4 | 4.21 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1923 mo. avo.- | 5. 5.02 50.02 | 5. ${ }^{5.26}$ | 5. 51 | 4. 98 4.78 | 4. 25 4.20 | 4.21 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1925 mo. av | 4.93 | 5.06 | 5.06 | 4.67 | 4.09 | 4.13 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1926 mo . av- | 4.77 | 4.91 | 4. 90 | 4.51 | 4.08 | 4.14 | 3. 68 |  |  |  |  |  |  |  |  |  |  |  |
| 1927 mo av--- | 4.65 | 4.83 | 4.78 | 4.31 | 3.88 | 3. 99 | 3. 34 |  |  |  |  |  |  |  |  |  |  |  |
| 1928 mo .av...- | 4.63 4.84 | 4. 88 508 | 4.68 4.86 | 4.34 4.60 | 4.05 4.27 | 4.06 4.32 | 3.33 3.60 | 254, 324 | 234, <br> 3089 | ${ }^{39,008}$ | 72,536.9 | 1858.28 | 12.96 | 15.72 | 12.66 | '3.31 | 72.49 | 70.06 |
| 1930 mog av..- | 4.66 | 4.95 | 4.65 | 4. 39 | 4.07 | 4.12 | 3.28 | 386, 551 | 340, 708 | 45, 843 | 2,602.0 | 893.76 | 2.91 | 5. 99 | 2.51 | 3.57 | 2.89 | 6. 16 |
| 1931 mo. av-a- | 4.91 | 5.51 | 4.60 | 4.61 | 4.01 | 4.07 | 3.31 | 329, 516 | 294,588 | 34, 929 | 2,134.7 | 915.72 | 2.33 | 5.75 | 1.85 | 3.37 | 2.97 | 4.77 |
| $1932$ | 6.08 | 7.11 | 5.36 |  | 4.82 | 4.94 | 4.32 | 202, 300 | 181, 637 | 20,663 | 1,744.2 | 922.50 | 1.89 | 5.84 | 1.48 | 2.05 | 2.83 | 2.64 |
| February- | 6.08 | 6.98 | 5.49 | 5.78 | 5. 03 | 4.96 | 4.11 | 386, 908 | 337, 527 | 29, 469 | 1,621.4 | 922.57 | 1.76 | 5.70 | 1.33 | 2. 2.65 | 2.80 | 2.36 |
| March---- | 5.80 | 6.79 | 5.30 | 5.60 | 4.79 | 4.73 | 3.91 | 250, 405 | 239, 461 | 10,944 | 1,545.0 | 922.70 | 1.67 | 4.99 | 1.27 | 2.89 | 2.76 | 2.18 |
| April....- | 6.33 | 7.33 | 5. 50 | 6.16 | 4. 73 | 4.77 | 3.66 | 161, 770 | 154, 515 | 7, 265 | 1,476.6 | 924.54 | 1.00 | 4.99 | 1.22 | 2.77 | 2.69 | 1.68 |
| May...-- | 6.86 | 8.35 | 5. 65 | 6. 57 | 4.77 | 4. 94 | ${ }_{3}^{3.71}$ | 271,120 216,662 | 257,574 <br> 187 <br> 101 | \| $\begin{aligned} & 13,546 \\ & 28 \\ & 8861\end{aligned}$ | $1,367.1$ <br> 1,245 | ${ }^{924} 888$ | 1.48 1.34 | 4.99 4.36 | 1.09 1.01 | 2.77 2.81 | 2.68 <br> 2.42 | 1.37 |
| June.... | 7.28 | 9.17 | 5.77 | 6.83 | 4.81 | 5.09 | 3.73 | 216, 662 | 187, 801 | 28, 861 | 1,245.9 | 927.05 | 1.34 | 4.36 | 1.01 | 2.81 | 2.42 | 1.12 |
| July | 6.97 | 8.67 | 6.65 | 6.60 | 4.78 | 4.82 | 3.55 | 122,561 | 113, 820 | 8,741 | 1,216. 5 | 927.11 | 1.31 | ${ }^{4.36}$ | . 99 | 1.95 | 2.35 | 1. 12 |
| August-- | 5.94 | 6. 93 | 6. 22 | 5. 64 | 4. 50 | 4.55 | 3.42 | 246.113 | 226, 892 | 19, 221 | 1,163.6 | 928.42 | 1.25 | 4.36 | . 94 | 1.87 | 2.35 | . 81 |
| Septomber | 5.888 | 6.61 6.91 | 6.06 5.11 | 5.36 5. 63 | 4. 4 4.37 | 4.67 4.69 | 3.38 3.38 | 133, 344 | 126, 878 | 6,466 | 1,148.7 | ${ }_{928.12}$ | 1.24 1.24 | 4.36 4.36 | . 92 | 1.89 | 2.30 2.30 | .81 |
| November.- | 6. 10 | 7.32 | 6.14 | 5.86 | 4.38 | 4.65 | 3.39 | 264, 189 | 243, 592 | 20, 597 | 1,126.8 | 925.58 | 1.22 | 4.37 | . 90 | 1.89 | 2.34 | . 81 |
| December...- | 6.21 | 7.38 | 5. 06 | 6.19 | 4.37 | 4.61 | 3.31 | 206, 769 | 190, 508 | 15, 261 | 1,119.7 | 925. 25 | 1.21 | 4.37 | . 80 | 1.80 | 2.31 | . 81 |
| Monthly av...-- | 8, 27 | 7.46 | 5. 38 | 6. 99 | 4.65 | 4.77 | 3.68 | 216, 486 | 201, 185 | 15, 301 | 1, 326.9 | 925. 00 | 1.48 | 4.75 | 1.08 | 2.34 | 2.61 | 1. 88 |
| 1933 January | 6.04 | 7.29 | 4.91 | 5. 93 | 4.23 |  | 3.19 | 164,840 | 140, 343 | 24, 497 | 1,112.9 | 924. 21 | 1. 20 | 4.37 | . 88 | 1.89 | 2.31 | 86 |
| February | 6.21 | 7.60 | 5.11 | 5. 93 | 4.28 | 4.92 | 3.29 | 222, 244 | 206, 328 | 15, 016 | 1,070.3 | 924. 39 | 1.16 | 4.37 | . 82 | 1.78 | 2.31 | 86 |
| March | 6.71 | 8.14 | ¢. 64 | 6. 45 | 4.88 | 5.24 | 3.44 | 162, 468 | 158, 000 | 4,468 | 1,024.9 | 922.56 | 1.11 | 3.90 | . 78 | 1. 76 | 2.25 | 6 |
| April. | 6.82 | 8.27 | 5.63 | 6. 56 | 5.05 | 5.69 | 3.43 | 130, 607 | 124, 823 | 5,784 | 1,006. 2. | 923.32 | 1.09 | 3.87 | . 77 | 1. 66 | 2.19 | . 86 |
| May | 5. 94 | 6.94 | 5.23 | 5. 63 | 5.27 | 5. 35 | 3.31 | 218, 591 | 199, 362 | 19, 229 | 976.0 | 923.36 | 1.06 | 3. 86 | . 72 | 1. 66 | 2.19 | . 86 |
| June. | 5. 59 | 6.39 | 5. 03 | 5.34 | 4.71 | 5.09 | 3.22 | 211,890 | 191, 066 | [20,824 | 965.4 | 923.29 | 1.05 | 3.55 | . 72 | 1.66 | 2.19 | . 86 |
| July---------- | 5.33 | 6.16 | 4.86 | 4.97 | 4.60 | 5.00 | 3.20 | 116, 211 | 105, 160 | 11, 051 | 972.4 | 923.63 | 1.05 | 3. 55 | . 73 | 1.66 | 2.19 | . 86 |
| August ${ }_{\text {Soptember }}$ | 5.31 5.51 5. | 6.14 6.30 | 4.84 5.01 | 4. 95 5.23 | 4. 64 4.59 | 4. 98 4.94 | 3.21 3.20 | 211,432 | 197, 493 | 13,039 <br> 6,052 | 970.6 978.8 | 923.84 923.78 | 1.05 |  | . 73 | 1.66 1.66 | 2.15 2.11 | . 80 |
| October-... | 5.65 | 6.49 | 5.12 | 5.35 | 4.60 | 5.01 | 3.22 | 123,482 | 117, 263 | 6,229 | 978.2 | 923.80 | 1.06 | 3.55 | . 76 | 1. 66 | 2.07 | . 91 |
| November-- | 6.00 | 6.73 | 5.41 | 5.86 | 4.89 | 5.52 | 3.46 | 259, 518 | 243, 742 | 15, 776 | 1,017.8 | 926. 13 | 1.10 | 3. 55 | . 82 | 1. 66 | 2.07 | . 91 |
| December. | 5.88 | 6.68 | 5.40 | 5.64 | 4.89 | 5.48 | 3. 53 | 191, 095 | 165, 023 | 26, 772 | 1,023. 4 | 926.13 | 1.11 | 3.61 | . 83 | 1.67 | 2.07 | . 01 |
| Monthly av---- | 5. 82 | 8. 93 | 5. 18 | 5. 65 | 4.71 | 5. 14 | 3. 31 | 181, 493 | 187, 265 | 14,228 | 1,008. 1 | 924.04 | 1.09 | 3. 77 | . 78 | 1.70 | 2.18 | . 88 |
| January 193 | 5. 44 | 6.17 | 5.08 | 5.07 | 4.67 | 4.89 | 3.50 | 201, 854 | 174, 709 | 27, 145 | 1,038.7 | 926. 42 | 1.12 | 3.58 | . 85 | 1.67 | 2.06 | 88 |
| February------ | 5. 04 | 6.70 | 4.75 | 4.66 | 4. 48 | 4. 74 | 3.32 | 212,413 | 188, 244 | 24, 169 | 1,063.4 | 926.87 | 1.15 | 3.58 | . 88 | 1.67 | 2.06 | . 98 |
| March_....... | 4.91 | 5.51 | 4. 65 | 4.56 | 4. 24 | 4.56 | 3.21 | 177, 807 | 172, 416 | 5, 391 | 1, 079.8 | 929.04 | 1.16 | 3. 58 | . 91 | 1.69 | 2.166 | . 88 |
| April.-...---- | 4. 78 48 4 48 | 5.28 | 4.58 4.57 4 | 4. 46 4.47 4 | 4. 11 | 4.27 4 4 | 3.12 <br> 3.01 | 162,170 | 155, 651 | 6,519 | $1,073.4$ 1 1 1 | 929.04 929 | 1.16 | 3. ${ }_{\text {3. } 58}$ | .91 | 1.70 1.70 | 1.98 | . 98 |
| June----------- | 4.78 4.72 | 6.29 5.19 | 4.57 4.51 | 4. 47 4.45 | 3.193 3.73 | 4. 17 4. 01 | 3.01 2.94 | 217, 544 | 246, 149 | 18, 18.006 | 1,094.5 | 929.04 929.04 | 1.18 1.19 | -3. <br> 3 <br> 3.60 | . 94 | 1.70 1.70 | 1.98 1.97 | 1.09 |
| July--- | 4.68 | 5.10 | 4.47 | 4.47 | 3.75 | 4.05 | 2.85 | 113, 295 | 107, 860 | 5,435 | 1,113.4 | 918.05 | 1.21 | 3. 77 | . 96 | 1.71 | 1.97 | 1.20 |
| August | 4.79 | 5.12 | 4.57 | 4.68 | 3.81 | 4. 15 | 2. 99 | 245, 625 | 230, 336 | 15, 289 | 1,128.9 | 918.08 | 1.23 | 3. 77 | . 98 | 1.71 | 1. 188 | 1. 20 |
| September--- | 4.89 | 5.22 | 4. 64 | 4.82 | 3.84 | 4.21 | 3.20 | 161,704 | 157, 368 | 4,336 | 1,131.1 | 918.08 | 1.23 | 3. 77 | . 98 | 1.71 | 1.88 | 1.20 |
| October-- | 4.77 | 5. 09 | 4. 56 | 4.68 | 3.69 | 3. 94 | 3.08 | 140, 477 | 136, 419 | -5,058 | 1,137.1 | 918.08 918.08 | 1.24 1.27 | 3. 37 | - 1.03 | 1.71 1.71 | 1.188 <br> 1.98 | 1. 20 |
| November-.---- | 4.78 4.69 | 4. 4 4.88 | 4. 53 4.47 | 4.82 4.73 | 3. 32 | 3.89 3.81 | 3.05 2.97 | 231, 2350 | 319, 129 2080 | 22,670 | $1,163.9$ $1,168.7$ | 918.08 | 1.27 1.27 | 3. 73 | 1.03 1.06 | 1.78 | 1.98 1.90 | 1.21 |
| Monthly av...-- | 4.86 | 5. 30 | 4. 62 | 4.68 | 3.85 | 4.22 | 3. 10 | 205, 885 | 189, 930 | 18, 058 | 1,108.2 | 923. 16 | 1.20 | 3. 67 | . 85 | 1.71 | 1.99 | 1. 10 |
| 1935 January | 4.01 | 4.75 | 4.44 | 4.63 | 3.45 | 3.61 | 2.83 | 181, 107 | 152, 303 | 28, 804 | 1,177.5 | 918.08 | 1.28 | 3.68 | 1.07 | 1.91 | 1.87 | 1.24 |
| February-.--- | 4. 62 | 4.75 | 4.41 | 4.72 | 3.39 | 3.55 | 2.73 | 212, 606 | 196, 048 | 16, 558 | 1,184.4 | 918.08 | 1.29 | 3. 68 | 1.08 | 1.91 | 1.87 | 1. 24 |
| March | 4.78 | 4.76 | 4.44 | 5.15 | 3.27 | 3.37 | 2.69 | 202, 988 | 199, 945 | 3,042 | 1,181.6 | 918.42 | 1.29 | 3.28 | 1.09 | 1.91 | 1.86 | 1.24 |
| April....----- | 4.79 | 4.77 | 4.41 | 5.18 | 3.25 | 3.39 | 2.64 | 130, 960 | 124, 225 | 6,735 | 1,184.4 | 918.42 | 1.29 | 3. 28 | 1.10 | 1.91 | 1.86 | 1. 24 |
| May-------- | 4.67 | 4.65 | 4.36 | 5. 00 | 3.27 | 3. 46 | 2.61 | 323, 523 | 296, 470 | 27,053 | 1,186.1 |  |  |  | 1.10 1.10 | 2.07 2.17 | 1.84 1.84 | 1.24 1.24 |
| June | 4.60 | 4.63 | 4.34 | 4.82 | 3.25 | 3.31 | 2.61 | 219, 253 | 193, 848 | 25, 405 | 1,186.9 | 918.42 | 1.29 | 3.19 | 1. 10 | 2.17 | 1.84 | 1.24 |
| July-------..- | 4. 52 | 4.53 | 4. 23 | 4.81 | 2.95 | 3. 25 | 2.69 | 145, 777 | 132, 174 | 13, 603 | 1, 190.2 | 918.42 | 1.30 | 3. 19 | 1.11 | 2. 23 | 1.83 1.83 | 1. 21 |
| August....-- | 4. 58 4.57 4.58 | 4. 54 4.54 | 4. 23 4. 26 4 | 4. 88 4.90 | 2.87 3.08 3 | 3.34 3.51 3.51 | 2.66 2.78 | 256, 185 18, | 239, 561 | \|r $\begin{array}{r}17,033 \\ 3,308 \\ \hline\end{array}$ | 1, 2225.0 | 918.42 | 1.33 1.34 | 3.19 3. 29 | 1.16 1.17 | 2. 23 2. 23 | 1.83 1.83 | 1. 21 |
| October---- | 4.65 | 4.51 | 4.31 | 5. 12 | 3.16 | 3.34 | 2.77 | 157, 809 | 151,055 | 6, 754 | 1,243.7 | 918.42 | 1.35 | 2.99 | 1.19 | 2.23 | 1.83 | 1. 21 |
| Novomber..-- | 4.57 | 4. 42 | 4.17 | 5.12 | 3.02 | 3. 23 | 2.73 | 398, 021 | 369, 279 | 28, 742 | 1, 296. 5 | 923.92 | 1. 40 | 2.97 | 1.26 | 2. 23 | 1.83 | 1. 24 |
| Docember-.-- | 4.50 | 4. 44 | 4.17 | 4.87 | 2.97 | 3.25 | 2.73 | 301, 403 | 280,609 | 20, 794 | 1,298.7 | 923. 92 | 1.41 | 2.98 | 1.26 | 2.37 | 1.86 | 1.21 |
| Monthly av_...- | 4.62 | 4.61 | 4.31 | 4.98 | 3.16 | 3.38 | 2.70 | 226,279 | 209, 793 | 18, 486 | 1,215.5 | 919.28 | 1.32 | 3.23 | 1.14 | 2.12 | 1.85 | 1.2 |

For foutnotas see p. 165.

## FINANCE—STOGK PRICES

| Year and Month | DOW-JONES ${ }^{1}$ |  |  | NEW YORK TIMES ${ }^{\text {? }}$ |  |  | STANDARD STATISTICS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Lndus- } \\ & \text { trials } \end{aligned}$ | Public utilities | Rail- <br> roads | Total | Industrials | Railroads | Total | Industrials | Public utilities | Rail- | New York banks | Fire in. surance |
|  | Number of issues included in the indexes |  |  |  |  |  |  |  |  |  |  |  |
|  | 30 | 20 | 20 | 50 | 25 | 25 | 419 | 347 | 40 | 32 | 19 | 18 |
|  | Dollars per share |  |  |  |  |  | $1926=100$ |  |  |  |  |  |
| 1913 monthly average. | $\begin{aligned} & 79.5 \\ & 81.3 \\ & 74.4 \\ & 95.4 \\ & 87.8 \\ & 81.0 \end{aligned}$ |  | $\begin{array}{r} 107.8 \\ 103.5 \\ 95.8 \\ 10.5 \\ 91.2 \\ 84.2 \end{array}$ | $\begin{gathered} -77.83 \\ 74.26 \\ 89.60 \\ 77.28 \\ 71.16 \end{gathered}$ |  |  |  | --.----.---- |  | ..........-- | ---.-........ | -----.-........ |
| 1914 monthly average.- |  | -.....- |  |  | $\begin{aligned} & \text { 58. . } 38 \\ & 99.14 \\ & 9.14 \end{aligned}$ | 73.16$80.05$ | ------------- | --------------- |  | --..-......-. |  |  |
| 1915 monthly average... |  |  |  |  |  |  |  |  |  |  | --.-.-.....-- | ----.-....... |
| 1917 monthly average... |  |  |  |  | 85.44 | 69.12 |  |  |  |  |  |  |
| 1918 monthly average.-. |  |  |  |  | 80.98 | 61.34 | 60.67 | 56.64 | 59.90 | 68. 66 | 42.3 | 37.3 |
| 1919 monthly average. | $\begin{aligned} & 99.8 \\ & 90.0 \end{aligned}$ |  | 83.1 75.5 | 83.9281.5866.3080 | $\begin{array}{r} 105.77 \\ 107.21 \\ 79.38 \end{array}$ | 62.06 65.94 | 70.70 84.22 | 72.57 66.13 | 60.32 54.46 | 70.09 63.94 | 52.9 52.0 | 47.5 52.3 |
| 1920 monthly average.. |  |  | 75.5 72.7 |  |  | $\begin{aligned} & 53.21 \\ & 62.38 \end{aligned}$ | 55.1767.68 | 51.6364.66 | 57.8170.91 | 61.7572.66 | 46.552.3 | 48.155.1 |
| 1922 monthly average..- |  |  | $\begin{array}{r}72.7 \\ 84 \\ \hline\end{array}$ | 80.48 | $\begin{array}{r} 79.38 \\ 98.58 \\ 107.78 \end{array}$ |  |  |  |  |  |  |  |
| 1923 monthly average. | $\begin{aligned} & 94.9 \\ & 99.7 \end{aligned}$ |  | 82.686.8 | 83.97 |  | $\begin{aligned} & 62.38 \\ & 60.15 \end{aligned}$ | 69. 01 | ${ }^{66.56}$ | 73.82 | 71. 86 | 65.3 | 68.478.3 |
| 1924 monthly average. |  |  |  | 91.13 | 115.08 | 67.18 | 72.78 | 69. 63 | 78.85 | 76.72 |  |  |
| 1925 monthly average. | 134.5 |  | 100.9 | 117.57 | 152.85 | 82.48 | 89.7 | 88.4 | 94.9 | 89.52 | 87.1 | 96.5100.0 |
| 1926 monthly average... |  |  | 113.7134.4 | 129.48 | 165.70214.54 | $\begin{array}{r}\text { 93.27 } \\ 113.81 \\ \hline 18\end{array}$ | 100.0118.3 | 100.0118.5 | 110.0 | 100.0119.1 | 100.0123.4 |  |
| 1927 monthly average... | 176.0262.2 |  |  |  |  |  |  |  |  |  |  | 119.9 |
| 1928 monthly average... |  | 104.5 | 159.7 | 251.08 | 366. 29 | $\begin{aligned} & 122.06 \\ & 135.87 \\ & \text { 137 } \end{aligned}$ | 190.3 | 154.3 189.4 | 234.6 | $\begin{array}{r} 128.5 \\ -147.3 \\ 124.9 \end{array}$ | 285.2 | 194.5 |
| 1930 monthly average... | 236.3 | 85.8 | $\begin{array}{r} 133.1 \\ 76.1 \end{array}$ | 199.59 | 285.66 | 113.5163.01 | 149.8 | 140.6 | 214.6 |  | 1929 |  |
| 1931 monthly average. | 138.6 | 54.5 |  | 125. 09 | 187.15 |  | 94.7 | 87.4 | 148.7 | 124.9 72.5 | 107.1 | 143.2 97 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |
| January........ | 79.480.0 | 32.2 | 37.936.8 | 73.8074.10 | 116.92118.92 | 30.68 | 57.556.5 | 53.952.9 | 93.9 | 35.6 | 63.864 | 46.9 |
| February... |  | 32.7 |  |  |  | 26.14 |  |  | 95.0 | 32.9 |  | 48.1 |
| March... | 81.5 | 29.3 | 34.5 | 70.78 | 115.42 |  | 57.8 | 54.6 |  |  | 67.1 |  |
| April.-.-.-.-....... | 62.7 63.3 | 25.3 | 23.6 18.3 | 52.85 46.06 | 77.96 | 14. 16 | 39.8 | 38.1 | 67.8 | 17.4 | 44.46 | 39.628.3 |
| Maye. | 63.3 46.9 | 22.4 18.0 | 18.3 15.7 | 46.06 40.02 |  |  | 39.8 34.3 |  |  |  |  |  |
| July | $\begin{aligned} & 46.2 \\ & 67.5 \\ & 72.6 \\ & 63.5 \\ & 62.1 \\ & 59.1 \end{aligned}$ | 18.6 | 16.1 | 40.18 | 66.87 | 13.5025.33 | 35.252.1 | 35.1 <br> 50.5 | 54.982.1 | 15.1 | 43.2 | 26.9 |
| August.... |  | 29.] | 29.4 | 61.70 | 98.07 |  |  |  |  | 27.8 | 64.8 | 43.4 |
| September |  | 32.3 | 32.3 | 65. 35 | 101.58 | 29.13 | 58.4 | 55.9 | 91.9 | 35.4 | 73.5 | 47.3 |
| October-... |  | 28.2 | 28.3 | 56.17 | 90.07 | 22. 29 | 51.4 | 49.2 | 82.6 | 29.0 | 66. 3 | 43.1 |
| November. |  | 27.6 27.1 | 27.4 26.2 | 57.63 55.05 | 92.71 89.54 | 22.56 <br> 20.58 | 47.9 47.1 | 45.9 44.5 | 78.0 78.9 | 25.8 25.4 | 63.3 65.8 | 41.7 41.4 |
| December.- |  |  |  | 65.05 |  |  |  | 44.5 |  | 25.4 | 65.8 | 41.4 |
| Monthly average.. | 84.6 | 28.9 | 27.2 | 67. 81 | 03. 63 | 21.88 | 48.6 | 46. 5 | 79.1 | 26.4 | 89.4 | 40.3 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |
| January --- | 62.7 | 28.0 | 28.1 | 58. 65 | 94. 81 | 22. 60 | 49.1 | 46.2 | 81.8 | 27.6 | 67.9 | 44.0 |
| February. | 56.1 | 23.9 | 26.9 | 52.99 | ${ }_{85}^{84} 58$ | 21.43 | 44.9 | 42.5 | 73.1 | 26.7 | 63.5 | 42.5 |
| March-.- | ${ }_{65} 57.8$ | ${ }_{21.6}$ | 27.4 27.4 | 63.17 60.09 | ${ }_{97.20}$ | 22.97 | 43.3 46.5 | 41.5 | 68.3 63.2 | 25.5 26.2 | 49.2 49 | ${ }_{37}^{38.1}$ |
| April | 81.6 | 27.7 | 37.6 | 74.59 | 118.40 | 30.79 | 61.5 | 63.7 | 77.8 | 36.5 | 53.1 | 37.8 50.4 |
| June----. | 94.1 | 34.1 | 44.2 | 85. 26 | 134. 53 | 36.01 | 72.8 | 75.1 | 93.9 | 42.8 | 60.7 | 55.7 |
| July-- | 100.4 | 34.7 | 51.7 | 88.46 | 135.84 | 41.09 | 79.8 | 82.8 | 97.4 | 51.3 | 60.9 | 60.0 |
| August. | 98.4 | 30.8 | 49.6 | 88.24 | 135.86 | 40.63 | 74.4 | 77.9 | 87.2 | 48.7 | 58.3 | 58.2 |
| September | 100.3 | 27.9 | 47.2 | 86.46 | 135.45 | 37.49 | 75.5 | 81.0 | 81.5 | 48.2 | 50.7 | 56. 6 |
| Octoher-. | 92.8 | 24.9 | 38.9 | 79.54 | 127.86 | ${ }_{31}^{31} 23$ | 69.5 | 75.5 | 75.0 | 40.3 | 47.1 | 53.6 |
| November | ${ }_{99}^{96.4}$ | 23.7 23 | 38.6 40.5 | 82.87 85.18 | 134.22 | ${ }_{33}^{31} 52$ | 68.8 70.4 | 76.2 78.8 | 70.0 67.8 | 38.4 40.0 | 42.5 | 51.8 49.9 |
| Monthly average... | 83.7 | 26.9 | 38.2 | 74. 63 | 118.42 | 30.84 | 63.0 | 65.7 | 78.1 | 37.7 | 53.6 | 49.9 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |
| January -....... | 102.7 | 25. 2 | 44.9 | 88.21 | 140.48 | 35. 95 | 74.6 | 82.9 | 82.2 | 44.5 | 51.6 | 57.5 |
| Fehruary. | 107.3 | 28.4 | 50.8 | 94.35 | 147.91 | 40.79 | 80.9 | 88.9 | 80.7 | 50.5 | 57.8 | 64.2 |
| March... | 104.3 | 26.0 | 49.5 | ${ }_{92.36}$ | 144.84 | 38.88 39.8 | 79.2 | 88.1 88.3 | 76.2 76.3 | 47.5 49.3 | 56.7 60.4 | 62.8 66.9 |
| May...... | 95.3 | 23.1 | 43.6 | 82.66 | 131.17 | 34. 15 | 71.8 | 79.6 | 69.7 | 43.3 | 58.6 | 65.2 |
| June....... | 96.7 | 23.8 | 44.3 | 85.71 | 135.70 | 35.73 | 73.1 | 81.0 | 71.6 | 43.9 | 58.7 | 66.7 |
| July | 94.5 | 22.2 | 40.7 | 83.00 | 133.87 | 32.12 | 71.4 | 79.7 | 69.2 | 41.2 | 57.8 | 66.8 |
| August.-. | 91.6 | 20.5 | 35.4 | 79.16 | 130.46 | ${ }^{27.86}$ | 67.5 | 76.3 | 64. 5 | 35.3 | 53.4 | 65. 1 |
| September | 90.5 | 19.8 | ${ }_{35.7}^{35.1}$ | 78.76 81.71 | 129.95 135.32 | 27. ${ }^{\text {28, }} 11$ | ${ }_{67.6}^{67.4}$ | 76.2 76.7 | 64.0 63.2 | 35.4 35.9 | 48.1 48.7 | 65.0 67 |
| Octo ber---- | ${ }_{99}^{98.3}$ | 18.8 | 35.8 | 85.14 | 141.62 | 28.67 | 68.3 | 78.4 | 60.8 | 34.8 | 51.6 | 72.4 |
| December. | 101.6 | 18.0 | 36.5 | 85.07 | 141.46 | 28.68 | 69.6 | 80.6 | 58.8 | 35.9 | 49.1 | 73. 2 |
| Monthly average.... | 08.3 | 22.7 | 41.7 | 85. 52 | 137.84 | 38.18 | 72.4 | 81.1 | 68.9 | 41.5 | 54. 4 | 66.1 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |
| January................ | 103.1 | 17.5 | 35.5 | 85. 82 | 144.21 | 27.43 | 70.1 | 81.9 | 57.6 | 35.0 | 51.5 | 73.7 |
| February-....-. | 103.0 | 16.5 | 32.4 | 84. 64 | 144.23 | 25.06 | 68.0 | 80.1 | 55.1 | 32.3 | 53.4 | 74.2 |
| April. | 108.0 | 17.9 | 30.1 | 80.64 85.68 | ${ }_{147} \mathbf{5 6}$ | 22.81 | 64.6 67.5 | 78.9 | 59.1 59 | 28.4 29.4 | 47.6 47.4 | 75.3 76.2 |
| May | 113.5 | 19.2 | 31.0 | 89.84 | 155.64 | 24.05 | 73.1 | 85.7 | 63.7 | 30.9 | 47.3 | 79.2 |
| June-..--- | 116.9 | 21.4 | 32.5 | 95.83 | 166.03 | 25.63 | 75.5 | 87.4 | 69.8 | 32.4 | 49.8 | 83.2 |
| July. | 122.7 | 22.5 | 33.6 | 98.91 | 171.78 | 26.05 | 78.8 | 91.2 | 73.3 | 33.8 | 56.8 | 89.7 |
| August... | 127.1 | 25.9 | 35.4 | 102.59 | 177.22 | 27.96 | 83.0 | 95.0 | 80.6 | 35.8 | 61.7 | ${ }^{03.3}$ |
| September. | 131.5 | 25.7 | 36.0 | 105.78 | 183.20 | ${ }_{28}^{28.37}$ | 85.0 | 97.5 | 81.9 | 37.0 | 56.6 | 93.0 |
| October-... | 130.4 144.3 | 28.0 | 33.8 37.0 | 108.16 113.80 | 189.58 197.63 | 26.74 29.97 | 85.2 93.3 | $\begin{array}{r}98.5 \\ 107.4 \\ \hline\end{array}$ | 81.0 90.1 | 34.3 37.6 | 65.8 63.5 | 92.8 96.0 |
| December..................... | 141.8 | 28.8 | 40.3 | 111.27 | 190.86 | 31. 69 | 95.3 | 109.2 | 91.6 | 41.4 | 69.1 | 101.7 |
| Monthly average........ | 120.0 | 20.0 | 35.8 | 96. 92 | 167.29 | 26. 58 | 78.3 | 90.8 | 71.4 | 34.0 | 58.0 | 85.4 |

For footnotes see pp. 165, 166.

## FINANCE-SALES OF STOCK, VALUE OF LISTED STOCKS, STOCK YIELDS, AND STOCKHOLDERS



For footnotes see p. 166.

FOREIGN TRADE-INDEXES OF EXPORTS AND IMPORTS ${ }^{1}$


For footnotes see p. 166.
*Without adjustment for seasonal variation.
f With adjustment for seasonal variation.

FOREIGN TRADE-VALUE OF EXPORTS ${ }^{1}$

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow{4}{*}{Year and Monti} \& \multicolumn{13}{|c|}{EXPORTS, INCLUDING REEXPORTS, BY GRAND DIVISIONS AND COUNTRIES} \\
\hline \& \multirow[t]{2}{*}{Total} \& \multirow[b]{2}{*}{Africa, total} \& \multicolumn{2}{|l|}{Asia and Oceania} \& \multicolumn{5}{|c|}{Europe} \& \multicolumn{2}{|l|}{Northern North America} \& \multicolumn{2}{|l|}{Southern North America} \\
\hline \& \& \& Total \& Japan \& Total \& France \& Germany \& Italy \& United Kingdom \& Tota \& Canada \& Total \& Mexico \\
\hline \& \multicolumn{13}{|c|}{Thousands of dollars} \\
\hline 1913 monthly average \& \multirow[t]{6}{*}{\[
\begin{aligned}
\& 207,002 \\
\& 176,135 \\
\& 296,223 \\
\& 296,287 \\
\& 456,887 \\
\& 519,459 \\
\& 512,424
\end{aligned}
\]} \& \multirow[b]{6}{*}{\[
\begin{aligned}
\& 2,411 \\
\& 2,110 \\
\& 3,035 \\
\& 4,501 \\
\& 4,282 \\
\& 4,933
\end{aligned}
\]} \& \multirow[b]{6}{*}{\[
\begin{aligned}
\& 17,319 \\
\& 14,700 \\
\& 20,099 \\
\& 39,211 \\
\& 45,567 \\
\& 50,250
\end{aligned}
\]} \& 5, 208 \& \multirow[t]{6}{*}{\[
\begin{aligned}
\& 124,964 \\
\& 111,608 \\
\& 214,451 \\
\& 317,773 \\
\& 338,477 \\
\& 321,558
\end{aligned}
\]} \& \multirow[t]{6}{*}{\[
\begin{aligned}
\& 12,827 \\
\& 14,175 \\
\& 41,733 \\
\& 71,735 \\
\& 78,399 \\
\& 77,600
\end{aligned}
\]} \& \multirow[t]{5}{*}{\[
\begin{gathered}
29,328 \\
13, \\
991 \\
981 \\
188 \\
\left({ }^{9}\right)
\end{gathered}
\]} \& 6,550 \& 43, 228 \& 34,070 \& , 599 \& 16,028 \& 4,004 \\
\hline 1914 monthly average. \& \& \& \& 3,479 \& \& \& \& 8,161 \& 49,984 \& 26,331 \& 20, 885 \& 13, 801 \& 2,763 \\
\hline 1915 mouthly average \& \& \& \& 3,811 \& \& \& \& 22,477 \& 93, 870 \& 29,249 \& 28, 754 \& 17,318 \& 3,422 \\
\hline 1916 monthly average. \& \& \& \& 9,096 \& \& \& \& 25, 294 \& 157, 232 \& 51, 18 \& 50, 409 \& 25, 92\% \& 4,523 \\
\hline 1917 monthly average. \& \& \& \& 15,528 \& \& \& \& 34, 920 \& 167, 389 \& 69, 942 \& 69,077 \& 35, 240 \& 0,236 \\
\hline 1918 monthly average. \& \& \& \& 22,815 \& \& \& \& 41,015 \& 171,774 \& 75, 021 \& 73, 906 \& 35,437 \& 8,149 \\
\hline 1919 monthly average. \& \multirow[t]{2}{*}{660,035
685,668} \& \multirow[t]{2}{*}{\[
\begin{array}{r}
8,160 \\
13,805
\end{array}
\]} \& \multirow[t]{2}{*}{74,775
86,932} \& \multirow[t]{2}{*}{30,530
31,495} \& \multirow[t]{2}{*}{\begin{tabular}{l}
432,306 \\
372,174 \\
\hline
\end{tabular}} \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 74,447 \\
\& 56,349
\end{aligned}
\]} \& \multirow[t]{2}{*}{\[
\begin{array}{r}
7,730 \\
25,953
\end{array}
\]} \& \multirow[t]{2}{*}{\(\begin{array}{r}36,890 \\ 30,980 \\ \hline\end{array}\)} \& \multirow[t]{2}{*}{189,880
152,086} \& \multirow[t]{3}{*}{\begin{tabular}{l}
62,496 \\
\(\$ 2,068\) \\
50,036 \\
\hline
\end{tabular}} \& \multirow[t]{3}{*}{80,988
49,473} \& \multirow[t]{3}{*}{78, 68.5} \& \multirow[t]{2}{*}{10,965
17,322
18,485} \\
\hline 1920 monthly average. \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline 1921 monthly average. \& 373, 753 \& \multirow[t]{2}{*}{\begin{tabular}{l} 
6,071 \\
4,648 \\
\hline 6,688
\end{tabular}} \& 53,782 \& \multirow[b]{2}{*}{18, 200} \& \multirow[b]{2}{*}{173, 613} \& 18,743 \& 31,032 \& 17,955 \& 78, 510 \& \& \& \& 18, 485 \\
\hline 1922 monthly average. \& 310, 315 \& \& 45, 910 \& \& \& 22, 247 \& 26,343 \& 12, 575 \& 71, 319 \& 48,621 \& 48, 057 \& \multirow[t]{2}{*}{27,684
35,472} \& \multirow[t]{2}{*}{10,157
10,010} \\
\hline \multirow[t]{2}{*}{1923 monthly average} \& \multirow[t]{2}{*}{382, 582} \& \multirow[t]{2}{*}{5,056
5,858} \& \multirow[t]{2}{*}{54,827
55,925} \& \multirow[t]{2}{*}{20,859} \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 174,451 \\
\& 203,775
\end{aligned}
\]} \& \multirow[t]{2}{*}{22,678} \& \multirow[t]{2}{*}{36, 701} \& \multirow[t]{2}{*}{15, 596} \& 78, 212 \& 85, 042 \& 54,
52003 \& \& \\
\hline \& \& \& \& \& \& \& \& \& 81, 912 \& 52,823 \& 52,003 \& 38, 014 \& 11, 256 \\
\hline 1925 monthly average. \& 409, 154 \& 7,421 \& \multirow[t]{2}{*}{56, 340} \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 19,137 \\
\& 21,730
\end{aligned}
\]} \& 216, 979 \& 23,358 \& 39, 195 \& 17.096 \& 86, 155 \& 54, 887 \& 54,064 \& \multirow[t]{2}{*}{39,976
35,733} \& 12,000 \\
\hline 1926 monthly average. \& 400, 722 \& 8,440 \& \& \& \multirow[t]{2}{*}{\begin{tabular}{l}
192,512 \\
192,634 \\
\hline
\end{tabular}} \& 22, 000 \& 30, 347 \& 13, 117 \& \multirow[t]{2}{*}{\begin{tabular}{l}
81,051 \\
80 \\
\hline 80
\end{tabular}} \& \multirow[t]{2}{*}{62,307
70} \& 61,547 \& \& 11, \(2: 10\) \\
\hline 1927 monthly average. \& \multirow[t]{2}{*}{\begin{tabular}{l} 
405, 4188 \\
427,383 \\
\hline
\end{tabular}} \& \& \& \& \& 19,085 \& 40, 140 \& 10,971 \& \& \& 64,711 \& 33, 477 \& 0,096 \\
\hline 1928 monthly average. \& \& \(\begin{array}{r}8,924 \\ 8,726 \\ \hline\end{array}\) \& \begin{tabular}{l}
63,058 \\
69,548 \\
\hline
\end{tabular} \& 21, 464
24,013 \& 197,910 \& 20,053 \& 38,938 \& 13, 510 \& 70,610 \& 77, 014 \& 70, 226 \& 33,099
36,132 \& \multirow[t]{2}{*}{- \(\begin{array}{r}0,638 \\ 11,150\end{array}\)} \\
\hline 1829 monthly averago \& \multirow[t]{2}{*}{\begin{tabular}{l}
436,750 \\
320,265 \\
\hline
\end{tabular}} \& \& \& \& 196,070
153,198 \& \[
\begin{aligned}
\& 22,133, \\
\& 18,663
\end{aligned}
\] \& \[
\begin{aligned}
\& 34,204 \\
\& 23,189
\end{aligned}
\] \& \[
\begin{array}{r}
12,831 \\
8,369
\end{array}
\] \& 70,667
56,509 \& 80, 123 \& 79, \& \multirow[t]{2}{*}{29, 048} \& \\
\hline 1930 monthly average 1931 monthly average. \& \& 7,697
4,997 \& 46,309
35,661 \& - 12,976 \& 153,198
98,907 \& \[
\begin{gathered}
18,663 \\
10,152
\end{gathered}
\] \& \[
\begin{aligned}
\& 23,189 \\
\& 13,837
\end{aligned}
\] \& 8,369
4,568 \& - 57,998 \& \begin{tabular}{|c} 
S5, \\
\hline 388 \\
\hline 3
\end{tabular} \& \(\begin{array}{r}\text { 94, } \\ \hline 33,030\end{array}\) \& \& 0, 678
4,364 \\
\hline \multicolumn{14}{|l|}{1932} \\
\hline January........ \& \multirow[t]{2}{*}{150,022} \& \multirow[t]{2}{*}{\begin{tabular}{l}
3,140 \\
2,715 \\
\hline
\end{tabular}} \& \multirow[t]{2}{*}{38,867
39,428} \& \multirow[t]{2}{*}{16,945
20,742} \& \multirow[t]{2}{*}{71,015
74,106} \& \multirow[t]{2}{*}{9,340
8,500} \& \multirow[t]{2}{*}{12,058} \& \multirow[t]{2}{*}{4,487
4,027} \& \multirow[t]{2}{*}{33, 309} \& \multirow[t]{2}{*}{\begin{tabular}{l}
18,842 \\
20,502 \\
\hline
\end{tabular}} \& \multirow[t]{2}{*}{20, 198} \& \multirow[t]{2}{*}{10,8803} \& \multirow[t]{2}{*}{2, 540} \\
\hline February. \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline March. \& 154, 876 \& 3,734 \& 35, 748 \& 16,582 \& \multirow[t]{2}{*}{70,419
63,024} \& \multirow[t]{2}{*}{10,451
8,854

8,} \& \multirow[t]{2}{*}{$$
\begin{aligned}
& 13,390 \\
& 10,283
\end{aligned}
$$} \& 3,673 \& 23, 399 \& 25, 323 \& \& 11, 030 \& \multirow[t]{2}{*}{2,540

2,814} <br>
\hline April. \& 135, 095 \& \multirow[t]{2}{*}{2,958

3,647} \& \multirow[t]{2}{*}{$$
\begin{aligned}
& 24,072 \\
& 23,730
\end{aligned}
$$} \& \multirow[t]{2}{*}{\[

$$
\begin{aligned}
& 7,878 \\
& 7,883
\end{aligned}
$$

\]} \& \& \& \& \& \& \& \[

24,459
\] \& \& <br>

\hline May \& \multirow[t]{2}{*}{114, 148} \& \& \& \& 63,024

62,226 \& 8,521 \& $$
\begin{array}{r}
10,283 \\
9,127
\end{array}
$$ \& 3,405 \& 23,121 \& 24,343 \& 23, 968 \& 10,301 \& 2, 493 <br>

\hline June. \& \& 2,412 \& 20,939 \& 6,635 \& 52,306 \& 8,838 \& 7,499 \& 2,560 \& 18,394 \& 20,866 \& 20,451 \& 0,818 \& 2,758 <br>
\hline July... \& 106, 830 \& 3,205 \& 21, 191 \& 5,707 \& 46, 015 \& 5,705 \& 6,943 \& 2,617 \& 16,775 \& 19,330 \& 18,953 \& 0, 836 \& 2,660 <br>
\hline August \& 108, 509 \& 2,509 \& 18, 810 \& ${ }^{4,927}$ \& 52, 909 \& 9,219 \& 8,663 \& 3,506 \& 18,638 \& 19,230 \& 18,846 \& 8,364 \& 2,521 <br>
\hline Soptember \& 132,037 \& 2,809 \& 22, 180 \& -7,803 \& 72, 628 \& 10,252 \& 15,791 \& 4,774 \& 25, 725 \& 19, 196 \& 18, 731 \& 8,224 \& 2,340 <br>
\hline Oetober. \& 153, 090 \& 3,374
2,609
2, \& 26,092
$\mathbf{2 7 , 9 2 2}$ \& 10,841 \& 84,899
70,299 \& 10,184
11,158 \& 15,764
12,670 \& 5,836
4,412 \& -32,753 \& 18, 824 \& 20, 18.36 \& 9,784 \& 2,600
2,867 <br>
\hline Monthly avorage. \& 134, 251 \& 2,998 \& 27, 434 \& 11, 243 \& 65, 958 \& 0, 297 \& 11, 139 \& 4,095 \& 24, 027 \& 20,478 \& 20, 113 \& 9, 095 \& 2,688 <br>
\hline 1933 \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Japuary \& 120,589
101,515 \& 3,055
2,355 \& 25,272
20,166 \& 11,185
7,299 \& 62,216
51,094 \& 8,989
7,653 \& 11,748
8,609 \& 4,443
4,057 \& $\begin{array}{r}21,311 \\ 18 \\ \hline 89\end{array}$ \& 12,672 \& 12,439 \& 8,248 \& 2, 2,173 <br>

\hline February \& 101,515 \& | 2, 235 |
| :--- |
| 23 | \& 22,682 \& 9,614 \& 50,312 \& 7,955 \& 7,058 \& 3,986 \& 17, 646 \& 14,199 \& 13, 840 \& 10, 617 \& 2,963 <br>

\hline April. \& 105, 217 \& 3,431 \& 17, 823 \& 6, 408 \& 52, 227 \& 8,163 \& 8,908 \& 3,101 \& 18, 232 \& 13,568 \& 13, 3109 \& 10,384 \& 2,862 <br>
\hline May. \& 114,203 \& 2,462 \& 20,630 \& 8,267 \& 56, 840 \& 8,077 \& 11,391 \& 4,558 \& 18,785 \& 16,735 \& 16, 439 \& 10, 361 \& 3, 274 <br>
\hline June. \& 119,790 \& 2,727 \& 20,624 \& 7,720 \& 58,807 \& 8,178 \& 10,178 \& 4,322 \& 22, 230 \& 18, 421 \& 18,068 \& 10,633 \& 2,821 <br>
\hline July. \& 144, 109 \& 3, 262 \& 30, 127 \& 15,046 \& 67, 995 \& 8,583 \& 11, 235 \& 4,741 \& 24,705 \& 21, 296 \& 20, 823 \& 11, 720 \& 3,529 <br>
\hline August \& 131, 473 \& 3,740 \& 24, 416 \& 10, 157 \& 62, 746 \& 8,476 \& 8,998 \& 3, 595 \& 24, 686 \& ${ }^{20,768}$ \& ${ }^{201,301}$ \& 10, 885 \& 3,313 <br>
\hline Septemb \& 160, 119 \& 4,535 \& 32, 120 \& 15,599 \& 81, 874 \& 12,384 \& 13,728 \& 7,239 \& 28,474 \& 21, 484 \& ${ }^{21}, 000$ \& 9, 462 \& 3, 324 <br>
\hline October. \& 193, 069 \& 4, 166 \& 35, 050 \& 16,825 \& 108, 598 \& 17,041 \& 17,720 \& 8,537 \& 39,532 \& 21, 838 \& 21, 486 \& 11, 181 \& 3,499 <br>
\hline November \& 184, 257 \& 4,670 \& 37, 573 \& 17,056 \& 94, 864 \& 14, 082 \& 16,873 \& 5,934 \& 33, 364 \& 23, 252 \& 22, 833 \& 11, 648 \& 3, 885 <br>
\hline December \& 192, 638 \& 5,899 \& 40,878 \& 18, 259 \& 102, 208 \& 12, 129 \& 13,577 \& 6,728 \& 43,878 \& 18,898 \& 18,513 \& 11, 791 \& 3,450 <br>
\hline Monthly average... \& 139, 683 \& 3,676 \& 27, 283 \& 11,953 \& 70,815 \& 10, 143 \& 11,689 \& 6,109 \& 25,978 \& 17.803 \& 17, 554 \& 10, 602 \& 9,127 <br>
\hline 1934 \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline January \& 172, 220 \& 3,938 \& 35,896
34 \& 16,763 \& 90, 243 \& 13,200 \& 15,728 \& 5,754 \& 32, 243 \& 19,145 \& 18,861 \& 12, 135 \& 4, 136 <br>
\hline February. \& 162,752
190,938 \& 4,999

6,595 \& | 34,243 |
| :--- |
| 37,640 | \& 14,961

16,295 \& 82, 112 \& 10,935

12,909 \& \begin{tabular}{l}
13,656 <br>
15,240 <br>
\hline 10

 \&  \& 

27, <br>
$\mathbf{3 2 , 1 9 4}$ <br>
<br>
\hline 1

 \& 

19, 888 <br>
$\mathbf{2 5 , 7}$ <br>
\hline
\end{tabular} \& 19, ${ }^{19} \mathbf{6}$, 358 \& 11,790

15,404 \& 3, 764
4,382 <br>
\hline April. \& 179, 427 \& 5,706 \& 37,452 \& 14, 819 \& 80, 059 \& 10,574 \& 10,853 \& 4,596 \& 28, 840 \& 26, 646 \& 20,250 \& 16,991 \& 4,668 <br>
\hline May \& 160. 197 \& 5,637 \& 27,527 \& 11, 506 \& 66, 803 \& 7,263 \& 6,847 \& 4,853 \& 25, 922 \& 32, 318 \& 31, 892 \& 14, 021 \& 4,753 <br>
\hline June. \& 170, 519 \& 7,062 \& 38, 474 \& 16, 291 \& 67, 613 \& 8,035 \& 8,308 \& 4, 276 \& 24,847 \& 28, 415 \& 27,875 \& 15,037 \& 4, 665 <br>
\hline July. \& 161,672 \& 8, 501 \& \& \& \& \& \& 4, 275 \& \& 27, 231 \& 20,711 \& 14, 620 \& <br>
\hline August. \& 171, 984 \& ${ }^{6} 8684$ \& 38, 137 \& 13, 857 \& 68, 076 \& 6,481 \& 6,799 \& 4,973 \& 30, 663 \& 27,794 \& 27, 142 \& 13, 791 \& 4,765 <br>
\hline Soptembe \& 191, 313 \& 7, 759 \& 40, 169 \& 20, 034 \& 86, 779 \& 10, 334 \& 7,461 \& 4,742 \& 40, 119 \& 25, 370 \& 24, 850 \& 15, 888 \& 4,611 <br>
\hline October. \& 206, 413 \& 5,757 \& 46, 883 \& 26, 994 \& 95, 180 \& 10,561 \& ${ }_{5}^{6,316}$ \& 6,226 \& 46,830 \& 27,458 \& 26,913 \& 17,355 \& 5,856 <br>
\hline December. \& 170, 654 \& 6,664 \& 44, 310 \& 23, 303 \& 88,376
69,37 \& $\stackrel{9}{9,903}$ \& 4,
474 \& 8,821 \& 28, 508 \& - 21,327 \& 20, 258 \& 15, 1827 \& 4,330
4,387 <br>
\hline Monthly average. \& 177, 738 \& 6,401 \& 38, 202 \& 17,540 \& 79, 150 \& 8, 842 \& 9,062 \& 6,381 \& 91, 886 \& 25, 688 \& 26, 203 \& 14, 897 \& 4,889 <br>
\hline 1935 \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline January \& 176, 223 \& 5,376 \& 39,968 \& 19,901 \& 78, 558 \& 7,528 \& 4, 651 \& 6, 237 \& 37,968 \& 23, 145 \& 22,808 \& 15, 674 \& 5, 035 <br>
\hline February \& 163, 007 \& 7,149 \& 37,403 \& 15, 974 \& 66, 481 \& 7,326 \& 8, 082 \& 6,865 \& 25,749 \& 23,648 \& 23, 301 \& 14,366 \& 4,370 <br>
\hline March. \& 185, 026 \& 8, 119 \& 38,633 \& 14, 744 \& 76,461 \& 7,661 \& 6,247 \& 6,947 \& ${ }_{2}^{29}, 453$ \& 26, 136 \& 25, 609 \& 18,690 \& 5,163 <br>

\hline April. \& | 164,151 |
| :--- |
| 165 |
| 159 | \& $8{ }^{8,007}$ \& 34, 005 \& 13, 623 \& 63, 302 \& 8, 814 \& 5,064 \& 4, 137 \& 20, 540 \& 28, 954 \& 28,578 \& 15, 711 \& 5, 669 <br>

\hline May \& 165, ${ }^{1659}$ \& 6,796
7,927 \& 33, 34.459 \& 13,977
14,108 \& 65,084
69,380 \& 8,298

8,741 \& | 4,979 |
| :--- |
| 7 |
| , 027 | \& 3,565

5,665 \& 24,238
21,924 \& 31,243
28,089 \& 30,500
27,042 \& 16,168
17,312 \& 6,598
6,368 <br>
\hline July \& 173, 230 \& 9,220 \& 31,648 \& 11,864 \& 69,408 \& 7,345 \& 6,597 \& 5,167 \& 24, 281 \& 30, 243 \& 29,771 \& 17,648 \& <br>
\hline August \& 172, 126 \& 9,948 \& 29, 467 \& 11, 680 \& 72, 534 \& 7,824 \& 5,549 \& 5,542 \& 32, 280 \& 28, 601 \& 27,976 \& 16, 216 \& 4,758 <br>
\hline Septembe \& 198, 803 \& 6, 281 \& 37, 450 \& 17,037 \& 97, 471 \& 7,319 \& 8,926 \& 4,795 \& 53,597 \& 28, 008 \& 27, 362 \& 15, 687 \& 4,016 <br>
\hline October \& 221, 296 \& 8,875 \& 34, 138 \& 16, 418 \& 115, 327 \& ${ }^{10,746}$ \& 9, 971 \& 6, 525 \& 59,035 \& 31, 150 \& 30, 416 \& 18,080 \& 5,817 <br>
\hline November. \& 269,838 \& \& \& \& 145,092
110,143 \& 18,910
15 \& 14,563
12,327 \& 9,125

7,944 \& \begin{tabular}{l}
62,480 <br>
41 <br>
\hline 825

 \& 

28,169 <br>
22 <br>
\hline 157
\end{tabular} \& 27,472

21 \& 18,447
17 \& 5,351 <br>
\hline December. \& 223, 409 \& 9,093 \& 50, 944 \& 26, 885 \& 110, 143 \& 15, 700 \& 12,327 \& 7,944 \& 41,825 \& 22, 157 \& 21,760 \& 17,725 \& 6,025 <br>
\hline Monthly average. \& 190, 239 \& 8,018 \& 97, 645 \& 18,940 \& 88, 770 \& 9,751 \& 7,665 \& 6, 095 \& 36, 117 \& 27,482 \& 26, 839 \& 16,818 \& 6,464 <br>
\hline
\end{tabular}

For footnotes see p. 160.

FOREIGN TRADE—VALUE OF EXPORTS ${ }^{1}$-Continued

| Year and Monti | EXPORTS, INCLUDING REEXPORTS, BY GRAND DIVISIONS AND COUNTRIES |  |  |  | EXPORTS OF U. S. MERCHANDISE, BY ECONOMIC CLASSES |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | SOUTH AMERICA |  |  |  | Total | Crude materials |  | Foodstufls |  |  |  |  |  | $\underset{\text { Semi- }}{\text { Sanu- }}$ factures |
|  | Total | $\begin{gathered} \text { Argen- } \\ \text { tina } \end{gathered}$ | Brazil | Chile |  | Tot | Cotton, unmanurac tured | Total | Crude foodstuffs | $\begin{array}{\|c} \text { Manu- } \\ \text { factured } \\ \text { foodd- } \\ \text { stuffs } \end{array}$ | $\begin{aligned} & \text { Fruits } \\ & \text { andd } \\ & \text { prepa- } \\ & \text { rattons } \end{aligned}$ | Meats and fats | Wheat and flour |  |
|  | Thousands of dollars |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1913 monthly average.- | 12, 210 | 4,582 | 3,325 | 1,385 | 204, 024 | 64, 748 | 47, 958 | 41; 201 | 14, 132 | 27, 069 | 2,743 | 13,628 | 12,664 | 33, 077 |
| 1914 monthly average.- | 7,584 | 2,261 | 1,940 | 1,136 | 172, 588 | 42, 753 | 28, 659 | 48, 677 | 22, 940 | 25,738 | 2,400 | 11,888 | 20,798 | 28, 749 |
| 1915 monthly average- | 12,011 | 4,403 | 2,829 | 1,485 2 | 291, 103 | 57,518 | 34,751 <br> 45 <br> 186 | 84, 351 | 38, 470 | 45,880 | 3,077 3 | 21, 983 | 31, 566 | 39,641 |
| 1917 monthly average.- | 25, 991 | 88,925 | 5,513 | 4,796 | 614, 135 | 69, 402 | 47, 942 | 109, 642 | 42,397 | 67, 245 | 2,803 | ${ }_{31} 131$ | 32, 023 | coid 1096 |
| 1918 monthly average- | 25, 226 | 8,759 | 4,783 | 5,534 | 503, 390 | 81,009 | 56, 177 | 162, 771 | 45, 620 | 117,152 | 2,519 | 70,746 | 42, 105 | 87, 773 |
| 1919 monthly average - | 36,812 | 12,992 | 9,558 | 4,427 | 645, 818 | 135, 257 | 94,781 | 220,082 | 56, 530 | 163,551 | 10,223 | 85, 333 | 54, 196 | 76,854 |
| 1920 monthly average | 51,993 | 17, 810 | 13,062 | 4,608 | 673, 373 | 156,877 | 94, 701 | 169, 550 | 76, 498 | 93, 050 | 6,888 | 39, 238 | 68, 454 | 79,875 |
| 1921 monthly average - | 22, 777 | ${ }^{9} 236$ | 4, 842 | 2,207 | 364, 911 | 81, 963 | 44, 520 | 113, 197 | 56, 111 | 67, 085 | 5,694 | 24, 794 | 45, 896 | 34, 181 |
| 1922 monthly average. - | 18,840 | 7,962 | 3, 604 | 1,872 | 313, 768 | 82, 371 | 56, 104 | 87, 217 | 38,218 | 48,999 | 6, 197 | 21,370 | 24, 318 | 36, 478 |
| 1923 monthly average.- | 22, 443 | 9, 9398 | 3,799 5,43 | 2,588 | 340,893 374,801 | 100,706 | -67,269 | 70,064 80 815 | 21, 456 | 48,608 | 5 5, 821 | 25, 832 | 17, 273 | 46, 987 |
| 1924 monthly average.- | 26, 188 | 9,758 | 5,434 | 2,615 | 374, 804 | 111, 062 | 79, 215 | 80,515 | 32,724 | 47,791 | 8,038 | 23, 262 | 27,360 | 50, 889 |
| 1925 monthly average. | 33, 550 | 12,397 | 7, 288 | 3, 273 | 401, 560 | 118, 505 | 88,313 | 74, 304 | 26, 491 | 47, 813 | 8, 395 | 23,111 | 19,482 | 55, 140 |
| 1926 monthly average-- | 36, 959 | 11,965 | 7,954 | 4,087 | 392, 643 | 105, 110 | 67, 869 | 69, 839 | 27, 822 | 41,917 | 9, 193 | 20, 246 | 23, 739 | 54, 629 |
| 1927 monthly average... | 36,513 | 13, 624 | 7,395 | 3,157 | 396, 572 | 99, 398 | 68,859 | 73, 700 | 35,092 | 38, 608 | 10, 012 | 15,648 | 27, 070 | 68, 311 |
| 1928 monthly average.- | 40, 068 | 14, 908 | 8,342 | 3, 363 | 419, 175 | 107, 771 | 76, 667 | 63, 374 | 24, 557 | 38, 818 | 10,650 | 15,597 | 16, 145 | 59,696 |
| 1929 mouthly average.- | 44,942 28,126 | 17,524 | 9,066 <br> 4,484 | 4,648 <br> 3,865 <br> 18 | 429, 757 315,098 | 95, 196 69,092 | 64,236 41,400 | 62,824 45,099 | 22,466 14,878 | 40,359 30,221 | 11,332 9,139 | 16,902 12,793 | 16, 214 | 60,751 42,734 |
| 1931 monthly average-- | 13, 224 | 4, 388 | 2, 382 | 1,789 | 198, 165 | 47, 233 | 27, 139 | 31, 157 | 10,589 | 20, 568 | 9,016 | 8,017 | 7,019 | 26,471 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Januarý.-. | 7,273 | 2, 025 | 2, 013 | 339 | 146, 908 | 49, 735 | 36, 054 | 23, 657 | 8,193 | 15, 464 | 7,414 | 6,117 | 5, 261 | 18,816 |
| February | 7, 418 | 2,206 | 2,275 | 552 | 151,048 | ${ }^{52,633}$ | 37, 272 | 22,758 | 8,494 | 14, 264 | 6, 979 | 6, 025 | 5, 057 | 18,331 |
| March. | 8, 822 | 3, 063 | 2, 439 | 350 | 151, 403 | 50, 409 | 36,512 | 21,723 | 8, 510 | 13, 213 | 5,941 | 4, 651 | 5,430 7 | 17, 923 |
| April | 8, 533 | 2, 812 | 2,511 | 338 <br> 207 <br> 1 | 132,268 | 34, 023 | 20,651 | 21, 002 | 9, 788 | 11, 214 | 3,978 | 4,164 | 7,575 | 18, 664 |
| Jane | 7,808 | 2, 334 | 2, 1,841 | 197 | 109, 478. | 24, 208 | 13, 1365 | 18,042 | 8,896 | 11, 146 | 3,743 | 4, 465 | b, 5,089 | 18,247 14,892 |
| July | 7,553 | 2,769 | 1,787 | 280 | 104, 278 | 27, 587 | 15, 854 | 15, 616 | 5,507 | 10, 109 | 4, 255 | 4,396 | 2,937 | 14,119 |
| August. | 6,778 | 2, 253 | 1,825 | 260 | 106, 270 | 29,742 | 18, 125 | 17, 317 | 5,964 | 11, 352 | 5,382 | 3,991 | 3, 394 | 12,868 |
| September | 7,000 | 2,550 | 1, 984 | 220 | 129, 538 | 47, 397 | 32, 127 | 20,381 | 5,860 | 14,521 | 9, 571 | 4,781 | 2, 564 | 15,809 |
| October. | 8,462 | 3, 035 | 2, 265 | 245 | 151,035 | 60, 517 | 39,970 | 25, 219 | 8, 614 | 16, 605 | 12, 164 | 5, 200 | 2,709 | 16,867 |
| November | 9,306 | 2,635 | 3,578 | 234 348 | 136,402 128,875 | 55,326 52,234 | 38,532 | 19,885 | 8,610 | 11, 275 | 7, 883 | 4,095 | 3,543 | 14, 589 |
| December | 10,095 | 2,711 | 3,397 | 348 | 128,975 | 52, 234 | 38, 982 | 15,961 | 4,367 | 11, 594 | 4,781 | 4,615 | 2,085 | 15, 742 |
| Monthly average. | 8,049 | 2,594 | 2,383 | 297 | 131, 348 | 42,805 | 28,764 | 20, 128 | 7,452 | 12,677 | 6,378 | 4,739 | 4,262 | 16,304 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January.- | 8,126 | 2,712 | 2,606 | 294 | 118, 559 | 42,247 | 29, 727 | 16, 180 | 4,663 | 11,516 | 4, 606 | 5,917 | 2, 028 | 15, 835 |
| Februar | 8,128 | 2,781 | 2,682 | 291 | 99, 423 | 31, 848 | 20,561 | 12,817 | 3, 248 | 9, 571 | 3,774 | 4, 492 | 1,248 | 13, 243 |
| March. | 7.572 | 1,873 | 1,912 2 | 375 <br> 297 | 106,293 <br> 103,285 | 29,359 28.618 | 18,125 | 13,395 11 11309 | 3,524 <br> 2,510 | 9,871 8899 | 3,946 2,936 | 4,363 4,113 | 1,302 | 16,504 |
| May | 7,784 | 2, 250 | 1, 813 | 373 | - 111,845 | 34,986 | 26,061 | 13,044 | 3, 324 | 10,021 | $\stackrel{\text { 3, }}{3,775}$ | 4,927 | 1,044 | 17,600 |
| June | 8,578 | 2,756 | 1,650 | 517 | '117, 517 | 40, 257 | 29, 288 | 13,352 | 2,703 | 10,650 | 2,889 | 6,510 | 1,187 | 18, 178 |
| July | 9, 702 | 3,413 | 2, 325 | 456 | 141, 573 | 51, 509 | 36,756 | 15,383 | 3,078 | 12, 305 | 4,261 | 5,692 | 1,102 | 21, 359 |
| August | 8,889 | 2, 897 | 2, 088 | 338 | 129,315 | 41,968 | 28, 173 | 16,886 | 3, 062 | 13, 824 | 5, 638 | 6, 376 | 1, 480 | 20, 463 |
| Septermbe | 10,643 | 3,588 | 2, 650 | 656 | 157, 490. | 63,611 | 45, 293 | 18,701 | 3,398 | 15, 302 | 6,813 | 6, 945 | 1,305 | 21, 261 |
| October | 12,237 | 4, 141 | 3, 194 | 458 | 190, 842 | 81,794 | 54, 224 | 23, 510 | 5,042 | 18,468 | 11,023 | 6, 171 | 1,246 | 24, 445 |
| Novembe | 12, 249 | 4,559 | 2,862 | 491 | 181, 291 | 71,299 | 48,775 | 24, 0.55 | 6,653 | 17, 402 | 9,656 | 6, 631 | 1,642 | 24, 195 |
| Deceraber | 12,905 | 3,322 | 3, 626 | 777 | 189, 808 | 73, 071 | 44,296 | 24, 344 | 7,464 | 16,880 | 8,326 | 6, 696 | 3,876 | 28,497 |
| Monthly average. | 9, 504 | 3,077 | 2,477 | 443 | 137, 268 | 49, 214 | 38, 184 | 18,915 | 4,031 | 12,884 | 5,637 | 5,486 | 1,649 | 19,763 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 10, 864 | 2,942 | 2,938 | 545 | 169, 577 | 60, 401 | 41, 481 | 22,683 | 7, 294 | 15,399 | 8,424 | 6, 072 | 3, 146 | 25, 024 |
| February | 9,728 | 2, 552 | 2, 838 | 593 | 159, 617 | 54, 120 | 37, 836 | 19,567 | 6,894 | 12,674 | 6,768 | 5,414 | 2,711 | 24, 516 |
| March. | 13,080 | 3,909 | 3, 400 | 654 | 187, 418 | 65, 270 | 34, 683 | 20,066 | 6, 138 | 13,928 | 5,459 | 5, 945 | 3,138 | 31, 370 |
| April. | 13, 72 | 3,619 3,368 3,50 | 3,170 2,981 | 1,020 | 176,490 $\mathbf{1 5 7 , 1 6 1}$ | 45, 876 37,871 | $\begin{array}{r}24,459 \\ 17 \\ \hline 1886\end{array}$ | 17,813 16,811 | 5,348 3,990 3,023 | 12,466 12,821 | 4,432 3,331 | 5,126 | 3,680 1,927 | 29, 231 |
| June | 13,918 | 3, 505 | 3,343 | 1,048 | 167,902 | 47,000 | 18,917 | 14,922 | 3,023 | 11,899 | 4,005 | 6,853 5,621 | 1,139 | 27, ${ }^{2688}$ |
| July -- | 13, 687 | 3,782 | 3,216 | 814 | 159, 128 | 37, 197 | 20,341 | 16,936 | 3,683 | 13,254 | 5,131 | 5,727 | 1,606 | 28, 876 |
| August | 16, 524 | 4, 437 | 3,964 | 1,329 | 169, 851 | 39,675 | 17,801 | 22, 102 | 5, 290 | 16, 803 | 7, 688 | 6,791 | 3,016 | 29,378 |
| Septembe | 15, 313 | 3,712 | 3, 979 | 1,181 | 188, 880 | ${ }^{66,066}$ | 32, 187 | 20,056 | 4, 067 | 15,990 | 7,101 | 5,349 | 1,955 | 29, 728 |
| October- | 13,780 | 4, 135 | 2,961 | 1,047 | 203, 536 | 82,871 | 43,434 | 21,791 | 5,264 | 16,527 | 8, 988 | 4,908 | 1,683 | 28, 804 |
| November | 13,092 <br> 13,150 | 3,780 2,846 | 4,359 <br> 3,225 | 1,644 | 192, 156 188,442 | 71,779 54,525 | 38,206 36,025 | 18,281 15,688 | 4,412 3,620 | 13,869 12,048 | 5,437 $\mathbf{5 , 3 6 6}$ | 5,582 4,113 | 1,681 1,404 | 30,415 30,316 |
| Monthly average. | 18,476 | 3, 657 | 3,365 | 1,003 | 175, 011 | 54, 398 | 31,083 | 18,892 | 4,919 | 13,973 | 6, 010 | 8, 542 | 2,267 | 28, 486 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 13, 502 | 3,504 | 3, 551 | 1,110 | 173, 660 | 55, 814 | 32, 158 | 16, 254 | 4, 086 | 12, 168 | 5, 275 | 4,746 | 1,182 | 27, 196 |
| Fobruary | 13, 959 | 3,765 | 3,534 | 1,320 | 160,312 | 44, 992 | 27,074 | 16, 269 | 3,897 | 12,372 | 6, 178 | 4, 388 | 1,228 | 25, 492 |
| March | 16, 881 | 4, 623 | 4, 125 | 1,316 | 181, 611 | 40, 450 | ${ }_{21,817}$ | 16, 195 | 3, 681 | 12,514 | 5,377 | 4,122 | 1,398 | 30, 824 |
| April | 14, 143 | 3,858 3,535 | 4,024 <br> 3,158 | 1,088 1,119 | 160, ${ }^{1691}$ | 38,128 36,925 | 21, 19 1968 | 12,870 | 3,202 3,715 | 9, 668 11,690 | 4,010 4,732 | 3,168 4,281 | 1,192 1,355 | 26,063 26,421 |
| Jane | 14,046 | 4,383 | 3,474 | 1,209 | 167,278 | 40,754 | 23,380 | 15,467 | 4,014 | 11, 453 | B,569 | 3,316 | 1,099 | 28, 818 |
| July . | 15, 064 | 4,622 | 3,733 | 1,432 | 167,865 | 38,345 | 19,232 | 15, 333 | 5,219 | 10, 114 | 6,396 | 3,273 | 1,140 | 28, 140 |
| August- | 15, 361 | 4, 914 | 3, 396 | 1,069 | 169,683 | 40, 869 | 16, 855 | 15, 624 | 4.795 | 10,829 | 6,561 | 3,237 | 1,211 | 30, 950 |
| Septemb | 13,906 | ${ }_{3}^{4,228}$ | 3, 196 | 1,283 | 196, 040 | ${ }_{68,670}^{8846}$ | 31,817 | 22,403 | 7,074 | 15,329 | 11, 800 | 2,582 | 1,283 | 29,540 |
| Novemb | 17, 118 | 4,436 | 4, 414 | 1,697 | 267, ${ }^{258}$ | 112, 676 | - 750,082 | 26, 779 |  | 10,693 2085 | 13, 921 | 4,8 | 1,565 | 30, 303 |
| December | 13, 407 | 3, 657 | 3, 278 | 1, 216 | 220, 931 | 82, 685 | 56, 769 | 19,698 | 5,169 | 14,528 | 9, 423 | 3,315 | 1,168 | 31, 698 |
| . Monthly average.. | 14, 328 | 4,115 | 3,635 | 1,248 | 186, 823 | 88, 913 | 32,675 | 17, 897 | 4,898 | 13, 101 | 7, 838 | 8, 617 | 1,268 | 29, 165 |

For footnotes see p. 166.

FOREIGN TRADE—VALUE OF EXPORTS AND IMPORTS ${ }^{1}$

| Yrar and Monte | EXPORTS OF U．S．MERCHAN－ DISE，BY ECONOMC CLASSES |  |  |  | general imports，by grand divisions and countries |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FINISHED MANUFACTURES |  |  |  | Total | arrica， total | Asia and Oceania |  | Europe |  |  |  |  |
|  | Total | $\begin{aligned} & \text { Autos, } \begin{array}{l} \text { parts, } \\ \text { ande } \\ \text { aeces- } \\ \text { sories } \end{array}=\text {, } \end{aligned}$ | $\begin{gathered} \text { Caso- } \\ \text { line } \end{gathered}$ | $\underset{\text { ery }}{\text { Machin- }}$ |  |  | Total | Japan | Total | France | $\begin{gathered} \text { Ger- } \\ \text { many } \end{gathered}$ | Italy | United King－ don |
|  | Thousands of dollars |  |  |  |  |  |  |  |  |  |  |  |  |
| 1913 monthly avorage |  | 2,9112,8389.99110,29510,3738,4078,408, | 2，156 | 15， 722 | 149，383 | $\begin{aligned} & 1,977 \\ & 1,638 \\ & \begin{array}{l} 1,687 \\ 6,158 \end{array} \end{aligned}$ |  | 8，245 | 72,05665,293 | ¢ | 15， 3 ， 31 | 4，4,610 <br> 4,601 |  |
| 1914 monthly average |  |  | 2，107 |  | 149， 106 |  |  |  |  |  |  |  | 23， 449 |
| 1916 uronthly vverage |  |  | 5，722 |  | 199，${ }^{\text {193，}}$ |  | 行， 365 | 15，174 | 52，766 | ¢9，074 | ＋485 | 5，020 | 25，${ }^{2157}$ |
| 1917 nonotbly average． |  |  | 7，761 | 29，638 | 246， 039 | 6，089 | 71， 455 | 21， 139 | 45，929 | 8，220 | 13 | 3 3，040 | ${ }^{23,340}$ |
| 1918 nootthly average． |  |  | 11，633 | 22， 496 | 252， 601 | 7，126 | 86，837 | 26， 162 | 26，510 | 4，959 | 26 | 2，028 | 12，385 |
| 1919 monthly average | 267， 072 <br> 135，571 |  | 7,671 14.628 | 30，158 | 325,364 <br> 439 <br> 873 | 9，349 | $\begin{array}{r}\text { 99，} 696 \\ 123058 \\ 1205 \\ \hline\end{array}$ | 34,154 <br> 34,548 | 62,544 102320 102 | 10， 318 <br> 13,805 | $\begin{array}{r}884 \\ 7.403 \\ \hline\end{array}$ |  | 25， 766 42,821 |
| 1920 unothly average． |  |  | 14,628 10,909 | － $48,9,938$ | 439,873 <br> 209,096 | －${ }_{\text {12，}}^{3} \mathbf{3 6 4}$ | 123,058 54,447 | 34,548 20,939 | 102,320 63,745 | 13，13， <br> 11,824 | 7，403 6,690 | 6，280 5,191 | 42， 820 19,900 |
| 1922 monthly average． | $\begin{aligned} & 135,571 \\ & 107,692 \end{aligned}$ | 8,60014,218 | 10,569 | 19，495 | 259， 399 | 5，410 | ${ }^{72,950}$ | ${ }^{29,525}$ | 82， 00 | 11， 901 | ${ }^{8,791}$ | 6，323 | 29， 739 |
| ${ }_{1924}^{1923 \text { monthly average }}$ | 123，147 132， 338 |  |  | 23， <br> 2681 <br> 181 | －316,005 <br> 300,830 | 7,255 <br> 6,083 <br> 8.0 | 89,981 81,638 | 28， 2388 | ${ }_{991,311}^{96,421}$ | 12，${ }_{12}^{128}$ | 13， 413 | 7，689 | 33， 3 3，673 |
| 1925 monthly average． | 132， 338 |  | 16，458 | 30，600 | 352， 218 | 7，679 | 116，411 | 32，013 | 103， 182 | 13，119 | 13，688 | 517 |  |
| 1826 monthly average | 153,611 <br> 163,065 <br> 165,163 <br> 103 |  | ${ }^{21,933}$ | 33， 295 | 369， 241 | 8,035 | 122， 421 | 33，391 | 107， 155 | 12，668 | 16， 541 | 88.544 | 31， 333 |
| 1927 monthly average |  | $23,261$ | 17， 1887 | ${ }^{36,169}$ | 318,729 <br> 3129 | 7，771 | 110， 307 | 33， 509 | 110， 339 | 13，${ }^{183}$ | ${ }^{16,713}$ | 9，081 | 29，828 |
| 1923 monttly average | $\begin{gathered} 188,389 \\ \hline 10,985 \\ 158,174 \\ 93,305 \end{gathered}$ |  | 19，${ }^{1988}$ | 41，${ }_{50}$ | 340,954 <br> 366 <br> 63 | 7,517 | 101，865 | 永， 3 ， 38 | 114， 032 | 13， 229 | 18， | 8 8， 773 | ${ }_{27}^{29,045}$ |
| 1829 monthly avorage |  |  | 22,242 <br> 20,887 |  | 行， $\begin{aligned} & 366,613 \\ & 255,076\end{aligned}$ | 9,051 5,629 5 | 111,403 74,107 |  | 111， 05 |  |  | ¢，756 | 27,479 17,499 |
| 1931 monthy average． |  | $\begin{gathered} 23,261 \\ 12,344 \end{gathered}$ | 20，208 <br> 108 | 26， 403 | 174， 220 | 2， 2 2， 740 | 49，452 | 17，196 | 53，341 | 6，593 | 10，587 | 5．222 | 11， 288 |
| 193\％ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January－1－－ | $\begin{aligned} & 54,608 \\ & 57,236 \end{aligned}$ | 6，765 <br> 7,433 | 7,600 7,033 | 11，${ }_{13}^{13}$ | 135,520 130,999 | 2， 2,121 | ${ }_{33,562}^{37,842}$ | 14， 150 12 12 | 40，889 | 4， 4 | 8，${ }_{8}^{6,454}$ | 5,037 4,007 | 5,872 7,638 |
| March | $\begin{aligned} & 61,348 \\ & 58,79 \\ & 60,479 \end{aligned}$ | 9，346 <br> 7,917 <br> 7,865 <br> , 865 | 6，344 | ${ }^{13,461}$ | 131， 189 | 3，715 | 35， 499 | 13， 164 | 36，469 | ${ }_{4}^{4}, 242$ | ${ }_{6,563}$ | 4，449 | 7，701 |
| April． |  |  | 8,324 9,894 8 | 12， 250 <br> 11 <br> 1128 | 126，${ }_{\text {122 }}$ | 2,109 1,767 |  | ${ }_{8}^{11,813}$ | － $\begin{array}{r}34,130 \\ 28,721\end{array}$ | 3,816 <br> 2,753 | ¢ | $\xrightarrow{4,368}$ | 7，324 |
| June．．． | 動， 638 | 6，322 | 7，741 | 10， 255 | 110， 280 | 1，654 | 29，450 | 8 8， 542 | ${ }_{25,672}^{25}$ | 3，185 | 4，968 | 2，301 | 5，178 |
| July． |  | ¢ | 5，328 | 9，578 | 79， 421 | 1， 514 |  | 8，581 | ${ }^{21,525}$ | 2，231 | 4， 464 | 1，000 | 4， 279 |
| Augast．．．－ |  |  | 5， 636 <br> 5.765 | 8,990 8,115 | － 91,102 | 1,317 1,250 1,260 | 25，439 27,732 | 10,088 12,135 | 26， 3235 32,50 | 3，339 <br> 4,023 <br> 1 | 5，698 <br> 6,754 |  | 6，${ }_{\text {6，}}^{621}$ |
| October |  | $\begin{aligned} & 4,989 \\ & 4,959 \\ & 4,353 \end{aligned}$ | 5，350 | 11，${ }^{\text {a }}$ ， 43 | 105，499 | 1，412 | 28， 110 | 10， 505 | 36， 800 | 4， 510 | 7，152 | 3，900 | 6，789 |
| Novembe |  |  | 5，445 <br> 4,620 | 10,231 <br> 9,698 <br> 1 | 104，468 <br> 97,087 | 1,502 1,946 1,98 | 30,348 30,628 3 | （11， 730 |  | ¢4,549 <br> 3,824 | 6,380 4,762 | 3,984 3,618 | 6.540 4,862 |
| Monthly average． | 62，019 | 8， 355 | 0， 680 | 10， 972 | 110， 231 | 2，021 | 30，845 | 11， 188 | 32，414 | 3，728 | 6，131 | s， 634 | 6，219 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January－1．－ | $\begin{aligned} & 44,207 \\ & 41,515 \\ & 4,5036 \end{aligned}$ | $\begin{aligned} & \text { 6, } 535 \\ & 6,347 \end{aligned}$ | 5,059 <br> 3,789 | ¢，0,233 <br> 8,524 | 96，006 | 2，618 | 31， 121 | 7，932 | ${ }_{\text {28，}}^{28,2781}$ | 3，${ }_{\text {3 }}^{2} \mathbf{1 2 5}$ | 5，${ }_{4}^{514}$ | 2，976 | ${ }^{4,372}$ |
| March－ |  |  | 3，930 |  | －${ }_{94,860}$ | 1，675 |  | ¢ | －26，7914 | 3， <br> 3,000 <br> 189 | －${ }_{5}^{4,675}$ | － |  |
| Apriil． | $\begin{aligned} & 47,036 \\ & 47,879 \end{aligned}$ |  | 5，966 | 8， 8 8， 83 | 88，412 | 1，198 | 22，${ }^{269}$ | 8，055 | －24，420 |  | ${ }^{4,726}$ | 3，318 | ${ }_{6}^{6,095}$ |
| Juno－－ | 45,729 |  | ${ }_{3,920}^{3,927}$ | $\xrightarrow[9,275]{9,03,}$ | ${ }_{122,197}$ | 2，243 | 33， 912 | 11，467． | ${ }_{41,174}$ | 3，111 | 6，802 | 3，720 | 11， 169 |
| July－ | 53， 321 49， 998 | 7,4968,051 | 6，002 | 10，070 | ${ }^{142,980}$ | 2，607 | 47， 794 | 14， 420 | 43，750 | ${ }^{3,525}$ | 7.467 8.702 | 3， 318 |  |
| Alugust－ |  |  | 3,432 <br> 3,878 | 11， 11.079 | 154,918 <br> 146,643 | 3,179 <br> 3,915 | 47，${ }^{438} \mathbf{4 3 8}$ | 14， 101 14,217 | ¢1， 4989 | ${ }^{5,410}$ | 8， 8 8， 702 | 3,473 <br> 3,108 <br> 18 | － 12.003 |
| October． | $\begin{aligned} & 53,916 \\ & 61,093 \\ & \text { a1, } 743 \end{aligned}$ | ${ }_{8}^{8,593}$ |  | 13， 543 | 156， 8 867 | $\xrightarrow{2}$ | 45， 604 | 11， 503 | ${ }_{51}{ }^{41,908}$ | ${ }_{5}^{6,118}$ | ${ }_{7}^{8,667}$ | 3， 838 | 15，253 |
| November | － $\begin{aligned} & 61,743 \\ & 63,897\end{aligned}$ | $\begin{array}{r} 7,343 \\ 9,306 \end{array}$ | 7 | 15，${ }^{15,81}$ | 128，${ }_{13,518}$ |  | 39,049 39,476 |  | 43,577 4292 | 5,627 6891 |  | 3,180 3 2 | 8，${ }_{8}^{\text {9，254 }}$ |
| December |  |  | 4，097 | 15，820 | 133， 518 | 2，587 | 39， 476 | 10，372 | 42， 292 | 6，891 | 6，891 | 2，015 | 8， 252 |
| Monthly average | 61， 387 | 7，653 | 4，793 | 11，044 | 120， 797 | 2，365 | 36， 688 | 10，701 | 38， 516 | 4，142 | 0， 616 | 3，214 | 9， 268 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January－ |  | 10,835 <br> 13,180 | $\xrightarrow{4,782} 4$ | 14， 403 14,576 | 135,706 <br> 132,753 | $\stackrel{2}{2,641}$ | $\stackrel{44,890}{36,083}$ | ${ }_{8,918}^{9,47}$ | 38， 669 48,309 | －${ }_{8,672}$ | ${ }_{6}^{6,673}$ |  | 8,359 12,857 |
| March－．－ |  | 20，632 | 56， 819 | 18， 272 | 158， 105 | 4，${ }_{4}^{3,89}$ | 49，085 | ${ }^{11,532}$ | ${ }^{46,815}$ | 5，949 | 7 7，397 | 3，828 | 11， 111 |
| ${ }_{\text {April．}}^{\text {May }-.}$ | 81,711 83,710 88 | 21， 24. | 5，784 <br> 3,785 | 19， 1704 | 146， 154.647 | 4,018 2,729 | 51， 591 56,838 |  | －${ }_{4}^{39,072}$ | ¢ ${ }_{5}^{4,523}$ |  |  | 3， 11，933 1207 |
| Juno－－－ | 76，199 <br> 77,982 | 19，997 | 3，906 | 18，633 | 136， 109 | 2，800 | 49，146 | 9，279 | 35， 823 | 4， 189 | 5，168 | 2， 474 | 7，881 |
| July． |  | $\begin{aligned} & 18,9397 \\ & 13,929 \\ & 13,995 \end{aligned}$ | 3，529 |  | 127， 229 | 2，239 | 38，351 | ${ }_{9}^{9,104}$ | 37，400 | 3，575 | 5， 5 ， 281 | 2， 214 | ${ }_{7}^{0.673}$ |
| ${ }_{\text {Soptember }}$ | 78， 78098 |  | 4，103 3,777 | － 20,180 | 119， 513 | $\underset{\substack{2,605 \\ 2,114}}{2,14}$ | －34，720 | 9， 104 12,138 | 34,747 39,162 | －${ }_{3,948}^{4,103}$ | ¢，${ }_{5,687}^{5,405}$ | － 2,269 | 7，7878 |
| October－ | 70，099 | $\begin{aligned} & 12,353 \\ & 11,028 \\ & 11,028 \end{aligned}$ | ${ }_{4}^{4,180}$ | 18，668 | ${ }^{129,635}$ | 2,150 2 2 1 | 35， 3 59 | 10， 120 | 388， 56 | 4，103 | ${ }_{5}^{5,213}$ | ${ }_{4}^{2,173}$ | 8， 231 |
| November－ | $\begin{aligned} & 71,681 \\ & 67,933 \end{aligned}$ |  | $\begin{array}{r}\text { 4，} 100 \\ 3,343 \\ \hline\end{array}$ |  | 1150，919 | 2， <br> 1，685 <br> $\mathbf{2}$ |  | 11,877 7,311 | － |  | $\underset{\substack{5,544 \\ 6,223}}{5}$ | －${ }_{3,207}^{4,179}$ | 10， $\begin{array}{r}\text { 7，702 }\end{array}$ |
| Monthy average．．．． | 73， 237 | 15， 851 | 4， 269 | 18， 198 | 137， 221 | 2，777 | 42，028 | 9， 938 | 40，788 | 8,088 | 6，734 | 2，979 | 9，613 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January－1 |  |  | 4,275 <br> 2,803 <br> 8 | 18，238 | 106,832 <br> 152,491 | $\xrightarrow{2,803}$ | 61，${ }_{61,093}$ | 10,321 12,245 | 46,743 40,157 | ¢ |  | $\xrightarrow{2,424}$ | 10， 078 10,253 |
| March－．－ |  |  | 5，010 | －23，737 | 177， 356 | 8 8， 888 | 54， 645 | 12，634 | ${ }^{47,649}$ | 4，${ }_{4}^{4,648}$ | 6，362 | 2，, 01 | ${ }^{11,611}$ |
| April．．． |  |  | 3,069 <br> 4.548 | 22， <br> $\begin{array}{l}22,75 \\ 22,177\end{array}$ | 170,500 <br> 170,53 |  |  | 11， 770 12.508 120 | 4， 4850 47450 |  |  |  | （11，${ }_{\text {che }}$ |
| Juna－－－ |  |  | 6，435 | 20，655 | 156， 754 | 3 3，365 | 46， 303 | 10，900 | 42，568 | 4，063 | 6，607 | 2，518 | 11，388 |
| July | $\begin{aligned} & 86,047 \\ & 82,240 \\ & 75,427 \end{aligned}$ | 19， 122 | 6，${ }_{\text {6，}}^{608}$ |  | 176,631 <br> 169,030 | 2，879 2,782 | 65， 608 61,488 | 11， 12.810 12,63 | 44,001 45,513 | 3，694 4,303 | 5，328 6,508 | cin | 12，787 |
| ${ }_{\text {Septembe }}$ |  |  | ¢， 6 |  | 169，${ }^{163}$ | $c2377$ | 行， 51,288 |  | －${ }^{45,515}$ | 4，${ }_{4}^{4,303}$ | － 6 | 2， 248 | 11， 11.672 |
| Ootober－ | $\begin{aligned} & 75,427 \\ & 8,697 \\ & 93,390 \end{aligned}$ | － 13,322 | 5，109 | ${ }^{23,512}$ | 189， 357 | ${ }^{2}, 675$ | 56， 461 | 16，566 | ${ }^{64,977}$ | 7，470 | 7，367 | 4，401 | 16，550 |
| Devember－．．－．．．．－．．．－．．．－－－－ | －86，850 |  | － 7 7，985 | 22， 538 280 | 169,385 <br> 1868 <br> 1808 | ¢ | 47， 312 58,207 | 14， $\begin{aligned} & 14,122 \\ & 140\end{aligned}$ | －${ }_{60,683}^{60,72}$ | 5，963 4,969 | 8， 8 8， 162 | ¢6， <br> 4,740 <br> 108 | 15，054 |
| Monthly average．．．－－－ | 82， 859 | 18，841 | 5，958 | 22，113 | 170， 624 | 3，477 | 62， 585 | 12， 742 | 49，893 | 4， 842 | 6， 488 | 3， 228 | 12，940 |

For footnotes，see p． 166.

FOREIGN TRADE－VALUE OF IMPORTS ${ }^{1}$－Continued

| Year and Moder | general imports，by grand divisions and countries |  |  |  |  |  |  |  | MPORTS FOR CONSUMPTION，BYECONOMICS CLASES |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Northern North ${ }_{\text {America }}$ |  | ${ }_{\substack{\text { Southern } \\ \text { Americarth }}}^{\text {a }}$ |  | South America |  |  |  | Total | $\begin{gathered} \text { Crude } \\ \text { crice } \\ \text { riticses } \end{gathered}$ | $\begin{gathered} \text { crude } \\ \substack{\text { Tood } \\ \text { sufus }} \end{gathered}$ | $\begin{gathered} \text { Manu- } \\ \text { Mar- } \\ \text { tared } \\ \text { forod } \\ \text { stuff } \end{gathered}$ | $\begin{aligned} & \text { Seml- } \\ & \text { sama- } \\ & \text { mares } \end{aligned}$ | $\begin{gathered} \text { Fin- } \\ \text { shind } \\ \text { mand } \\ \text { mand } \\ \text { tares } \end{gathered}$ |
|  | Total | ada | Total | esico | Total | ${ }_{\text {Argen }}$ | Brazil | Chile |  |  |  |  |  |  |
|  | Thousands of dollars |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 32 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\substack{\text { Ferararary } \\ \text { March }}}$ |  | （10， 11.85 | citis |  |  | 1，883 | ciebs | cin | － | 38，122 | coin 23.488 |  | ${ }_{\text {coin }}^{26,598}$ |  |
| ${ }_{\text {Aprin }}$ | 115， 8 200 | （is， | ${ }^{18,585}$ |  | coist | cin | ¢，152 | ${ }_{1}^{1,020}$ | － 123,5176 | （36， 24 | cin |  | cone |  |
| ${ }_{\text {cune }}^{\text {May }}$ | coin 18,283 |  | 14， 14.630 | cien |  | ${ }^{1,583}$ | ${ }_{8,714}^{8,74}$ | ${ }^{1}$ | 212， 1121 | ${ }_{\text {2，}}^{28,38}$ | 20，038 | ${ }_{\text {12，}}^{16,595}$ | ${ }_{\text {c }}^{\substack{17,4282}}$ | ${ }_{\text {cha }}^{29,489}$ |
| Y－ | cin |  | 9，078 |  |  | 488 | ${ }_{4}^{4,494}$ | ${ }^{222}$ | ${ }_{93}^{79,384}$ | ce， 19,456 |  |  |  | 21，810 |
| er |  |  | cineme | （2， |  | coid |  | － | coider |  | cin | cisise | cisitio |  |
| Nocember． |  |  | cient |  |  | ci，1,148 <br> 1,688 |  | 260 | 95，898 |  | 117，643 | cin 12,818 |  | ${ }_{\substack{23, 23,990}}^{290}$ |
| Monthly average 1933 | 16，118 | ${ }^{14,008}$ | 13，092 | 3，119 | ${ }^{16,74}$ | 1，315 | 6，445 | 1，023 | 110， | 29，800 | 18，414 | 14，494 | 18，081 | 28，388 |
| January． |  |  | ¢，8,076 <br> 8,200 <br> 10 |  |  | li， $\begin{aligned} & 1,178 \\ & 1,175 \\ & 1\end{aligned}$ | ${ }_{\text {c }}^{5.816}$ | ${ }_{271}^{270}$ |  |  | cin 17.828 | cin 2,888 |  | ${ }^{887}$ |
| ${ }_{\text {A Ariil }}$ | coile | cili， 11088 | 1， 78 |  | cine | cis |  | 409 |  |  |  |  | cintisie |  |
| ${ }_{\text {cunay }}$ | ${ }^{16,415}$ 16，715 |  | 12,787 <br> 10,87 <br> 18 |  | cis， 18.284 | 1，780 | ${ }_{5,161}^{6,958}$ | ${ }^{3,788}$ | 109,141 123,831 |  | 118，775 | 20， 2988 | ctir 21,760 | 23,688 <br> 2388 <br> 280 |
|  |  | 19，38 |  |  | 17，453 |  |  |  | 142,018 <br> 152 <br> 1514 <br> 1 | 4， 4 6，47 |  |  | 30， 882 | ${ }^{26,769}$ |
| Seutem | 20， 103 | ${ }^{19,079}$ | －10，088 | ci， | cintirem | cisisis |  | ${ }_{1}^{1,592}$ | － 11474.598 |  |  | coilitien |  | cois |
| Otober | 20，20 | － 12,12123 | coizi88 | － |  |  |  |  | cintiter | coit | citis | citior |  | coick |
| Monthl average | 15，888 | 15，461 | 10，699 | ， 680 | 18，857 | 2，820 | 8，886 | 969 | 119，41 | 34，84 | 17，8 | 17， 114 | 24，934 | 28．862 |
| 193 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| uary |  | $\stackrel{18}{18,}$ |  | 边， 3,025 |  | ${ }_{2,525}^{2,54}$ | 7，7,50 <br> 8,50 | 1，184 |  | ${ }_{3}^{35,916}$ | ${ }_{\text {c }}^{18,423}$ | 20，822 | ${ }_{2}^{26,413}$ | 27，31 |
| ${ }_{\text {A }}$ March－ | －18， 17.42 | cirs |  | ${ }_{3,154}$ |  | 2，959 | 9，360 | 2，${ }_{\text {2，} 221}^{197}$ |  | ${ }_{4}^{45,219}$ | ${ }_{26,259}^{26,163}$ | ${ }_{\text {22，}}^{22,36}$ | ${ }^{29,124}$ | 28，425 |
| 这 |  |  |  |  |  | 2，083 | ${ }_{5,655}$ | $\underset{\substack{2,511 \\ 1,325}}{\substack{\text { a }}}$ |  | ${ }_{4}^{42,988}$ | cis 18,084 | $\substack{28,278 \\ 21,175}$ | ${ }_{\text {2 }}^{26,781}$ | 30,845 26,47 |
|  |  | 18， 157 | 13，137 |  | 17，20 |  |  |  | 124，010 | ${ }^{38,983}$ | 17.764 | ${ }^{11,385}$ |  |  |
|  |  |  |  |  | cin | 发， 1235 | ${ }_{8}^{6,572}$ | $\underset{\substack{1,394 \\ 1,189}}{\substack{\text { a }}}$ |  |  | cintiter |  |  |  |
| Nooember |  |  | －15，${ }_{\text {187 }}$ | ${ }_{\text {2，}}^{2,664}$ |  | 2， | 9， 331 | ${ }^{1,888}$ | 149， |  | ${ }^{245} 2658$ | ${ }_{22,238}^{22,64}$ |  |  |
|  |  |  |  | 3，20 |  |  | \％， | 2， |  |  |  | 21，982 |  |  |
| 1935 |  | 19，30 | 13，994 | 3，041 | 19，000 | 2，467 | 7，024 | 1，809 |  |  |  |  |  |  |
| uary |  | ${ }_{18}^{18}$ |  |  | co， 20,058 |  | ${ }_{8}^{8,156}$ | ${ }_{2}^{1,988}$ | 188，482 | ${ }_{45}^{45}$ |  |  | co， 29.689 | ， 128 |
| ril | 23, |  |  |  |  | ${ }_{\substack{6 \\ 4 \\ 4 \\ 4 \\ 8 \\ 8 \\ 8060}}$ | 8，698 | 发， | cist， |  |  | ${ }_{25,507}^{25,75}$ |  |  |
| Juap－－．．－－－－ | 27，887 | ${ }^{23,488} \times 1$ |  | ${ }^{3}, 688$ | cin ${ }_{\text {che }}^{24,583}$ |  | ${ }^{7,310}$ | $\underset{\substack{\text { 3，} \\ 1,583}}{ }$ | cis6，756 | ${ }_{4}^{44,291}$ | ${ }^{26,312}$ | ${ }_{26,}^{283} \mathbf{2 8 0}$ | ${ }_{\substack{33 \\ 31,589}}^{\text {ces }}$ |  |
|  |  |  |  |  |  |  |  |  | － 173.096 |  | ${ }^{24,232}$ | cis 31.25 |  | 32， |
|  |  |  |  |  |  | ¢ |  |  | come |  |  |  |  |  |
| Norember |  |  |  | ciel |  |  |  |  | cilice |  |  | coisis．09 |  |  |
| Conthy average－ | 24，429 | 23，870 | 16，784 | 3，639 | 23，456 | 5，451 | 8， 507 | 2，008 | 189，009 | 48，637 | 28，881 | 29，698 | 94， 141 | 3s，8 |

For footnotes see p． 166.

TRANSPORTATION AND COMMUNICATIONS-EXPRESS OPERATIONS, STREET RAILWAYS, AND FREIGHT GARLOADINGS


For footnotes see p. 166.

TRANSPORTATION AND COMMUNIGATIONS—FREIGHT CARLOADINGS—Con.


For footnotes see p. 166.

TRANSPORTATION AND COMMUNICATIONS-RAILWAY OPERATIONS AND WATERWAY TRAFFIC


For footnotes see pp. 166, 167.

TRANSPORTATION AND COMMUNICATIONS—WATERWAY TRAFFIC-Continued


TRANSPORTATION AND COMMUNICATIONS-TRAVEL


For footnotes see p. 167.

| Year and Month | TELEPHONES CARRIERS HAVING ANNUAL OPERATING REVENUES IN EXCESS OF $\$ 250,000$ )! |  |  |  |  |  | TELEGRAPHS AND CABLES ${ }^{\text {a }}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Operating revenues |  |  | Operating expenses | Net operating income ${ }^{8}$ | Telephones in service, end of month | Operating revenues |  | Operating expenses | Operating income |
|  | Total ${ }^{3}$ | Station | $\begin{aligned} & \text { Message } \\ & \text { tolls } \end{aligned}$ |  |  |  | Total | Commer cial tele- graph tolls |  |  |
|  | Thousands of dollars |  |  |  |  | Thousands | Thousands of dollars |  |  |  |
| 1916 monthly average- | $\begin{aligned} & 23,598 \\ & 26,490 \\ & 28,422 \\ & 34,40 \\ & 40,731 \end{aligned}$ | 16,690 | 5,860 | 15,660 |  | 7, 125 | --.......- | -.............- |  | ................. |
| 1917 monthly average.- |  | 18,502 | $\stackrel{6,802}{7,544}$ | 18,203 | 6,333 | $\begin{aligned} & 7,120 \\ & 7,717 \\ & 7,933 \end{aligned}$ | --..........- | --............. |  |  |
| 1919 monthly average. |  | 23, 061 | 9,429 | 25,324 | 6,424 |  | 11,703 | 9, 057 | 9,-70i | .-...-----..-- |
| 1920 monthly average |  |  | 11, 261 | 31, 270 | 6,810 | 9, 994 |  |  |  | ---.....-7, 1,42 |
| 1921 monthly average | $\begin{aligned} & 45,068 \\ & 49,278 \\ & 53,980 \\ & 58,765 \\ & \mathbf{6 6}, 205 \end{aligned}$ | $\begin{aligned} & 31,096 \\ & 33,760 \\ & 36,935 \\ & 40,56 \\ & 45,215 \end{aligned}$ | 11,54812,84414,05214,944 | 32,88134,83538,22941,352 | $\begin{array}{r} 8,893 \\ 10,495 \\ 11,381 \\ 12,650 \\ 15,588 \end{array}$ | $\begin{array}{r} 9,827 \\ 10,481 \\ 11,386 \\ 12,217 \\ 13,025 \end{array}$ | $\begin{aligned} & 10,371 \\ & 10,808 \\ & 11,153 \\ & 11,263 \\ & 12,687 \end{aligned}$ | $\underset{8}{7,966}$ | $\begin{array}{r} 8,721 \\ 8,414 \\ 9,076 \\ 9,274 \\ 10,328 \end{array}$ | $\begin{aligned} & 1,284 \\ & 1,697 \\ & 1,583 \\ & 1,538 \\ & 1,827 \end{aligned}$ |
| 1923 monthly average. |  |  |  |  |  |  |  | $\begin{aligned} & 8,435 \\ & 9,027 \end{aligned}$ |  |  |
| 1924 monthly average. |  |  |  |  |  |  |  | $\begin{array}{r} 9,0,30 \\ 10,320 \end{array}$ |  |  |
| 1925 monthly average |  |  | 17, 275 | 45, 052 |  |  |  |  |  |  |
| 1928 monthly average. | $\begin{aligned} & 73,399 \\ & 79,364 \\ & 86,818 \\ & 95,624 \\ & 98,858 \\ & 96,508 \end{aligned}$ | $\begin{aligned} & 49,423,48 \\ & 56,989 \\ & 56,968 \\ & 60,964 \\ & 64,39 \\ & 63,677 \end{aligned}$ | $\begin{aligned} & 19,574 \\ & 21,335 \\ & 24,239 \\ & 27,611 \\ & 26,947 \\ & 25,09 \end{aligned}$ | 49,14353,27458,04764,52767,94965,061 | $\begin{aligned} & 17,680 \\ & 18,939 \\ & 21,097 \\ & 23,146 \\ & 22,548 \\ & 22,737 \end{aligned}$ | $\begin{aligned} & 13,954 \\ & 14,932 \\ & 15,873 \\ & 16,939 \\ & 17,222 \\ & 16,964 \end{aligned}$ | $\begin{aligned} & 13,372 \\ & 13,188 \\ & 13,697 \\ & 14,581 \\ & 13,186 \\ & 11,210 \end{aligned}$ | $\begin{array}{r} 10,829 \\ 10,625 \\ 10,887 \\ 11,457 \\ 10,253 \\ 8,654 \end{array}$ | $\begin{gathered} 11,056 \\ 10,842 \\ 11,374 \\ 12,293 \\ 11,640 \\ 9,900 \end{gathered}$ | $\begin{aligned} & 1,765 \\ & 1,792 \\ & 1,784 \\ & 1,792 \\ & 1,225 \\ & 931 \end{aligned}$ |
| 1927 monthly average. |  |  |  |  |  |  |  |  |  |  |
| 1928 monthly average. |  |  |  |  |  |  |  |  |  |  |
| 1929 monthly average. |  |  |  |  |  |  |  |  |  |  |
| 1930 monthly average. |  |  |  |  |  |  |  |  |  |  |
| 1931 monthly average. |  |  |  |  |  |  |  |  |  |  |
| 1932 |  |  |  |  |  |  |  |  |  |  |
| January- | $\begin{aligned} & 92,520 \\ & 99,73 \\ & 92,73 \\ & 90,166 \\ & 88,946 \\ & 80,918 \end{aligned}$ | $\begin{aligned} & 63,101 \\ & 61,617 \\ & 62,554 \\ & 61,718 \\ & 60,863 \\ & 59,633 \end{aligned}$ | $\begin{aligned} & 21,544 \\ & 20,400 \\ & 22,055 \\ & 20,962 \\ & 20,758 \\ & 20,212 \end{aligned}$ | 68, 036 <br> 65, 837 <br> 65, 656 <br> 64, 220 <br> 63, 968 <br> 62, 402 | $\begin{aligned} & 16,496 \\ & 15,901 \\ & 18,935 \\ & 17,030 \\ & 16,878 \\ & 16,443 \end{aligned}$ | $\begin{aligned} & 16,893 \\ & 16,796 \\ & 16,689 \\ & 16,583 \\ & 16,408 \\ & 16,138 \end{aligned}$ | $\begin{aligned} & 9,181 \\ & 8,894 \\ & 9,955 \\ & 8,947 \\ & 8,914 \\ & 9,116 \end{aligned}$ | $\begin{aligned} & 7,058 \\ & 6,771 \\ & 7,573 \\ & 6,861 \\ & 6,867 \\ & 6,997 \end{aligned}$ | $\begin{aligned} & 8,469 \\ & 8,040 \\ & 8,605 \\ & 8,114 \\ & 8,126 \\ & 8,002 \end{aligned}$ | $\begin{aligned} & 326 \\ & 489 \\ & 981 \\ & 443 \\ & 399 \end{aligned}$ |
| March |  |  |  |  |  |  |  |  |  |  |
| April. |  |  |  |  |  |  |  |  |  |  |
| May. |  |  |  |  |  |  |  |  |  |  |
| June. |  |  |  |  |  |  |  |  |  | 725 |
| July -- | $\begin{aligned} & 8,311 \\ & 82,805 \\ & 82,640 \\ & 83,077 \\ & 880,651 \\ & 81,741 \end{aligned}$ | 56,86256,86856,36657,25656,50956,629 | $\begin{aligned} & 18,576 \\ & 19,866 \\ & 19,46 \\ & 19,102 \\ & 17,577 \\ & 18,505 \end{aligned}$ | $\begin{aligned} & 61,254 \\ & 60,925 \\ & 59,910 \\ & 59,318 \\ & 59,256 \\ & \hline \end{aligned}$ | $\begin{aligned} & 13,284 \\ & 14,346 \\ & 16,903 \\ & 16,254 \\ & 14,341 \\ & 15,168 \end{aligned}$ | $\begin{aligned} & 15,875 \\ & 15,866 \\ & 15,518 \\ & 15,399 \\ & 15,282 \end{aligned}$ | 7,7888,6388,7288,2297,7068,352 | $\begin{aligned} & 5,844 \\ & 6,545 \\ & 6,534 \\ & 6,205 \\ & 5,697 \\ & 6,334 \end{aligned}$ | $\mathbf{7 , 9 1 8}$$\mathbf{7 , 6 4 6}$7,521$\mathbf{7 , 4 9 4}$7,425$\mathbf{7 , 0 1 0}$ | $\begin{array}{r} 516 \\ 602 \\ 818 \\ 349 \\ 4104 \\ 888 \end{array}$ |
| August ${ }^{\text {Soptember }}$ |  |  |  |  |  |  |  |  |  |  |
| October. |  |  |  |  |  |  |  |  |  |  |
| November. |  |  |  |  |  |  |  |  |  |  |
| December. |  |  |  | 60, 170 |  | 15, 162 |  |  |  |  |
| Monthly average | 86, 132 | 69,098 | 19,917 | 62, 504 | 15,883 | -...--- | 8,704 | 6,807 | 7,864 | 447 |
| 1933 | $\begin{aligned} & 79,729 \\ & 76,062 \\ & 78,288 \\ & 78,056 \\ & 80,999 \\ & 80,704 \end{aligned}$ | $\begin{aligned} & 56,013 \\ & 53,964 \\ & 54,617 \\ & 54,118 \\ & 54,709 \\ & 54,104 \end{aligned}$ |  | $\begin{aligned} & 58,218 \\ & 55,563 \end{aligned}$ | $\begin{aligned} & 14,024 \\ & 13,100 \end{aligned}$ | $\begin{aligned} & 15,025 \\ & 14,904 \end{aligned}$ | 7317 |  | 7,117 | -194 |
| February |  |  | 15,512 |  |  |  | 6,976 | 5, 529 |  | ${ }^{4} 21$ |
| March.. |  |  | 18, 155 | 57,389 | 14, 254 | 14,776 | 8,827 | 6, 841 | 7,055 | 1,375 |
| April. |  |  | 17,443 | 55, 655 | 14, 897 | 14,680 | 7,992 | 6, 133 | 8,655 | 938 |
| May... |  |  | 19, 503 | 57, 300 | 15, 996 | 14, 590 | 9, 169 | 6,952 | 6,945 | 1,817 |
| June |  |  | 19,832 | 56, 193 | 16,201 | 14,483 | 9,557 | 7,289 | 7,790 | 1,309 |
| July-- | 79,421 | $\begin{aligned} & 52,341 \\ & 52,294 \end{aligned}$ | $\begin{gathered} 20,167 \\ 20,295 \end{gathered}$ | $\begin{aligned} & 55,473 \\ & 55 \end{aligned}$ | 15, 854 | 14,399 | 9,209 | 6,910 | 7,653 | 1,2401,041 |
| August | 79,356 |  |  |  | 16,383 <br> 15,829 | 14,368 <br> 14,427 | 9,1718,838 | 7,065 | 7,715 |  |
| September | 78, 615 | $\begin{aligned} & 52,668 \\ & 54,250 \end{aligned}$ | 19,206 | 55, 271 |  |  |  | 6,746 | 7,598 | 844 625 |
| October- | 80,395 79,242 |  | 19, 18.41 | 56, | 16,571 | 14,4414,44814,449 | 8 8, 249 | 6, 147 | 7,557 | 284561 |
| December | 80,662 | 53,830 54,229 | 19,818 | 58, 777 | 15, 810 |  | 9,076 | 6,970 |  |  |
| Monthly average | 79,331 | 53,828 <br>  <br> 53,491 | 18,71619,310 | 56, 543 | 15, 320 | -..------- | 8,6878,760 | 8, 683 | 7,3607850 | 818 |
| 1934 |  |  |  |  |  |  |  |  |  |  |
| January | 79,64076,614 | $\begin{aligned} & 53,491 \\ & 51,701 \\ & \hline \end{aligned}$ | 19, 310 | 55, 596 | 16,17515,229 | $\begin{aligned} & 13,839 \\ & 12,877 \end{aligned}$ | 8,760 8,276 | 6,272 | 7,750 7,360 | 605 |
| February |  |  |  |  |  | 13, ${ }^{13} 8$ | 9,557 |  | 7,925 | 613 1,222 |
| April. | 80,696 <br> 79,840 <br> 8.8 | 53,33153,890 | 19, 47320,44319,968 | 55, 204 | 16,073 | 13,99614,03114,016 | $\stackrel{8,510}{9,523}$ | 6,887 | 7,768 | 734 |
| May | 81, 404 |  |  | 557, 340 | 16,851 15 1674 |  |  | 7,397 | 8,168 | 943 |
| June... | ${ }^{8} 64,627$ | - 37,060 |  | - 40, 103 | 16, 809 |  | 9,477 | 7,372 | 8,154 | 910 |
| July | 78, 576 | 51,579 | 18,808 | 57,525 | 13, 263 | 13,981 | 8,750 | 6,718 | 7,961 | 381 |
| August | 79, 290 | 51, 558 | 20, 644 | 57,347 | 14, 350 | 13, 990 | 9,324 | 7,226 | 8, 024 | 895 |
| Oeptober | 78, 076 | 51,836 | 19, 211 | 55, 720 | 14,660 | 14,058 | 8.686 | 6,657 | 7,864 | 620 |
| October. | 81,638 <br> 79 <br> 88 | 54, 374 | 20,268 18,989 | 58,052 57 | 16,209 15,119 | $\begin{array}{r}14,093 \\ 14 \\ \hline 12\end{array}$ | 9,130 8,443 | 6,984 6,477 | 7,639 | 405 |
| Decernber | 80, 411 | 53, 212 | 19,927 | 58,713 | 14,980 | 14, 132 | 9, 411 | 7,362 | 8,095 | 1,091 |
| Monthly average. | 78, 366 | 51, 884 | 19,683 | 55, 235 | 15,441 |  | 9,021 | 8, 852 | 7,888 | 782 |
| 1935 |  |  |  |  |  |  |  |  |  |  |
| Fanuary-- | 81, 475 | 54, 636 | 19,793 | 57, 823 | 16,377 <br> 14 <br> 14 | 14,162 <br> 14 <br> 14 <br> 1 | 8,754 8,212 | 6,768 6,340 | 7, 808 | ${ }_{454}^{557}$ |
| March. | 81, 207 | 54,086 | 20,061 | 57, 292 | 15,793 | 14, 250 | ${ }_{8}^{8,153}$ | 7,052 | 7,810 | 952 |
| April. | 82, 127 | 54, 483 | 20, 566 | 57, 499 | 16, 214 | 14,303 | 9,377 | 7,366 | 7,790 | 1,195 |
| May | 83, 406 | 54,998 | 21, 250 | 59, 059 | 16, 052 | 14, 355 | 9, 809 | 7,634 | 7,964 | 1,450 |
| June | 81,757 | 54, 006 | 20,569 | 57,443 | 16, 025 | 14, 335 | 9,372 | 7,268 | 7,824 | 1,156 |
| July.-. | 82,063 | 53, 187 | 21,524 | 59,683 | 14,401 | 14,323 | 9, 224 | 7,161 | 7,942 | 894 |
| August. | 82,360 | 52, 909 | 22, 189 | 68, 255 | 16,036 | 14,350 | 9,568 | 7,440 | 7,959 | 1,219 |
| September | 82, 653 | 53, 923 | 21, 402 | 57, 394 | 16, 966 | 14, 446 | 9,375 | 7, 198 | 7,682 | 1,306 |
| October-..- | 86,328 85,330 88 | 56, 245 | 22, 213 | 59,321 59,741 | 18,529 17 | 14,512 $\mathbf{1 4 , 5 6 8}$ | 9,830 9,096 | 7,545 | 7,989 7,708 | 1,452 1,002 |
| December | 86, 111 | 56, 055 | 22, 314 | 60,685 | 17, 367 | 14, 621 | 10,245 | 7,951 | 8,475 | 1,377 |
| Monthly average.. | 82, 721 | 54, 005 | 20,953 | 68, 301 | 16, 197 |  | 8, 385 | 7,217 | 7, 860 | 1,085 |

For footnotes see p. 167.

CHEMICALS AND ALLIED PRODUCTS-ALCOHOL, EXPLOSIVES, AND SULPHUR

| Year and Monti | $\begin{aligned} & \text { ALCOBOL, DENA- } \\ & \text { TURED: } \end{aligned}$ |  |  | ALCOHOL, ETHYL ${ }^{\text {3 }}$ |  |  |  | METHANOL |  |  |  | $\begin{aligned} & \text { RXPLO- } \\ & \text { SIVES: } \end{aligned}$ | SULPHUR(QUARTHRLYPRODUCTION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\left.\begin{array}{\|c\|} \text { Con- } \\ \text { sump- } \\ \text { tlon } \\ \text { (dis- } \\ \text { posed of) } \end{array} \right\rvert\,$ | Pro-duction | Stocks, end of month | $\begin{aligned} & \text { Pro- } \\ & \text { duce } \\ & \text { tion } \end{aligned}$ | Stocks, warehoused,end of month | Alcohol withdrawn |  | Exports, fined | Price, refined, wholesale, N. Y. ${ }^{6}$ | Production |  |  | Texas | L,oulsiana |
|  |  |  |  |  |  | For denaturing | Taxpaid |  |  | $\left.\begin{gathered} \text { Crude } \\ \text { (wood } \\ \text { distilled) } \end{gathered} \right\rvert\,$ | Synthetic. | Shipments |  |  |
|  | Thous of wine gallons |  |  | Thous. of proot gallons |  |  |  | Gallons | Dol. per gal. | Gallons |  | $\begin{gathered} \text { Thous. of } \\ \text { ib. } \end{gathered}$ | Long tons |  |
| 1913 monthly av. |  |  |  |  |  |  |  | 162,594 | 0.48 |  |  |  |  |  |
| 1914 monthly avar... |  |  |  |  |  |  |  | 96, 810 | .45 | --..--- |  |  |  |  |
| 1915 monthly av.... |  |  |  |  |  |  |  | 102. 501 | . 46 |  |  |  |  |  |
| 1917 monthly av.... |  |  |  |  |  |  |  | 93, 516 | 1.05 |  |  |  |  |  |
| 1918 monthly av...- |  |  |  |  |  |  |  | 218, 693 | 1.02 |  |  |  |  |  |
| 1919 monthly av. |  |  |  |  |  |  |  | 59,869 | 1.27 |  |  |  |  |  |
| 1920 monthly av...- |  |  |  | 79,485 | 74,468 | '4,398 |  | 68,589 | 2.56 |  |  | 42, 654 | --...-...- |  |
| 1921 monthly 8v-.-- |  |  |  | ${ }^{6} 8119$ | 7,040 | 3, 876 |  | $\begin{array}{r}34,343 \\ 105 \\ \hline\end{array}$ | . 60 |  |  | 20, 785 |  |  |
| 1922 monthly av.... |  |  |  | 8,137 11,234 | 5,074 4,754 | 6,876 9,527 |  | 105,860 100,585 | 1. 1.64 |  |  | 31,039 37 | 8251, 939 |  |
| 1924 monthly av...- |  |  |  | 12, 201 | 3,980 | 10, 985 |  | 163,386 | 1.76 |  |  | 38,430 | ${ }^{\circ} 221,294$ |  |
| 1925 monthly av.. |  |  |  | 16, 190 | 6,463 | 14,801 | 706 | 34, 015 | . 61 |  |  | 40,096 | 8 351, 330 |  |
| 1926 monthly av.... |  |  |  | 16, 221 | 7,962 | 14, 995 | 859 | 34,772 | . 63 |  |  | 42, 823 | 0 472, 851 |  |
| 1927 monthly av...- | 7,716 | 7,722 | 2,000 1 | 14, 469 | 8, 963 | 13, 591 | 885 | 25, 939 | . 67 |  |  | 39, 777 | -9527, 733 |  |
| 1928 monthly avi... 1920 monthly av.... | 8,288 9,500 7 | 8,300 0,543 | 1,458 2,000 | 15,332 17.222 | - 9 9,581 | 14,048 | 801 731 | 43, 41515 4150 | . 49 |  |  | 37,932 40,383 |  |  |
| 1930 monthly av....- | 7,405 | 7,625 | 2, 658 | 13, 931 | 8,549 | 13, 31 | 632 | 79, 328 | . 41 | 401, 553 | 632, 436 | 36,410 | ¢ 639,550 |  |
| 1931 monthly av...- | 6, 994 | 6,803 | 3,187 | 12, 622 | 13,294 | 11,672 | 605 | 48,577 | . 36 | 275, 101 | 583, 944 | 27, 120 | 10532,399 |  |
| 1.932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January-...-.---...- | 5,033 | 5,226 | 1,823 | 13,224 | 9, 153 | 8, 574 | 539 | 36,653 | . 35 | 209,475 | 585, 880 | 19,798 |  |  |
| February-..---- | 3,800 | 3,966 | 1,987 | 10, 340 | 12,574 | 6,265 | 454 | 39,434 | . 37 | 224, 508 | 546,086 | 18,250 | 250,910 |  |
| Maril.-- | 5,025 3,960 | 4,585 4,089 | 1,517 1,640 | 9,528 10, 137 | 14,026 16,216 | 7,335 6,700 | 489 489 | 97, 27, 976 | . 37 | 287, <br> 290 <br> 859 | 514, 119 501,759 | 18,702 19,016 | 250,910 |  |
| May | 4,296 | 4,868 | 2, 109 | 11,578 | 18,490 | 8,244 | 436 | 44,378 | . 37 | 243,089 | 742, 826 | 16,954 |  |  |
| June..- | 3, 041 | 5,382 | 4, 633 | 10.677 | 19,068 | 8,932 | 443 | 55, 129 | .37 | 135, 837 | 712, 537 | 15,648 | 241, 958 |  |
| July | 5,253 | 6,203 | 5,461 | 11,908 | 20, 071 | 9, 024 | 385 | 47,733 | . 37 | 111,113 | 793, 639 | 15,733 |  |  |
| August | 8,458 | 8,172 | 5,016 | 12,365 | 18,079 | 13,780 | 410 | 60, 123 | . 37 | 98, 872 | 792, 641 | 19, 214 |  |  |
| October..-- | 6, ${ }^{\text {, } 220}$ | 6, <br> 7 <br> 7 | 4,639 4,841 | 13,355 13,140 | 18,780 19,154 | 11, 11,005 | 387 432 | 134,564 <br> 79,714 <br> 1 | . 37 | -98, 108 | 697,800 571,372 | 23, 23, | 194, 471 |  |
| November | 6, 241 | 4,917 | 3,468 | 7,391 | 18,020 | 8,011 | 375 | 83, 731 | . 37 | 290, 557 | 531, 635 | 20,336 |  |  |
| December | 4,767 | 4,616 | 2,750 | 5,278 | 16, 140 | 6,722 | 391 | 62, 156 | .37 | 303, 026 | 643, 598 | 18,985 | 188, 007 | 13,401 |
| Monthly average | 5,998 | 5,480 | 3,323 | 10,795 | 16, 648 | 9,025 | 432 | 64, 128 | . 37 | 208, 774 | 638, 185 | 18,959 | ' 218, 987 |  |
| 1933 |  |  |  |  |  |  | 581 |  |  |  |  |  |  |  |
| February | -4,461 | 3,614 3,909 | 1,839 1,988 | 9,084 | 14,782 | 5, 969 $\mathbf{6 , 6 9 1}$ | 443 | -112, 122 | . 37 | 312,481 267,476 | 352,748 324,527 | 17,971 |  |  |
| March | 3,793 | 4,147 | 2,230 | 8, 229 | 16,639 | 7.013 | 389 | 233, 754 | .37 | 271, 844 | 178, 232 | 16, 179 | 116,478 | 41,891 |
| April. | 3.510 | 3,682 | 2,256 | 9,012 | 19, 186 | 6,071 | 355 | 147, 338 | . 37 | 181, 192 | 425,333 | 16,197 |  |  |
| May | 4,735 | 4,915 | 2,349 | 9, 149 | 19,094 | 8,264 | 412 | 59, 621 | . 37 | 195, 392 | 366, 015 | 16, 497 |  |  |
| June. | 4,500 | 4,890 | 2,570 | 10,683 | 20,382 | 8,688 | 460 | 33,100 | . 37 | 182, 498 | 559,002 | 20,327 | 233, 233 | 86,898 |
| July. | 5,170 | 5,099 | 2,483 | 11,684 | 22, 230 | 8,654 | 461 | 93, 833 | . 37 | 219, 899 | 561, 918 | 23, 834 |  |  |
| August--7- | 5, 505 7,923 | 5,574 7,452 | 2,544 2,063 | 12,482 13 | 24,595 25,423 | 9, 12,486 1278 | 517 471 | 42, 458 36,523 | $\begin{array}{r}.37 \\ .37 \\ \hline\end{array}$ | 265,596 243,183 | 860,314 $1,460,589$ | 25,086 25,107 | 322, 011 | 100, 682 |
| October | 13, 502 | 12,771 | 1,316 | 16,509 | 18,948 | 21,775 | 517 | 55, 553 | . 37 | 312,085 | 1,643,040 | 25, 084 |  |  |
| November- | 10,781 | 12,072 | 2, 602 | 15,979 | 13,025 | 20,631 | 1,008 | 96, 293 | . 37 | 327, 337 | 1,099, 249 | 23, 250 |  |  |
| Docember- | 7,172 | 5,691 | 1.114 | 13,396 | 15,606 | 8,776 | 3,747 | 145, 657 | . 37 | 300,303 | 962,185 | 23, 318 | 313,283 | 74,316 |
| Monthly average....- | 6, 227 | 6,151 | 2,113 | 11, 349 | 18,819 | 10, 375 | 780 | 98, 239 | . 37 | 258, 607 | 732, 763 | 20,780 | 248, 251 | -75, 947 |
| $\begin{array}{r} 1934 \\ \text { January } \end{array}$ |  | 5,264 | 1,245 | 13,756 | 17,184 | 8,325 | 2,955 | 106, 358 | . 38 | 361,822 | 979, 686 | 28, 504 |  |  |
| February | 5,398 | $\begin{array}{r}5,456 \\ 5 \\ \hline\end{array}$ | 1,298 | 13.810 | ${ }^{20,642}$ | ${ }^{9,032}$ | 1,551 | 101, 484 | . 38 | 3385 863 | 690,961 | 25,584 |  |  |
| April. | 6, ${ }_{5}^{6,103}$ | 5,870 $\mathbf{5 , 2 5 9}$ | 1,059 1,076 | 12,313 12,731 | 21, 590 | 9,668 88666 | 1,555 | $\begin{array}{r}135,279 \\ 57 \\ \hline 259\end{array}$ | . 38 | 365,322 $\mathbf{3 4 3} \mathbf{8 0 7}$ | 916, 872 | 27, 725 | 291, 366 | 94,742 |
| May | 5, 680 | 6, 193 | 1, 580 | 13, 478 | 25, 893 | 10,148 | 1,172 | 38, 556 | . 38 | 343,807 $\mathbf{3 7 1 , 3 9 2}$ | 754,980 8897 | 24, 231 |  |  |
| June-- | 6, 589 | 5, 540 | 1, 527 | 12,998 | 27,971 | 9, 248 | 1,176 | 52,612 | . 38 | 346, 702 | 922, 551 | 24, 812 | 289,089 | 60, 262 |
| July -- | 6, 448 | 6,732 | 1,801 | 13,702 | 28,967 | 11,392 | 1,052 | 28,348 | . 38 | 305,152 | 939, 439 | 23,384 |  |  |
| August---1 | 6,760 | 6,943 | 1,978 | 13, 823 | 29,788 | 11, 667 | 1,121 | 77, 732 | . 38 | 298, 050 | 951, 834 | 26, 063 |  |  |
| September- | 10,048 | 9, 841 19,194 | 1,763 1,380 | 15,636 21,332 | 27,094 14,449 | 16,462 <br> 32,793 <br> 1 | $\begin{array}{r}1,075 \\ 1,286 \\ \hline\end{array}$ | 44,937 | $\begin{array}{r}.38 \\ .38 \\ \hline\end{array}$ | 309,392 340 | $1,079,910$ $1,309,086$ | 25, 889 | 314, 199 | 33, 576 |
| November | 10, 541 | 10, 310 | 1,149 | 19,550 | 15,588 | 17,318 | 1,573 | 48,995 | .38 | 366, 200 | 1,789,970 | 25, 108 |  |  |
| December | 8,853 | 8,791 | 1,083 | 17,065 | 15, 218 | 14,891 | 2,098 | 38, 211 | - 38 | 374,780 | 1,301, 841 | 22, 635 | 293, 025 | 41, 270 |
| Monthly average....- | 7,846 | 7, 850 | 1,410 | 15, 016 | 22,395 | 13, 301 | 1,468 | 64,305 | . 38 | 343, 471 | 1,044, 585 | 25, 615 | 9296, 820 | - 67, 469 |
| 1935 |  | $\cdots$ |  |  |  |  |  |  |  |  |  |  |  |  |
| January---...-...... | 5,897 | 6,047 | 1,236 | 12, 290 | 15, 630 | 9,790 | 1,453 | 23, 222 | . 38 | 386, 477 | 1,303, 171 | 20, 147 |  |  |
| February | 4,482 7,600 | 4, 7 7 | 1,363 1,317 | $\begin{array}{r}\text { 9, } \\ \text { 1 } \\ 187 \\ \hline 184\end{array}$ | 16, 957 | 7,426 12.745 | 1,017 | 44, 525 | . 38 | 363, 781 | 1,126, 799 | 26, 019 |  |  |
| April....-........-...-- | 6, 215 | 5,544 | 1, 1,694 | 14, 235 | 18, 2302 | 12,745 9.207 | 1, ${ }^{1,588}$ | 73,365 30,471 | . 38 | 411,326 450,941 | $1,303,230$ $1,167,282$ | 18, 2344 | 255, 306 | 44, 884 |
| M8y. | 5,781 | 6, 864 | 1, 750 | 15, 791 | 22, 213 | 99.921 | 1, 596 | 32,600 | . 38 | 452, 322 | 1, 203, 143 | 22,659 |  |  |
| June.. | 5,597 | 5, 651 | 1,793 | 14, 811 | 24,488 | 9,398 | 1, 642 | 66, 077 | . 38 | 385, 472 | 1,198, 186 | 22,192 | 271,452 | 71,172 |
| July...-..............- | 7,213 | 8,192 8,580 | 2,750 $\mathbf{2}, 959$ | 16,704 16,646 | 28, 055 | 14,046 14,632 | 1,771 1,678 | 55,125 36,422 | .38 .38 | 379,309 403,020 | 1.278 .505 $1,389,812$ | 22,189 |  |  |
| September | 10.004 | 16, 211 | 3, 3148 | 19,607 | 25, 2501 | 14,632 17,660 | 1, 1,011 | 36,422 51,490 | . 38 | 403,020 405,034 | 1, $1,589,812$ | 23,957 27,940 | 352, 690 | 130, 821 |
| October-- | 17.947 | 17, 160 | 2, 351 | 23. 988 | 16, 954 | 29, 193 | 2,445 | 102. 296 | . 38 | 454. 233 | 2,508'978 | 29, 488 |  |  |
| Novernher | 10.816 | 10.297 | 1,836 | 18.729 | 16,888 | 17,509 | 2,223 | 39,230 | . 38 | 478.474 | 2,373,475 | 26, 876 |  |  |
| December. | 7.950 | 7,736 | 1,032 | 17.100 | 18,461 | 12,921 | 1,803 | 63,733 | . 38 | 478,331 | 1.654,794 | 25,509 | 374,276 | 128,406 |
| Monthly average....- | 8,088 | 8, 118 | 1,888 | 16,117 | 20,176 | 13,704 | 1,728 | 61,546 | . 38 | 420, 727 | 1, 509, 011 | 24,811 | $\bullet 313,454$ | - 88,321 |

For footnotes see p. 167.

## CHEMIGALS AND ALLIED PRODUCTS-SULPHURIC ACID AND FERTILIZERS



For foot notes see pp. $167,168$.

# CHEMICALS AND ALLIED PRODUCTS-FERTILIZERS AND NAVAL STORES 



For footnotes see p. 168.

## GHEMIGALS AND ALLIED PRODUCTS—OILS, FATS, AND BYPRODUCTS

| Year and Month | ANIMAL FATS AND BYPRODUCTS AND FISH OILS (QUARTERLY) |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Animal fats ${ }^{\text {a }}$ |  |  | Edible gelatin ${ }^{2}$ |  | Greases ${ }^{\text {1 }}$ |  |  | Lard compounds and substitutes 1 |  | Fish oils ${ }^{\text {l }}$ |  |  |
|  | $\begin{aligned} & \text { Factory } \\ & \text { comp- } \\ & \text { sump- } \\ & \text { tlon } \end{aligned}$ | $\xrightarrow{\text { Pro- }}$ | Stocks, end of quarter | $\underset{\text { Puction }}{\text { Pro- }}$ | Stacks, end of quarter | $\begin{aligned} & \text { Factory } \\ & \text { comp- } \\ & \text { tion } \end{aligned}$ | $\begin{gathered} \text { Pro- } \\ \text { duction } \end{gathered}$ | Stocks, end of quarter | $\underset{\text { Pro- }}{\text { duction }}$ | Stocks, end of quarter | $\begin{aligned} & \text { Factory } \\ & \text { con- } \\ & \text { sump- } \\ & \text { tion } \end{aligned}$ | Pro- | Stocks, end of quarter |
|  | Thousands of pounds |  |  |  |  |  |  |  |  |  |  |  |  |
| 1919 quarterly average |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1920 quarterly average- | 144,3081149,276141,324 | $\begin{aligned} & 367,518 \\ & 410,676 \\ & 473,265 \end{aligned}$ | $\begin{aligned} & 138,071 \\ & 18,283 \\ & 222,630 \end{aligned}$ | -----.-.-.--- |  | $\begin{aligned} & 51,565 \\ & 50,273 \\ & 44,325 \end{aligned}$ | 69,648 <br> 86,384 <br> 8 | $\begin{aligned} & 67,374 \\ & 69,741 \\ & 95,592 \end{aligned}$ | --....-.--- | ......... | $\begin{array}{r} 9,791 \\ 12,046 \\ 19,990 \end{array}$ | $\begin{array}{r} 8,230 \\ 16,507 \\ 13,916 \end{array}$ | 44, 609 <br> 45, 220 <br> 64, 009 |
| 1921 quarterly average. |  |  |  |  |  |  | -94, 830 |  |  |  |  |  |  |
| 1922 quarterly a verage. | 141,324 130,043 | 511, 451 | 175, 481 <br> 144,576 <br> 182, | $\cdots$ |  | 61, 548 |  | $\begin{aligned} & 95,592 \\ & 53,082 \end{aligned}$ | $-196,045$187,630 | 15,671- | 19,090 27,513 | 13,916 | $\begin{aligned} & 54,009 \\ & 47,428 \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1925 quarterly average | $\begin{aligned} & 141,084 \\ & 148,649 \\ & 164,248 \\ & 149,777 \\ & 148,752 \\ & 149,556 \\ & 168,396 \end{aligned}$ | $\begin{aligned} & 497,864 \\ & 529,623 \\ & 529,606 \\ & 573,051 \\ & 582,051 \\ & 524,499 \\ & 561,435 \end{aligned}$ |  |  | $\begin{aligned} & 142,382 \\ & 176,817 \\ & 183,875 \\ & 203,417 \\ & 219,441 \\ & 204,785 \\ & 238,804 \end{aligned}$ | $\begin{aligned} & 3,134 \\ & 3,868 \\ & 4,387 \\ & 4,267 \\ & 4,562 \\ & 4,482 \\ & 3,791 \end{aligned}$ | $\begin{aligned} & 9,084 \\ & 8,849 \\ & 8,421 \\ & 8,484 \\ & 7,700 \\ & 7,953 \\ & 8,056 \end{aligned}$ | 59,96058,40953,49763,28956,99355,30952,689 |  | $\begin{aligned} & 89,848 \\ & 88,987 \\ & 94,976 \\ & 95,770 \\ & 99,870 \\ & 92,492 \\ & 93,845 \end{aligned}$ | $\begin{aligned} & 41,927 \\ & 46,621 \\ & 50,880 \\ & 45,701 \\ & 53,780 \\ & 70,940 \\ & 83,537 \end{aligned}$ | $\begin{aligned} & 288,155 \\ & 285,177 \\ & 294,749 \\ & 285,837 \\ & 305,837 \\ & 302,817 \\ & 202,807 \\ & 292,800 \end{aligned}$ | $\begin{aligned} & 18,674 \\ & 18,312 \\ & 25,879 \\ & 26,780 \\ & 29,808 \\ & 23,701 \\ & 24,420 \end{aligned}$ | 38,58136,14142,21251,48247,20641,84948,335 | $\begin{aligned} & 25,291 \\ & 20,662 \\ & 20,660 \\ & 22,954 \\ & 28,950 \\ & 27,772 \\ & 16,192 \end{aligned}$ | $\begin{array}{r} 56,224 \\ 67,894 \\ 78,795 \\ 95,767 \\ 95,763 \\ 175,833 \\ 239,564 \end{array}$ |
| 1926 quarterly average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1927 quarterly average. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1928 quarterly average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1929 quarterly average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1931 quarterly average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February. |  |  |  |  |  |  | ---77,298- | 82,868 |  |  |  |  |  |  |  |  |
| March.. | 161, 823 | 627, 946 | 276, 483 | 5,406 | 10,089 | 53, 533 |  |  | 220,749 | 26, 479 | 34,795 | 7,533 | 202, 750 |  |  |  |
| April.- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 176, 528 | 652, 111 | 303, 379 |  |  | 3,924 | 10, 457 | 50,657 | 80,930 | 78,749- | 221; 009 | 23, 527 | --35, 100 | - $0 \cdot 0006$ | 183, 880 |
| July. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| October... | 160,420 | 476, ${ }^{-160}$ | 240, 521 | ---1,300- | 8,508 | --70,058 | --73,981 | -78, 670 | -276, 856 | 24,477 | 38,948-7-1 | 42,787 | 193,909 |  |  |  |
| November <br> December $\qquad$ | $\begin{aligned} & 149,829 \\ & 164,402 \end{aligned}$ | $\begin{aligned} & 570,248 \\ & 556,592 \end{aligned}$ | $\begin{aligned} & 235,490 \\ & 269,988 \end{aligned}$ | $\begin{aligned} & 3,511 \\ & 3,585 \end{aligned}$ | $\begin{aligned} & 9,107 \\ & 9,540 \end{aligned}$ | 48, 612 | $\begin{aligned} & 80,058 \\ & 80,587 \end{aligned}$ | $\begin{aligned} & 72,009 \\ & 75,574 \end{aligned}$ | 226, 827 <br> 236, 380 | $\begin{aligned} & 26,2 \overline{5} \\ & 25,187 \end{aligned}$ | $\begin{aligned} & 36,81 \overline{6}^{-1} \\ & 36,415 \end{aligned}$ | $\begin{array}{r} 32,882 \\ 23,052 \end{array}$ | $\begin{array}{r} \cdots \\ 197,289 \\ 194,482 \end{array}$ |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Quarterly average |  |  |  |  |  | 50,715 |  |  |  |  |  |  |  |  |  |  |
| January $\quad 1933$February |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| March. | 139, 195 | 600,210 | 283,463 | 4,937 | 10,751 | 44, 686 | 78, 363 | 71,728 | 209, | 25, 272 | --7, 793 | 21, 044 | 181,040 |  |  |  |
| April. |  |  |  |  |  |  |  | --.......- |  |  |  |  |  |  |  |  |
| June- | --73, $53{ }^{-1}$ | -641, 446 | - $375,-619$ | - 3, 180 | 9, 822 | - 50,581 | - 8 8, 357 | -75, 434 | 249,010 | 21, 793 | 41,801 | 8,473 | 150, 623 |  |  |  |
| July |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Soptembe | 176, $588{ }^{-7}$ | -579,049 | -373, 655 | ---1, $32{ }^{-1}$ | 8,009 | 50, 620 | -87,076 | 70,484 | -253,025 | 23, 648 | 44, 520 | 50,534 | 151, 612 |  |  |  |
| October-.. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| November <br> December | $\begin{aligned} & 150,625 \\ & 159,986 \end{aligned}$ | $\begin{aligned} & 584, \overline{315} \\ & 601,255 \end{aligned}$ | $\begin{aligned} & 362,138 \\ & 348,719 \end{aligned}$ | 3,6023,201 | $\begin{aligned} & 8,594 \\ & 9,294 \end{aligned}$ | $\begin{aligned} & 50,733 \\ & 51,405 \end{aligned}$ | $\begin{aligned} & 85,463 \\ & 84,815 \end{aligned}$ | $\begin{aligned} & 96,957 \\ & 80,901 \end{aligned}$ | $\begin{aligned} & 241,390 \\ & 238,145 \end{aligned}$ | $\begin{aligned} & 27,301 \\ & 24,504 \end{aligned}$ | $\begin{aligned} & 36,238 \\ & 38,088 \end{aligned}$ | $\begin{aligned} & 52,785 \\ & 33,959 \end{aligned}$ | $\begin{aligned} & -158,892 \\ & 160,342 \end{aligned}$ |  |  |  |
| Quarterly average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| March. | 177, 945 591, 929 - 416,370 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mpril. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| June | 190, 694 | 545, 304 | 444, 845 | 3, 585 | 8,908 | 64,740 | 90, 125 | 74, 617 | 227, 558 | 25,133 | $43,14{ }^{-1}$ | 8,240 | $181717{ }^{178}$ |  |  |  |
| July- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Soptember | 228, 8 894 | 465, 267 | 382, 725 | 1,570 | 6, 556 | - 61,044 | 82,066 | 69,540 | 371, 246 | 24,962 | 33, 565 | 75,784 | 189,144 |  |  |  |
| October... |  |  | 32, |  |  |  |  |  |  |  | 33, | 7,182 | 18,142 |  |  |  |
| November December | 217, 565 | 498, 950 | 418, 909 | 5,279 | 7,817 | 49,311 | 89, 268 | 73,900 | 361, 368 | 27, 690 | 46, 539 | 105, 361 | 242,402 |  |  |  |
| Quarterly average | 203, 774 | 525, 362 | 415, 712 | 3,830 | 8,211 | 60, 018 | 87, 889 | 75, 544 | 301, 083 | 26, 095 | 40,422 | 56, 388 | 187, 757 |  |  |  |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| March. | 234, 949 | 352, 519 | 380, 419 | 5,047 | 8,629 | 50, 732 | 71,738 | 63, 590 | 316, 227 | 32,738- | 60, 563 | 46,208-7 | 221, 547 |  |  |  |
| April |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| May-.- | 212,053 | 306, 659 | 386, 852 | 5, 052 | 8,526 | 51, 146 | 64,916 | 63, 732 | 293, 425 | 29,747 | 59, 130 | 9, 143 | 172, 371 |  |  |  |
| July. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| August.. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| September | 203, 048 | 275, 430 | 361, 160 | 2, 853 | 6,841 | 45, 324 | 64,399 | 66, 856 | 457, 695 | 32,675 | 63,346 | 67, 249 | 187,916 |  |  |  |
| November. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| December | 210, 541 | 310, 916 | 364, 010 | 5,323 | 7,987 | 52, 121 | 68, 942 | 63,645 | 469, 674 | 39,880 | 67,328 | 117,078 | 212,667 |  |  |  |
| Quarterly average | 430, 888 | 313, 681 | 373, 110 | 4, 568 | 7,986 | 49,831 | 67,499 | 64,455 | 384, 230 | 33,738 | 62, 594 | 59, 920 | 198, 625 |  |  |  |

For footnotes see p. 168.

CHEMICALS AND ALLIED PRODUCTS-OILS, FATS, AND BYPRODUGTS-Contd.


For footnotes see.p. 168.

CHEMICALS AND ALLIED PRODUCTS—OILS，FATS，AND BYPRODUCTS—Contd．

| $\begin{gathered} \text { Year } \\ \text { and Monte } \end{gathered}$ | VEGETABLE OILS AND PRODUCTS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Coconut or coprá oil ${ }^{1}$ |  |  |  | Cottonseed ${ }^{\text {4 }}$ |  |  | Cottonseed cake and meal |  |  | Cottonseed oil |  |  |  |  |
|  | Production （quarterly） |  | Stocks，end of quarter |  | $\left\lvert\, \begin{gathered} \text { Con- } \\ \text { sump- } \\ \text { trion } \\ (\text { crush }) \end{gathered}\right.$ | Re－ $\underset{\text { mills }}{\text { at }}$ | Stocks at mills end of month | $\text { Ex- }_{\text {ports }}$ | Pro－ duc－ tion ${ }^{4}$ | $\left.\begin{aligned} & \text { Stocks } \\ & \text { at mills, } \\ & \text { end of } \\ & \text { month } 4 \end{aligned} \right\rvert\,$ | Crude ${ }^{\text {a }}$ |  | Refined |  |  |
|  | Crude | Rem fined | Crude | Re－ fined |  |  |  |  |  |  | Pro－ duc－ tion | Stocks， end of month | Factory con－ sumption ${ }^{4}$ |  | Price， prime， Sum－ mer， yellow， N．Y．${ }^{1}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  | Total （quar－ terly） | In oleo－ marga－ rine ${ }^{10}$ |  |
|  | Thousands of pounds |  |  |  | Short tons |  |  |  |  |  | Thousands of pounds |  |  |  | $\begin{gathered} \text { Dollars } \\ \text { per } \\ \text { pound } \end{gathered}$ |
| 1913 monthly av． |  |  |  |  |  |  |  | 41，878 |  |  |  |  |  |  | 0． 073 |
| 1914 monthly av－ |  |  |  |  |  |  |  | 42， 862 |  |  |  |  |  |  | ． 086 |
| 1915 monthly av－ |  |  |  |  |  |  |  | 60， 785 |  |  |  |  |  |  | ． 088 |
| 1916 monthly av－ |  |  |  |  | 13 463，094 | 18768，756 | 131，007，012 | 51， 380 | ${ }^{15223,620}$ | ${ }^{16} 148,815$ | 13140，040 | 1364，419 |  |  | ． 154 |
| 1917 monthly ar－ |  |  |  |  | 357， 084 | 320，871 | 638,809 534 | 16， 889 | 178， 747 | 180， 400 | 111，987 | 94， 086 |  |  | ． 154 |
| 1918 monthly av－ |  |  |  |  | 354， 433 | 358， 344 | 634， 825 | 486 | 175， 239 | 86，007 | 106， 885 | 96，543 |  |  |  |
| 1910 monthly av． | 14 53， 886 | 14 69， 273 | 14155， 220 | 1434，958 | 392，789 | 352， 277 | 360， 861 | 26， 172 | 182，653 | 109， 522 | 119， 162 | 107， 478 | 14225，152 |  | ． 241 |
| 1920 monthly av． | 14 32， 805 | 14，46， 486 | 1493， 277 | 1428，664 | 307，955 | 304，727 | 269， 179 | 14， 169 | 137，015 | 198， 187 | 95， 223 | 104， 563 | ${ }^{14169,226}$ |  | ． 154 |
| 1921 monthly av－ | 1428,299 | 14 30， 669 | 1473,550 | 1419,051 | 335， 846 | 338， 488 | 364， 661 | 24， 400 | 149， 183 | 143， 478 | 106， 442 | 94， 698 | ${ }^{14223,758}$ | 7 1，456 | ． 079 |
| 1922 monthly av－ | 14 46， 382 | 1433,811 | 14．113， 496 | ${ }^{14} 23,522$ | 253， 578 | 268， 135 | 315， 672 | 18，707 | 114， 795 | 133，357 | 77，886 | 67， 623 | 14183，517 | 1，239 | ． 101 |
| 1923 monthly av－ | ${ }^{14} 588,880$ | 11433,095 | ${ }^{14} 72,72,692$ | 1425，527 | 266， 810 | ${ }_{3}^{263,946}$ | 327， 425 | 14， 349 | 122， 901 | 127， 702 | 81， 148 | 61， 544 | ${ }^{14168,811} 1$ | 1，705 | ． 113 |
| 1924 monthly av－ | 14 47， 839 | ${ }^{14} 43,430$ | ${ }^{4} 48,846$ | 1414，895 | 321， 560 | 363， 132 | 435， 341 | 25， 907 | 147， 394 | 122，743 | 96， 286 | 72， 957 | ${ }^{14194,965}$ | 1，695 | ． 108 |
| 1925 monthly av． | 14 51， 901 | $14.49,280$ | 1451,322 | ${ }^{1413,616}$ | 423， 562 | 439， 520 | 592， 223 | 33， 290 | 197， 303 | 139， 910 | 125，987 | 72，816 | ${ }^{14290,279}$ | 2，029 | ． 118 |
| 1926 monthly av． | 14 65， 178 | ${ }^{14} 57,809$ | ${ }^{4} 69,989$ | 1412，943 | 495， 473 | 486， 842 | 587， 386 | 35，088 | 226， 619 | 226， 264 | 147， 024 | 75， 791 | 14280，618 | 1，954 | ． 118 |
| 1927 monthy av－ | is 70，414 | 14，60， 773 | 1497,587 | ${ }^{1414,897}$ | 491， 853 | 468， 068 | 594， 639 | 36，713 | 220， 671 | 142， 217 | 150， 363 | 108， 154 | 14300,825 | 2， 052 | ． 097 |
| 1928 monthly av－ | 1477,795 | 14 73，977 | ${ }^{4} 883,471$ | 1413，049 | 384， 471 | 411， 314 | 522， 395 | 24，209 | 173， 787 | 102， 374 | 121， 706 | 94， 051 | 14295,477 | 2， 244 | ． 099 |
| 1929 monthly ar． | （1488．164 |  | 14 156， 193 | 近 $\begin{aligned} & 1418,831 \\ & 149159\end{aligned}$ | 417,420 436,168 | 398， 863 | 552,685 510,909 | 19,750 4,305 | 187， 448 | 172， 488 | 132,030 134,675 | 85， 78 | 近14311,234 <br> 14310,496 | 2,514 ${ }_{2} 287$ | ． 081 |
| 1930 modthly av． 1931 monthly av． | （14 $11 \begin{aligned} & 1188,182 \\ & 14\end{aligned}$ | ［14 45,101 |  | 退149，159 | 436， 168 378,148 | 426，597 414 | 510,909 512,292 | 4,305 14,766 | 195， 866 | 165， 117 | 134,675 118,067 | 76,438 72,933 | $\xrightarrow{14310,496} 1$ | 2,287 1,336 | .081 .060 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January． |  |  |  |  | 582，667 | 363，459 | 1，190， 059 | 23， 208 | 262， 218 | 217， 377 | 184， 200 | 135， 133 |  | 1，363 | ． 039 |
| February |  |  |  |  | 534， 016 | 265， 678 | 921， 721 | 5，792 | 238， 064 | 230， 364 | 170， 866 | 130， 544 |  | 1，297 | ． 040 |
| March． | 77，887 | 57，361 | 191，389 | 16， 529 | 523， 761 | 311，542 | 709， 502 | 12,150 | 236， 740 | 203， 033 | 168，359 | 129， 873 | 224， 680 | 1，438 | ． 040 |
| $\begin{aligned} & \text { April. } \\ & \text { May } \end{aligned}$ |  |  |  |  | 326， 833 | 145，${ }^{73} 1$ | 62, <br> 400 | 12752 | 151， 842 | 157， 019 | 113， 077 | 118， 132 |  | 1,245 1 | ． 035 |
| June． | 62， 358 | 54， 351 | 178， 229 | 14， 502 | 112， 963 | 84， 701 | 352， 113 | 8，084 | 52， 304 | 135， 516 | 40， 454 | 51， 172 | 221， 308 | ， 986 | ． 033 |
| July－ |  |  |  |  | 90， 262 | 38， 173 | 300， 024 | 2，119 | 41，208 | 114， 655 | 29， 281 | 29， 524 |  | 931 | ． 038 |
| August． |  |  |  |  | 152， 826 | 118， 409 | 265， 607 | 3， 030 | 70， 907 | 98，714 | 48， 012 | 29， 177 |  | 1，241 | ． 045 |
| September | 63， 015 | 57， 350 | 145， 339 | 13，005 | 571， 094 |  | 667， 022 | 12， 622 | 256， 208 | 201， 923 | 172， 878 | 103， 204 | 283， 964 | 1，292 | ． 045 |
| October．－ |  |  |  |  | 708， 113 | 1，259， 233 | 1，218， 142 | 25， 702 | 318， 495 | 308， 306 | 218， 484 | 134， 919 |  | 1， 270 | ． 040 |
| November | 70，819 | 59，847 | 120， 9 | 14，350 | 674， <br> 4798 <br> 837 | 899， 250 <br> 374， 393 | 1， $1,438,381$ | 18, 430 $28,698$ | 303， 396 214， 966 | 367， 468 <br> 367， 289 | 208， 734 150， 268 | $\begin{aligned} & 146,793 \\ & 143,902 \end{aligned}$ | 227， 590 | 1， 1,519 | ． 035 |
| Monthly average． 1933 | ${ }^{14} 66,020$ | ${ }^{44} 57,227$ | H158，971 | 114，598 | 413， 053 | 407， 181 | 777， 807 | 13， 129 | 186， 607 | 212， 801 | 180， 821 | 108， 134 | 14289，386 | 1，258 | 038 |
| January． |  |  |  |  | 432， 378 | 305， 267 | 1， 2090280 | 21，941 | 198， 272 | 344， 903 | 135， 010 | 149， 024 |  | 1，467 | ． 036 |
| February | 76，028 | 546 | 138， 551 | 379 | 435,927 368,954 | 196，741 | 970， 094 7489 | 23,873 5,039 | 195， 322 | 331， 572 <br> 284， 577 | 136,903 116,063 | 159，497 | 211， 640 | 1,274 <br> 1,408 | ． 035 |
| April． |  |  |  |  | 248， 703 | ${ }^{93}$ 93， 645 | 593， 528 | 4，564 | 116， 150 | 219， 965 | 81， 531 | 123， 959 |  | 1， 382 | 040 |
| May． |  |  |  |  | 219，511 | 73，744 | 447，759 | 5，373 | 100， 922 | 205， 609 | 72，773 | 81， 283 |  | 1，491 | ． 050 |
| June． | 79，942 | 68，389 | 138，024 | 16，815 | 170， 784 | 40，768 | 317， 623 | 50 | 79， 623 | 196，740 | 56，795 | 63， 611 | 263，722 | 1，379 | ． 056 |
| July |  |  |  |  | 157， 624 | 60， 939 | 220，938 | 961 | 71， 229 | 160， 874 | 49， 630 | 51， 260 |  | 1，274 | ． 064 |
| August |  |  |  |  | 235， 033 | 236， 040 | 221，945 | 2，231 | 107， 335 | 177， 948 | 71，562 | 59， 111 |  | 1，332 | ． 052 |
| Septembe October． | 96， 526 | 79， 931 | 132， 530 | 16，400 | 520， 959 643， 984 | － $\begin{array}{r}890,626 \\ 1,128,754\end{array}$ | － $\begin{array}{r}\text { 591，} 612 \\ 1,076,382\end{array}$ | 8，986 16,494 | 231,539 289,880 | 257， 704 313,723 | 159， 198 | 119，469 | 272， 014 | 1,489 1,777 | ． 0472 |
| November． |  |  |  |  | 583， 071 | 860， 380 | 1， $1,353,691$ | 10， 119 | 263， 576 | 316， 078 | 181，935 | 160， 128 |  | 1， 938 | ． 045 |
| December | 88， 579 | 73， 395 | 182， 827 | 15，562 | 443， 944 | 388， 027 | 1，297， 774 | 14， 130 | 203， 772 | 312， 458 | 137， 182 | 170， 430 | 251， 819 | 1，785 | ． 043 |
| Monthly average． $1934$ | 1487，789 | 441，005 | 14147，983 | 1415，789 | 371，739 | 368， 555 | 754， 101 | 9，480 | 168， 775 | 260， 179 | 116， 638 | 120， 452 | 14250，024 | 1，500 | ． 046 |
| January |  |  |  |  | 469， 444 | 194， 088 | 1，022， 416 | 14， 625 | 211， 854 | 289， 024 | 145， 007 | 188， 940 |  | 1，536 | 047 |
| February |  |  |  |  | 443， 274 | 156， 698 | 741， 321 | 6，305 | 197， 142 | 289， 156 | 135， 949 | 175， 250 |  | 1，889 | ． 051 |
| March． | 95， 032 | 76， 143 | 192， 807 | 14，807 | 344， 610 176,268 | 107， 420 | －504， 3131 | 381 203 | 161， 054 | 265， 348 252,825 | 112，${ }_{59} \mathbf{0 3 2}$ | 145， 129 | 252， 221 | 2， 158 2,073 | ． 051 |
| April． |  |  |  |  | 176， 268 109,387 | 46， <br> 55 <br> 546 | 320， 388 | 203 78 | 84， 51,407 | 262,625 219,637 | 58，${ }^{58,582}$ | $\begin{array}{r}\text { 109，} \\ \text { 76，} \\ \hline 18\end{array}$ |  | 3， 3,369 | ． 050 |
| June | 84， 291 | 97， 301 | 174， 603 | 30，886 | 92， 258 | 52， 407 | 280， 537 | 366 | 41， 011 | 175， 441 | 29，879 | 46， 794 | 262， 430 | 3，718 | ． 053 |
| July－．－ |  |  |  |  | 99， 699 | 42，923 | 222， 761 |  |  |  | $31,544$ |  |  | 4， 150 | ． 059 |
| August－－－ | 56， 716 | 63， 617 | 174， 924 | 37， 381 | 198， 193 | 274,207 958,925 | 298， 775 | 1，195 | 89,980 194,801 | 94， 168， 611 | $\begin{array}{r}31,534 \\ 133,756 \\ \hline\end{array}$ | 38,261 74,462 | 402， 364 | 6，280 <br> 7,428 | ． 088 |
| October．－． | 3，310 | 63， 17 | 144， 324 | 37， 381 | 601， 940 | 1，015，200 | 1，232， 104 | 196 | 270， 137 | 258， 923 | 184， 489 | 97， 575 |  | 7,322 | ． 081 |
| November |  |  |  |  | 529， 307 | 534， 923 | 1，237，720 | 306 | 244， 515 | 298， 899 | 165， 085 | 102，309 |  | 7,323 | ． 092 |
| December | 61， 238 | 80， 658 | 152， 761 | 34， 277 | 415， 670 | 308， 993 | 1，131， 043 | 80 | 189， 057 | 325， 123 | 128， 785 | 97， 469 | 358， 668 | 7，533 | ． 101 |
| Monthly avarage． 1935 | 1474， 319 | 1478，480 | ${ }^{14} 173,749$ | 1481，588 | 926， 574 | 312， 308 | 682， 021 | 1，913 | 148， 411 | 230， 148 | 102，007 | 88， 770 | ${ }^{14} 1818,921$ | 4， 665 | ． 065 |
| January |  |  |  |  | 402， 115 | 127， 905 | 856， 833 | 94 | 183， 204 | 340，763 | 124， 398 | 102，045 |  | 9，015 | ． 109 |
| February |  |  |  |  | 337， 731 | 61， 236 | 680,238 359 384 | 128 | 156，047 | 348， 254 | 108,169 | 103， 499 |  | 12，171 | ． 114 |
| March． | 62， 261 | 96， 256 | 122，142 | 31，960 | 260,964 129,372 | 40,090 18.886 | 359， <br> 2489 <br> 888 | 236 24 | 118,496 61,704 | 309,460 263,899 | 84,258 43,525 | 961， 725 | 286， 324 | 11，005 | ． 108 |
| May． |  |  |  |  | 102， 266 | 22， 435 | 169， 047 | 49 | 46，959 | 242，204 | 33， 194 | 47， 689 |  | 7， 819 | ． 105 |
| June． | 44， 502 | 83，017 | 112， 607 | 26， 036 | 68，175 | 24， 467 | 125， 339 | 223 | 30，313 | 223， 893 | 22， 617 | 35， 036 | 256， 192 | ${ }^{6,425}$ | 101 |
| July |  |  |  |  | 65， 302 | 30，888 | 89， 575 | 20 | 20， 132 | 198，367 | 20，772 | 28， 263 |  | ， 819 | ． 096 |
| August．－．－ | 61， 669 | 91， 345 | 109， 836 | 23， 660 | 145， 115 | 203，442 | 149,446 472,566 | 1， 420 | $\begin{array}{r}65, \\ 194,282 \\ \hline 182\end{array}$ | 178， 358 | 43， 127，816 | 27，638 74,537 | 360， 690 | 6，714 | ． 102 |
| October．．． |  |  | 10， |  | 741， 295 | 1．096，758 | 828， 029 | 2，418 | 336， 139 | 253， 294 | 225， 168 | 110， 657 |  | 6， 610 | ． 104 |
| November． |  |  |  |  | 634， 326 | 693， 101 | 886， 804 | 1，403 | ${ }_{231}^{287} 337$ | 312， 279 | 193， 025 | 119， 314 |  | 8,549 | ． 103 |
| December． | 84， 509 | 93，006 | 127， 904 | 23， 992 | 518， 673 | 481， 299 | 849， 430 | 1，382 | 231， 337 | 355， 432 | 154， 286 | 131， 843 | 361， 863 | 0， 120 | ． 107 |
| Monthly average | 1468,210 | 1490， 908 | 44118，097 | ts 46,387 | 320.113 | 298，765 | 467， 862 | 623 | 145，030 | 268， 625 | 98， 407 | 78， 225 | 14316，242 | 8，292 | ． 104 |

${ }^{14}$ For footnote see p． 168.

CHEMICALS AND ALLIED PRODUCTS-OILS, FATS, AND BYPRODUGTS-Contd.


For footnotes see p. 168.

## CHEMICALS AND ALLIED PRODUCTS--LINSEED OIL, OLEOMARGARINE, AND PAINTS



For footnotes see p. 168.

CHEMICALS AND ALLIED PRODUCTS-PAINTS, PLASTICS, AND ROOFING


For fontnotes see pp. 168, 169.

ELECTRIC POWER AND GAS-ELECTRIC POWER


For footnotes see p. 169

# ELECTRIC LIGHT AND POWER—MANUFACTURED GAS ${ }^{1}$ 

| Year and Monte | CUSTOMERS |  |  |  | SALES TO CONSUMERS |  |  |  | REVENUE FROM SALES TOCONSUMERS |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | $\begin{aligned} & \text { Domes- } \\ & \text { tic } \end{aligned}$ | House heating | Industrial and commercial | Total | $\begin{aligned} & \text { Domes- } \\ & \text { tic } \end{aligned}$ | House heating | Industrial and commerclal | Total | $\begin{aligned} & \text { Domes- } \\ & \text { tic } \end{aligned}$ | House heating | Industrial and com mercial |
|  | Thousands |  |  |  | Millions of cubic feet |  |  |  | Thousands of dollars |  |  |  |
| 1929 monthly averago . . 1930 monthly average.. | 10,113 10,289 | 9,638 9,786 | 32 43 | 436 463 | 32,878 33,009 | 23, <br> 23, <br> 238 | 1,177 1,515 | 8,483 8,160 | 36,323 36,504 | 27,838 27,918 | r 1,252 | 7,334 7,177 |
| Jenuary 1931 |  |  |  |  |  |  |  |  |  |  |  |  |
| February | 10,280 10 | 9,773 9,714 | 54 <br> 63 | 456 467 | 37,158 34,622 | 24,958 22,898 | 3,715 3,396 | 8, ${ }^{8,142}$ | 40,116 37,598 | 29,613 <br> 27,518 | 2, 218 2,618 | 7, 441 |
| March. | 10, 286 | 9, 744 | 51 | 464 | 34, 084 | 22,668 | 2,941 | 8, 278 | 36, 958 | 27, 121 | 2,356 | 7, 320 |
| April. | 10, 255 | 9,734 | 51 | 464 | 34, 315 | 23,471 | 2,347 | 8, 314 | 37, 470 | 28,081 | 1,027 | 7,304 |
| May | 10, 320 | 9,784 | 51 | 479 | 33, 277 | 23,664 | 1,415 | 8,043 | 36,745 | 28, 360 | 1,181 | 7,078 |
|  | 10, 272 | 9,730 | 49 | 488 | 31, 433 | 23,125 | 696 | 7,572 | 35, 422 | 28, 084 | 505 | 6,715 |
| July . | 10, 298 | 9,770 | 44 | 477 | 27, 821 | 20,628 | 213 | 6, 856 | 31,965 | 25, 510 | 200 | 6, 151 |
| August. | 10, 298 | 9,773 | 42 | 478 | 26, 476 | 19,582 | 155 | 6,612 | 30, 556 | 24,352 | 159 | 5,950 |
| Soptember | 10,344 | 9, 814 | 43 | 480 | 29, 204 | 22, 022 | 19.5 | 6,838 | 33,544 | 27,076 | 190 | ${ }^{6}, 159$ |
| Novernber | 10,242 | 9,796 98 | 51 56 | 476 474 | 31,356 31,740 | 23,623 22,765 | $\begin{array}{r}192 \\ 1,527 \\ \hline\end{array}$ | 7,037 | 35, <br> 35,251 | 28,495 | 1,211 | 8, 8 6, 457 |
| December | 10,207 | 9,666 | 58 | 476 | 32,778 | 22, 677 | 2,554 | 7,345 | 35, 720 | 27, 106 | 1,963 | 0,514 |
| Monthly average. | 10,280 | 9,750 | 50 | 473 | 32, 022 | 22,685 | 1,640 | 7,548 | 35, 564 | 27, 995 | 1,310 | 6,718 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |
| January- | 10,113 10,094 | 9,615 9,592 | 57 57 | 434 437 | 33,034 31,449 | 23,132 21,487 | 2,908 2,972 | 6,763 | 37, 108 | 28,414 <br> 2603 <br> 15 | ${ }_{2}^{2,295}$ | 6, 6808 |
| March | 10,064 | 9, 562 | 57 | 437 | 33, 069 | 22,724 | 3,212 | 6, 922 | 36, 825 | 27,778 | 2, 460 | 6, 437 |
| April. | 10,080 | 9,578 | 56 | 437 | 32, 330 | 22,879 | 2,589 | 6, 676 | 36,422 | 28, 054 | 1,081 | 6, 247 |
| May | 10, 043 | 9,544 | 55 | 435 | 30, 111 | 22, 622 | 1,306 | 6, 111 | 34, 647 | ${ }^{27,691}$ | 1,043 | 5,780 |
| June. | 10, 004 | 9,510 | 50 | 436 | 28, 456 | 22, 024 | 465 | 5, 814 | 33, 397 | 27, 420 | 392 | 5,461 |
| July.. | 9, 938 | 0, 453 | 43 | 434 | 25, 814 | 20, 132 | 208 | 5,336 | 30,654 | 25, 334 | 196 | 5,015 |
| August | 0, 888 | 9, 404 | 45 | 431 | 23, 948 | 18,567 | 158 | 5,076 | 28, 718 | ${ }^{23,646}$ | 161 | 4,812 |
| September | 9,882 | 9, 399 | 46 | 429 | 26, 393 | 20,805 | 198 | 5,228 | 31, 299 | 26,053 | 186 | 4, 941 |
| October-- | 9,852 | 9, 359 | 56 | 429 | 28, 526 | 21, 970 | 708 | 5,648 | 33, 034 | 27, 062 | 586 | 5, 252 |
| Monthly average.. | 0,956 | 9,461 | 54 | 438 | 20, 848 | 21, 606 | 1,620 | B, 034 | 33, 612 | 26, 690 | 1,247 | 8, 840 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 0, 699 | 9, 107 | 59 | 424 | 30,643 | 21,376 | 3,035 | 6,030 | 33, 698 | 25,855 | 2,133 | 5,566 |
| February | ${ }_{9}^{9,566}$ | 9,077 | 59 59 | 421 | 29,206 29,373 | 20,038 | 3,001 2 2 | 5,930 5,820 | 32,171 32, 320 | $\begin{array}{r}25,437 \\ 24 \\ 24 \\ \hline\end{array}$ | 2, 119 | 6,478 |
| April.. | 9, 9,581 | 9,092 | 59 59 | 421 | 28,383 283 | 20,457 | 2,871 | 5,936 | 31,911 | -24, 268 | 1,643 | 5, ${ }^{670}$ |
| May | 9, 553 | 9, 067 | 56 | 422 | 28, 271 | 20, 707 | 1,268 | 6, 146 | 31, 575 | 25, 188 | 938 | 5,308 |
| June. | 9, 618 | 9, 134 | 50 | 423 | 26,867 | 20, 212 | 432 | 6, 088 | 30, 645 | 25,003 | 356 | 5, 169 |
| July -- | 0, 613 | 9, 136 | 43 | 428 | 24, 394 | 18, 165 | 208 | 5,895 | 28, 001 | 22,780 | 101 | 4, 931 |
| August. | 9, 636 | 9,157 | 43 | 428 | 23, 826 | 17, 621 | 179 |  | 27, 442 | 22, 250 | 169 | 4, 024 |
| September | 9,692 | 9,208 | 48 | 427 | 25,798 | 19,592 | 247 | 5,820 | 29, 676 | 24, 400 | 221 | 4,943 |
| October--1 November | 9,708 9,683 | 9, 205 | 68 78 | 428 428 | 27,669 28,805 | 20, 613 19873 | 822 2,440 3 | 6,052 6,296 | 31,203 $31,3.5$ | -25, 323 | - $\begin{array}{r}615 \\ 1,616\end{array}$ | 5, ${ }^{5,138}$ |
| December. | 9,680 | 9,161 | 80 | 430 | 30, 476 | 20, 176 | 3,586 | 6,516 | 32, 357 | 24, 428 | 2,300 | 5,494 |
| Monthly average. | 9, 825 | 9, 133 | 58 | 425 | 27,847 | 19, 942 | 1,699 | 6, 040 | 31,029 | 24, 480 | 1,105 | 5,247 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 9,681 | 9, 150 | 88 | 433 | 31,827 | 20,789 | 4,160 | 6, 670 | 33, 661 | 25,068 | 2,825 | 5,625 |
| March | 9, 711 | ${ }_{9,157}^{9,183}$ | 89 87 | 429 435 | 32,105 32,522 | 20,579 | 4,137 3,937 | 7,191 7,552 | 33,324 33,586 | 24,451 24,722 | 2,930 <br> $2,77 \theta$ | 5, ${ }^{5,983}$ |
| April. | 9,735 | 9, 198 | 92 | 433 | 30,645 | 19,654 | 3, 261 | 7,561 | 82, 019 | 24, 057 | 2,094 | 5, 757 |
| May.- | 9, 818 | 9,281 | 94 | 431 | 29, 186 | 19,741 | 1,962 | 7,334 | 31, 637 | 24,660 | 1,267 | 5,592 |
| June. | 9,836 | 9,303 | 80 | 432 | 27,623 | 19,648 | 714 | 7,124 | 30,700 | 24, 615 | 534 | 5,421 |
| July.. | 9,839 | 9, 309 | 86 | 433 | 24,495 | 17,365 | 378 | 6,586 | 27,701 | 22, 258 | 298 | 5, 046 |
| August. | 9,870 | 9,337 | 88 | 434 | 23, 870 | 16, 873 | 332 | 6,538 | 27, 064 | 21,712 | 267 | 4,980 |
| September | 9,923 | 9,386 | 95 | 433 | 26, 684 | 19,541 | 441 | 6,545 | 30, 138 | 24, 518 | 395 | 5,118 |
| October... | 9,929 9896 | 9,381 <br> 9,338 | 105 | 435 435 | 28,283 29,117 | 20, 149 <br> $\mathbf{1 8} 80$ <br> 850 | 1,168 3,268 | 6,790 | 31,375 <br> 31,337 |  | 895 1,906 | 5,388 5,540 |
| December- | 9,874 | 9,338 0,311 | 117 | 437 | 31, 097 | 18,896 | 1,1268 4,794 | 7,199 | 32, 274 | 23, 601 | 2,886 | 5,652 |
| Monthly average. | 9,817 | 9, 278 | 89 | 493 | 28, 854 | 19,402 | 2, 379 | 7,000 | 31, 287 | 24, 035 | 1,590 | b, 489 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 9, 817 | 9,253 | 119 | 435 | 33, 615 | 19,916 | 5,755 | 7,731 | 33, 801 | 24, 044 | 3, 726 | 5,887 |
| Fobruary | 9, 830 | 9,268 | 122 | 430 | 32, 899 | 19,477 | 6, 422 | 7,806 | 32, 877 | 23,150 | 3, 709 | 5,884 |
| March. | 9,841 | 9, 279 | 114 | 435 | 31,065 | 19,034 | 4, 160 | 7, 682 | 31, 341 | 22,805 | ${ }_{2}^{2,927}$ | 5,772 |
| May. | 9,869 9,936 | 9, ${ }^{9} 969$ | 120 | 437 <br> 435 | 30, 304 | 19,166 | 3,027 | 7,944 | 31, 834 | 24, 275 | 1,695 | 6,736 |
| June. | 9, 949 | 9,389 | 115 | 434 | 28, 897 | 19,764 | 1,271 | 7,720 | 31, 189 | 24,669 | 894 | 5,524 |
| July.-. | 9,948 | 9,394 | 106 | 436 | 25,723 | 17,601 | 550 | 7,396 | 28, 313 | 22,575 | 419 | 5,216 |
| Aupust | 9,956 | 9,407 | 104 | 433 | 24, 479 | 16,673 | 387 | 7,288 | 27,137 | 21, 539 | 313 | 5,175 |
| September | 10,023 | 9,473 | 106 | 435 | 27,492 | 19,189 | 550 | 7,600 | 30, 140 | 24, 140 | 475 | 5,415 |
| October--- | 10,033 9,994 | 9, 96421 | 121 | 434 437 43 | 29, 897 30,164 33, | 20,008 18,543 | 1, ${ }^{1} 271$ | 8, 134 | 31, 753 <br> 31,308 <br> 3 | 24,697 23,416 | 1,150 | 5, ${ }^{5} \mathbf{7 1 2}$ |
| December. | 10,005 | 9,425 | 131 | 439 | 33, 480 | 18,679 | 5,716 | 8,861 | 33, 113 | 23,336 | 3,291 | 0, 244 |
| Monthly average. . | 9, 833 | 9,370 | 117 | 435 | 29, 913 | 18,899 | 2,952 | 7,889 | 31, 198 | 23,487 | 1,805 | 5,700 |

[^1]
## ELECTRIC LIGHT AND POWER—NATURAL GAS ${ }^{1}$



For footnotes see p. 169.

FOODSTUFFS—BEVERAGES


For footnotes see p. 169.

FOODSTUFFS-BUTTER AND CHEESE


For footnotes see p. 169.

FOODSTUFFS-CONDENSED, EVAPORATED, FLUID, AND POWDERED MILK


For footnotes see p. 169.

## FOODSTUFFS-FRUITS AND VEGETABLES, GRAIN EXPORTS, AND BARLEY

| Year and Monte | FRUITS AND VEGETABLES |  |  |  |  |  |  |  | GRAINS |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Apples ${ }^{1}$ |  |  | Cltrus fruit | On- ions | White potatoes |  |  | Exports Barley |  |  |  |  |  |  |
|  | Pro-duction, | $\begin{aligned} & \text { Car~ } \\ & \text { lot } \end{aligned}$ | Stocks, cold-stor- | Car-lot shipments |  | Wholesale | Pro-duction, | $\begin{aligned} & \text { Car- } \\ & \text { lot } \end{aligned}$ | $\begin{aligned} & \text { Princi- } \\ & \text { paling, } \\ & \text { granclud- } \end{aligned}$ | Exports | $\begin{array}{\|} \text { Wholgsal } \\ \text { No. } \quad \text { (N } \\ \text { apol } \end{array}$ | eprices, s) ${ }^{3}$ <br> s) ${ }^{3}$ | Pro-duction, | Beceipts, princi- | $\begin{aligned} & \text { Stocks, } \\ & \text { com- } \\ & \text { mercial, } \end{aligned}$ |
|  | esti- mate |  | month |  |  | York) ${ }^{\text {a }}$ | mate ${ }^{1}$ |  | flour and meal | t. | Straight | $\begin{gathered} \text { Malt- } \\ \text { ing } \end{gathered}$ | $\begin{aligned} & \text { estil- } \\ & \text { mate } \end{aligned}$ | $\begin{aligned} & \text { mar- } \\ & \text { kets? } \end{aligned}$ | $\begin{gathered} \text { of } \\ \text { month }^{8} \end{gathered}$ |
|  | Thous. of bu. | No. of carloads | Thous. of bbls. | Number of carloads |  | Dolls. per 100 lbs. | Thous. of bu. | No. of carloads | Thousands of bushels |  | Doll. p | r bu. | Thousands of bushels |  |  |
| 1913 monthly average |  |  |  |  |  | 1. 233 | 332,447 |  | 18,865 | 1,065 |  |  | 158, 820 |  |  |
| 1914 monthly average |  |  | 10 2, 439 |  |  | $\begin{array}{r}1.259 \\ \hline .977\end{array}$ | 368,249 336,780 |  | 28,152 38,992 3 | 1,518 2,377 |  |  | 177, 712 |  |  |
| 1916 monthly average |  |  | 102,520 |  |  | 2. 152 | 270, 388 |  | 35, 230 | 2,041 |  |  | 159, 157 |  |  |
| 1917 monthly average. |  | 4,754 | $1{ }^{10} 2,337$ | 519 | 1,596 | 3.572 | 398, 653 | 12,055 | 31, 237 | 1,800 |  |  | 182, 209 |  |  |
| 1918 monthly average. |  | 5,737 | 10 2, 488 | 3,417 | 1,836 | 2.443 | 346, 114 | 14, 122 | 35,323 | 1,789 |  |  | 225, 067 |  |  |
| 1919 monthly average | 140,786 | 6,796 | 10 2, 589 | 5,398 | 1,740 | 2. 752 | 297, 341 | 15, 106 | 36,761 | 4, 005 |  |  | 131,086 |  |  |
| 1820 monthly average | 207, 313 | 9, 093 | $1 \begin{aligned} & 10 \\ & 10\end{aligned}$ | 5,969 | ${ }^{2}, 289$ | 4. 204 | 368,904 | 15, 431 | 35, 840 | 1, 807 |  |  | 171, 042 |  |  |
| 1921 monthly average. | $\begin{array}{r}\text { 95, } \\ 1878 \\ \hline 186\end{array}$ | 88,180 | (10 3, 125 | 7,551 | 1,963 | 2.112 2.086 | 325,312 419,288 | 18,167 20,451 | 46,959 4230 | 2,815 |  |  | 132,702 | 2,987 |  |
| 1923 monthly average. | 180,968 | 11, 192 | 104,506 | 9, 129 | 2,266 | 2.500 | 366, 356 | 20, 130 | 23, 198 | 1,240 |  |  | 158,994 | 3,275 |  |
| 1924 monthly average | 160,049 | 9,682 | 10 4,578 | 9,606 | 2,660 | 1.992 | 384, 166 | 21,008 | 27, 592 | 2,022 |  |  | 165, 318 | 4,428 |  |
| 1925 montbly average | 151, 752 | 9,836 | 104.405 | 7,830 | 2,589 | 2370 | 296,466 | 20, 127 | 21, 040 | 2,774 |  |  | 192,466 | 4,937 |  |
| 1926 monthly average. | 227, 043 | 11, 022 | 105, 127 | 8,731 | 2,804 | 3. 776 | 321, 607 | 19,369 | 22, 221 | 1,381 |  |  | 166, 030 | 3,081 |  |
| 1927 monthly average. | 115, 625 | 8,543 | 1004,381 | 9,628 | 2,830 | 2. 673 | 369, 644 | 21, 120 | 27, 825 | 3,380 |  |  | 239,071 | 5,031 | 4,901 |
| 1928 monthly average. | 176, 1321 13,318 | 10,013 8,731 | -104, 805 | 8,623 12,585 | 2,937 3,077 | 1.786 2.277 | 427,249 332,204 | 21,445 21,100 | 21, 921 | 4,551 2,714 |  |  | 328,351 <br> 279,924 | 7,428 4,770 | 6,628 10,563 |
| 1929 monthly average | 133, 318 | 8, 731 8,919 |  | - $\begin{array}{r}12,585 \\ 9,388\end{array}$ | $\begin{array}{r}3,077 \\ 3,298 \\ \hline\end{array}$ | 2.277 2.373 | 332,204 340,572 | 21,100 21,034 | 19,674 14,303 | 2,714 |  |  | 279,924 300,205 | 4,770 3,811 3 | 10,563 10,803 |
| 1931 monthly average | 202, 477 | 8, 194 | 105,772 | 13, 124 | 2,836 | 1.523 | 384, 125 | 20,084 | 11, 861 | 714 |  |  | 190, 391 | 2,485 | 8. 207 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January |  | 8,263 | 7,807 | 14, 702 | 2,149 1,539 | 1. 1198 |  | $\begin{array}{r}17,767 \\ 18,923 \\ \hline\end{array}$ | 8,583 8,496 | 129 |  |  |  | ${ }_{1}^{1,202}$ | 5,710 5,185 |
| March. |  | 8, ${ }^{8,472}$ | 5, 419 3,243 | 16, 180 | 1,539 859 | 1.347 |  | 18,923 24,876 | 8,496 9,112 | 188 |  |  |  | 2,041 | 5, 4,179 |
| April. |  | 3,749 | 1,719 | 13,886 | 2,650 | 1. 195 |  | 21, 436 | 13, 030 | 212 |  |  |  | 1,711 | 3,732 |
| May |  | 2,412 | 673 | 12,302 | 4,356 | 1.086 |  | 18,385 | 10,270 | 673 |  |  |  | 1,226 | 3,005 |
| June |  | 1,419 |  | 8, 547 | 2,443 | . 837 |  | 22,095 | 9,810 | 465 |  |  |  | 922 | 2,793 |
| July |  | 2,610 |  | 8, 077 | 1,574 | 1.073 |  | 15, 832 | 6,740 | 812 |  |  |  | 888 | 3,440 |
| August. |  | 1,687 |  | 6,020 | 1,511 | .921 |  | 8,465 | 8,524 | 995 1098 |  |  |  | 6,037 | 8,651 |
| September |  |  | 1,974 |  | 3,780 3,449 | . 913 |  | 12,924 14,496 |  | 1,028 |  |  |  | 3, ${ }^{4,631}$ | 8,976 9880 |
| Oetober-- |  | 24, 078 | 8,827 8,811 | 6,797 11,002 | 3,449 2,137 | + 1.910 |  | 14,496 11,941 | 8,176 10,075 | 1, 1,344 |  |  |  | 3, 272 <br> $\mathbf{2 , 7 2 4}$ <br> 1 | 9, <br> 9882 <br> 880 |
| December | 140,775 | 6,128 | 8,513 | 13,478 | 1,708 | 1. 254 | 376, 425 | 12, 118 | 5,715 | 940 |  |  | 298, 313 | 2,914 | 10, 245 |
| Monthly average |  | 7,057 | ${ }^{10} 5,332$ | 11, 067 | 2,338 | 1.083 |  | 16, 013 | 8,718 | 678 |  |  |  | 2, 394 | 6,097 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January |  | 6,385 | 6,703 | 13,804 | 2,331 | 1.258 |  | 16,745 | 4,688 |  |  |  |  | 1,787 | 10, 516 |
| February |  | 5,959 5 | 4,748 2,894 | 12, 14.045 | 2,322 2,487 | 1. 2580 |  | 16,518 | 3,400 3,952 | 1,016 |  |  |  | 1,203 1,683 | 10, 162 |
| April. |  | 2,880 | 1,567 | 12,919 | 2,492 | 1. 290 |  | 18, 206 | 2,548 | -388 |  |  |  | 5,055 | 9,599 |
| May |  | 1,992 | 590 | 14, 537 | 2,783 | 1. 101 |  | 18, 203 | 2,772 | 381 |  |  |  | 8,780 | 12, 181 |
| June. |  | 1,095 |  | 12,999 | 1,799 | 1.417 |  | 21, 380 | 3, 186 | 858 |  |  |  | 5,091 | 13,417 |
| July. - |  | 1,512 |  | 7.865 | 1,176 | 2. 371 |  | 12,016 | 2,969 | 836 |  |  |  | 6, 280 | 14, 687 |
| August. |  | 1,674 |  | 6,402 | 1,871 | 2.305 2080 |  | 10,797 | 2,831 | 437 |  |  |  | 6,719 6,687 | 17,975 1930 |
| September October |  | 6,340 16,459 | 7,749 | 6,865 8,382 | 1,416 <br> 3,365 | 2.080 2.017 |  | 17,475 <br> 21,942 | 2,605 $\mathbf{2 , 1 6 9}$ | ${ }_{283}^{411}$ |  |  |  | 6,687 4,315 | 19,330 20,647 |
| November |  | 9,243 | 8,376 | 10,766 | ${ }_{2} \mathbf{2}, 067$ | 1.965 |  | 13,824 | 4,609 | 1,314 |  |  |  | 2,974 | 19, 958 |
| December | 142, 981 | 6,795 | 7,135 | 13, 626 | 2, 199 | 1.997 | 342,306 | 12, 441 | 6, 657 | 151 |  |  | 153,767 | 2,825 | 18, 291 |
| Monthly average... |  | 5,437 | 104, 823 | 11,230 | 2,359 | 1.677 |  | 17,007 | 3, 533 | 612 |  |  |  | 4,387 | 14,709 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January: |  | 6,791 4,671 | 5,474 | 14,772 | 2,642 2,145 | 2. 2195 |  | 21,924 | 6,325 4,854 | 514 |  |  |  | ${ }_{3,026}^{4,411}$ | 17,236 16,123 |
| Murch. |  | 4,365 | 2, 131 | 16, 116 | 2,019 | 2.388 |  | 23,839 | 5,757 | 690 |  |  |  | 3,574 | 14, 535 |
| April |  | 2, 261 | 1, 052 | 13, 241 | 2,957 | 2. 013 |  | 19,887 | 8, 213 | 425 |  |  |  | 2, 878 | 13, 010 |
| Mry |  | 1. 379 | 395 | 12, 469 | 3, 054 | 1.762 |  | 21,611 | 3,574 | 408 |  |  |  | 3,502 3,813 | 11, 323 |
| June |  | 779 |  | 10, 131 | 2,896 | 1.541 |  | 25, 744 | 1,884 | 139 |  |  |  | ${ }^{3,813}$ | 10, 33 |
| July. |  | 1,180 |  | 8, 128 | 1,338 | 1. 200 |  |  | ${ }_{5}^{2,929}$ | 165 | 0.81 | 0.91 |  |  |  |
| August |  | 1,903 10,509 | 4,092 | 7,099 | 2,407 3,727 | . 1.004 |  | 11,537 14,846 | 5,174 <br> $\mathbf{3 , 3 7 9}$ | 789 | $\begin{array}{r}0.81 \\ \hline 1.05 \\ \hline\end{array}$ | 1. 1.16 |  | 8,556 8,595 | 13,264 17,744 |
| October-- |  | 17, 441 | 10, 408 | 7,480 | 3, 626 | . 948 |  | 21, 959 | 2, 884 | 582 | 1. 02 | 1.10 |  | 5, 484 | 17, 531 |
| November |  | 7,725 | 10,328 | 13,772 | 2,151 | 1.006 |  | 14,922 | $\stackrel{2}{275}$ | 535 | 1.06 | 1.17 |  | 5,188 | 19, 184 |
| Dece | 120,670 | 5,740 | 8, 890 | 14, 712 | 1,933 | . 975 | 406, 105 | 12, 188 | 1,812 | 111 | 1.09 | 1.20 | 116, 880 | 4,796 | 18, 200 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January |  |  |  |  |  | 1. 975 1.008 |  |  |  | 628 209 | 1.09 1.08 | 1.18 1.15 |  | 2,297 1,893 | 16,406 14,255 |
| February |  | 5,, 966 4,717 | 4,646 | 15, ${ }^{14281}$ | 2,868 <br> 1,246 | 1.008 .881 .885 |  | 21,073 21,053 | 1,614 1,759 | 128 | 1.08 1.01 | 1.15 |  | 1,893 <br> 2,104 <br> 1 | 11,265 11,757 |
| April. |  | 3,127 | 1,188 | 16, 839 | 2, 427 | 935 |  | 17,990 | 1,478 | 88 | . 97 | 1.07 |  | 2, 550 | 9, 621 |
| May- |  | 1. 179 | 360 | 15,774 | 3,333 <br> 3,046 | . 818 |  | 18,590 21,249 | 1,608 <br> 1,594 | 79 67 | . 87 | . 82 |  | 3,205 <br> 2,628 | 8, 8102 |
| June |  | 615 |  | 12, 223 | 3,046 | . 713 |  | 21,249 | 1,594 | 67 | . 71 | . 82 |  | 2,628 | 6,102 |
| July |  | 1,340 |  | 11, 669 | 1,053 | . 965 |  | 15,781 | 1,997 | 548 | . 58 | . 65 |  | 1,569 | ${ }_{8}^{5,234}$ |
| August. |  | 1,647 | 2,510 | 8,423 8,996 | 1,798 <br> 3 <br> 3 | .706 .906 |  | 9,890 12,679 | 2,003 3,498 | 581 1,953 | . 52 | . 60 |  | 7, 13, 780 | 8,635 13,918 |
| October |  | 19, 084 | 10, 276 | 8,941 | 3,844 | 1.120 |  | 19,626 | 2,774 | 1,138 | . 61 | . 65 |  | 9,923 | 18,436 |
| November |  | 7,546 | 11,018 | 11, 170 | $\stackrel{2}{2,430}$ | 1. 800 |  | 13,902 | $\stackrel{2}{2} 317$ | 872 | . 56 | . 62 |  | 7,827 | 18, 245 |
| December | 167, 283 | 5,378 | 9,686 | 14, 473 | 1,553 | 1.790 | 387,678 | 11,338 | 2,481 | 1,240 | 59 | 66 | 282, 226 | 4,809 | 18, 088 |
| Monthly average.. | ......... | 5,284 | 10 5,473 | 12, 585 | 2,478 | 1.080 |  | 16,824 | 2,089 | 627 | 76 | 84 |  | b, 018 | 12,400 |

For footnotes see p. 170.

FOODSTUFFS-GRAINS (CORN AND OATS)


For footnotes, see p. 170.

FOODSTUFFS-GRAINS (RICE AND RYE)


For footnotes see p. 170.

FOODSTUFFS—GRAINS (WHEAT)


For footnotes see p. 170.

FOODSTUFFS-WHEAT FLOUR


For footnotes see pp. 170, 171.


For footnotes see p. 171.

FOODSTUFFS-MEATS (TOTAL MEATS, BEEF AND VEAL, LAMB AND MUTTON)

| Year and Month | TOTAL MEATS |  |  |  | BEEF AND FEAL |  |  |  |  | LAMB AND MUTTTON |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Apparent con$\operatorname{sump}_{\text {tion }}$ tion | Production (inspected slaugh-ter) | Stocks, cold storage holdings (end of mo.) |  | Apparent con-sumption ${ }^{1}$ | $\underset{\text { ports }}{\mathrm{Fs}-}$ | Wholesale price, fresh native steers (Chicago) ${ }^{\text {a }}$ | Production (inspected slaugh- $_{\text {ter) }}$ | Stocks, coldstorage, end of month ${ }^{3}$ | $\begin{gathered} \text { Appar- } \\ \text { ent con- } \\ \text { sump- } \\ \text { tom }{ }^{1} \end{gathered}$ | Production (inspected slaugh" ter): | Stocks, cold storage, end of month: |
|  |  |  | Total | Miscellaneous meats |  |  |  |  |  |  |  |  |
|  | Thousands of pounds |  |  |  |  |  | $\begin{gathered} \text { Dolls. per } \\ \mathbf{l b} . \end{gathered}$ | Thousands of pounds |  |  |  |  |
| 1913 monthly average |  |  | .-.......-. \||-........--- |  |  |  | 0.130 | 329, 811 |  | $\qquad$ | 45681 |  |
| 1914 monthly average |  |  |  |  |  | 7,161 | . 136 | 314,784 |  |  | 44, 623 |  |
| 1915 monthly average | 824, 727 |  |  |  | 354, 440 | 31, 297 | . 138 | 331,971 383,268 | 127, 200 | 38,439 | 38,445 <br> 37,584 | 3,722 |
| 1917 monthly average- | 793, 573 |  | 887, 581 | -48, 182 | 420, 945 | 29, 142 | . 167 | 457, 910 | 192, 343 | 29, 141 | 29, 120 | 4, 631 |
| 1918 monthly average. | 876, 854 |  | 1, 224, 646 | 86,774 | 407, 135 | 58, 334 | . 221 | 522,309 | 256, 523 | 31,299 | 31,831 | 6,026 |
| 1919 monthly average. | 854,349 855,554 | 1, 975,590 | 1,269,413 | 103,078 82,474 | 431,602 400,648 | 22, 592 | . ${ }_{230}^{233}$ | 448, 074 | 237, 123 | 39,166 <br> 37 <br> 103 | 38,539 3499 | 8, 291 |
| 1920 monthly average | 855, 85429 | 968, <br> 972, <br> 174 | 1, 1962,764 | 82, 79 | 376, 77 | 3, 117 | . 163 | 371, 125 | ${ }_{99} 1823$ | 42,989 | 41,096 | 22,090 |
| 1922 monthly sverage. | 928, 766 | 1,067, 141 | 773, 050 | 53,641 | 411, 561 | 2,723 | . 150 | 414, 045 | 68, 521 | 35\%,830 | 34, 820 | 3, 294 |
| 1923 monthly average. | 1, 053, 121 | 1, 229, 773 | 984, 698 | 67,915 | 427,455 | 2, 347 | . 158 | 427,407 | 75, 689 | 37, 615 | 37, 188 | 3,742 |
| 1924 monthly average | 1, 079,055 | 1, 216, 998 | 981,848 | 72,060 | 440, 905 | 2, 171 | . 171 | 444,005 | 79,712 | 38,047 | 38,030 | 2,495 |
| 1925 monthly average | 1, 025, 336 | 1, 105, 812 | 908, 389 | 73,021 | 461, 485 | 2,205 | . 180 | 456, 043 | 80, 156 | 39,140 | 38,943 | 1,731 |
| 1926 monthly average. | 1, 034, 404 | 1, 127, 495 | 768, 145 | 54,644 | 479, 889 | 2,065 | . 164 | 479, 709 | 64, 358 | 41, 691 | 41,741 | 2, 622 |
| 1927 monthly average | 1, 047, 411 | 1, 125, 802 | 893, 530 | 59,885 | 446, 651 | 1,613 | . 186 | 439, 760 | 59,085 | 41, 964 | 41, 812 | 2,625 |
| 1928 monthly average | 1, 055, 615 | 1, 152, 404 | 1, 005, 344 | 64, 659 | 401, 113 | 1,110 | . 228 | 393, 917 | 53, 801 | 43, 630 | 43, 546 | 3,147 |
| 1929 monthly average. | 1, 058, 097 | 1,141, 949 | 1, 067, 671 | 81, 455 | 404, 009 | 1, 362 | . 231 | 393,965 | 72,018 | 45, 800 | 45,458 | 3,653 |
| 1930 monthly sverage | 1, 028, 684 | 1, 089, 315 | 852, 556 | 83,993 | 397, 968 | 1,603 | . 207 | ${ }^{392,026}$ | 74, 945 | 54,093 | 54, 145 | 4, 692 |
| 1931 monthly average | 1,043,324 | 1, 105, 883 | 870,548 | 72, 130 | 397, 913 | 1,382 | . 156 | 395, 956 | 49, 276 | 57,462 | 57,303 | 2,530 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |
| January-. | 1, 097, 951 | 1, 301, 317 | 875, 062 | 69,249 | 380, 079 | 1,211 | . 145 | 377, 068 | ${ }_{51,285}$ | ${ }^{64,276}$ | ${ }^{63,834}$ | 1,947 |
| February | 955, 184 |  | 1, 031, 519 | 73, 368 | 340, 341 |  | . 130 | 369, 741 | 51,107 <br> 48 <br> 186 | 55, 987 | 55, 851 | 1,784 |
| March | 1, 014, 669 | 1, 051, 862 | 1, 011, 301 | 65,901 60,028 | 372,060 386,406 | ${ }_{926}^{902}$ | .130 .128 | 366,403 379,758 | 46,346 41,226 | 56,574 59,049 | 56,040 58,876 | 1,222 |
| May. | 1, 033, 194 | 1,093,947 | 1, 020, 267 | 59, 625 | 369,054 | 1,183 | .119 | 362, 834 | 35, 655 | 54, 868 | 54, 847 | 1,018 |
| June. | 1, 017,977 | 1, 000, 119 | 940, 298 | 54, 745 | 375, 236 | 1,211 | . 118 | 369, 524 | 29,909 | 55, 256 | 55, 268 | 1,010 |
| July. | 955, 578 | 910, 141 | 843,971 | 51, 570 | 354, 024 | 1,332 | . 142 | 350, 521 | 20,719 | 50, 419 | 50,438 | 1,012 |
| August-- | 1,002, 452 | -985, 445 | 750, 553 | 45, 419 | 364, 867 | 1,130 | . 1144 | 360, 440 | 24, 376 | 58,415 | 58, 713 | 1,305 |
| September | 1, 095, 741 | $1,038,422$ <br> 1,059 | 636,887 544,009 | 40,086 | 404, 828 380,576 | 1,018 | . 1438 | 404,124 38973 | 25,909 36,036 | 62,129 60,447 | 62,823 61,449 | 1,983 $\mathbf{2 , 9 7 4}$ |
| November | 1, 041,901 | 1, 058, 547 | 512,509 | 34, 912 | 357, 250 | 969 | . 124 | 361, 405 | 41,029 | 53,421 | 53, 366 | 2, 904 |
| December | 1, 013, 694 | 1, 171, 733 | 620,467 | 42,892 | 331,702 | 943 | . 113 | 332, 357 | 42, 870 | 50, 030 | 49,910 | 2,787 |
| Monthly average. | 1, 028, 882 | 1,075, 509 | 818, 002 | 52, 003 | 308, 035 | 1,042 | . 131 | 366, 171 | 37, 706 | 56, 740 | 56,793 | 1,748 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |
| Fobruary | $1,081,233$ 919,219 | $1,238,536$ $1,019,100$ | 716,817 751,120 | 47,313 45,919 | 371,872 | 849 | . 106 | 365,532 338,763 | $\begin{array}{r}39,550 \\ 36,015 \\ \hline\end{array}$ | 64,482 <br> 51,720 | 53,761 51,400 | 2,0291,6831 |
| March | 992,756 | 1,052, 248 | 749,371776,589865,072 | 41,858 <br> 44,903 <br> 1 | 373, 610 | 1,135 | . 097 | 370, 561 | 33,781 | 57,790 | 57,939 |  |
| April. | 1, 029,983 | $\begin{aligned} & 1,002,440 \\ & 1,106,410 \\ & 1,239,711 \end{aligned}$ |  |  | 376,913432,849 | 1, 561 | . 092 | 372, 635 | 30,658 | 66,419 | 56, 397 | 1,773 |
|  |  |  |  | $\begin{aligned} & 51,179 \\ & 64,836 \end{aligned}$ |  | 1,164 | . 094 | 430, 356 | 30, 538 | 58,368 | 58, 456 | 1,843 |
| June. | 1,094,918 | $\begin{aligned} & 1,239,711 \\ & 1,314,439 \end{aligned}$ | $\begin{array}{r} 865,002 \\ 1,048,759 \end{array}$ |  | 434, 366 | 1,657 | . 094 | 436,500 | 35, 136 | 54, 569 | 54, 556 | 1,807 |
| July | 1, 050, 696 |  |  |  |  | 1,3441,689 | . 0994 | 426,689475,679 | 41,82348,146 |  | 50,86256,668 | 1,594 |
| August. | $\begin{aligned} & 1,158,805 \\ & 1,162,836 \end{aligned}$ |  | $1,103,5988$ $\mathbf{9 4 0 , 3 8 7}$ | 72,848 64,805 | 473, 257 |  |  |  |  | 56,762 <br> 80 <br> 116 |  |  |
| September |  | $\begin{aligned} & 1,160,763 \\ & 1,163,763 \\ & 1,066,456 \end{aligned}$ | 940,387 730,060 | 64,805 50,315 | 465,155 489,501 | 1,859 1,060 | . 0994 | 466,068 494,763 | 51,198 598 | 60,116 63,210 | 60,540 63,897 | 1,886 2,511 |
| November | 1, 160,368 | 1, 250,873 | 772, 672 | 54, 243 | 436, 960 | 1,678 | . 090 | 445, 008 | 70, 010 | 52, 543 | 52, 852 | 2, 888 |
| Decembe | 1, 038, 042 | 1, 231, 040 | 910,816 | 65, 366 | 415, 516 | 1,924 | . 082 | 423,351 | 79, 232 | 64, 869 | 56, 026 | 4, 012 |
| Monthly average. | 1,0 | 1, 182, 084 | 876,923 | 56, 509 | 419,731 | 1,403. | . 095 | 420, 483 | 46,302 | 65, 992 | 56, 121 | 2,111 |
| 1934 | 1, 271, 727 | 1,464, 873 |  |  | 489, 292 | 1,389 |  | 492,753 | 72,948 | 56, 556 | 56,799 | 4, 183 |
| February | 999, 728 |  | 1,047, 650 $1,043,345$ | $71,359$ | 438,846463,983 | 1,762 | . 089 | 431,000 | 64,745 | 48, 808 |  |  |
| March | 1, 052, 069 | 1,014,741 | 944,500 | 55, 631 |  | 2,670 | . 092 | 454, 651 | 55, 848 | 52,040 | 51,097 | 3,052 2,024 |
| April | 1, 015, 194 | 1, 057,347 | $\begin{aligned} & 934,883 \\ & 920,316 \end{aligned}$ | $\begin{aligned} & 51,827 \\ & 52,599 \end{aligned}$ | 448,930489,808 | 2,0631,5141 | . 099 | 437,914493,769 |  | 47,67847,167 | 46,97647,2864 | 1,2811,363 |
| May. | 1, 084,396 | $\begin{aligned} & 1,240,731 \\ & 1,141,917 \end{aligned}$ |  |  |  |  | . 112 |  |  |  |  |  |
| June. |  |  | $\begin{aligned} & 920,316 \\ & 931,709 \end{aligned}$ | $\begin{aligned} & 52,599 \\ & 61,28 \end{aligned}$ | 496, 808 461,504 | 1,356 | . 113 | 493,769 463,008 | 42,546 45,471 | 47,167 45 | 47, 4846 | 1,363 1,450 |
| July.. | $\begin{array}{r} 970,911 \\ 1,082,413 \end{array}$ | $\begin{array}{r}1,1865,603 \\ \hline 978,640 \\ \hline\end{array}$ | 994,382881,038 | 78,26690190 | 429, 691 | 2, 250 | . 114 | 443, 634 | 61,545 | 47,467 | 47,567 | 1,518 |
| August.- |  |  |  |  | 454,209 <br> 460 <br> 88 | ${ }_{2}^{2} 238$ | . 125 | 468, 626 | 80, 075 | 57, 220 | 57,343 | 1,608 |
| September | 1958, 450 | 953,810 | ${ }_{8282} 216$ | 104, 967 | +60, 583 5223 | 1,683 1,638 | . 131 | 635, 060 | 92, 575 | 65, 171 | 56,023 | 2,400 |
| October--- | 1, 086, 181 | 1, 204, 037 | 921, 211 | 112, 831 | 464, 578 | 1,981 1,961 | .123 | 481, 484 | 122,953 | 60,807 | 52, 452 |  |
| Decemb | 960, 150 | 1, 122, 528 | 1,077, 203 | 126, 033 | 422,823 | 1,360 | . 123 | 429, 824 | 140,940 | 60, 678 | 50,625 | 4,560 |
| Monthly average. | 1, 088, 135 | 1, 121, 470 | 948, 072 | 81,429 | 463, 880 | 1,824 | . 114 | 486, 849 | 78, 303 | 51, 007 | 62, 001 | 2, 000 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| February | 999,205 | 983, 603 776,184 | 1, 9281,112 | 109,715 89,495 | 462,734 364,967 | 1,342 1,164 | .157 .175 | 344, 678 | 127,097 | 53,665 45,856 | 52,990 45,600 | 3,819 <br> 3,506 |
| March. | 825,827882,013 | 780, 255 | 912, 530 | 78, 482 | 320, 427 | 1,285 | . 184 | 372, 753 | 98, 550 | 56,365 | 56, 179 | 3,218 |
| April |  | 799, 377 | 812,993 | 66, 298 | 405, 268 | 1,045 | . 192 | 374, 558 | 77, 559 | 61,259 | 61, 115 | 3,031 |
| May. | 917,445 | 842,746 | 716, 789 | 57.049 | 425, 522 | 1,084 | . 191 | 404, 143 | ${ }^{63}, 523$ | 64, 862 | 64,678 | 2,818 |
| June. | 807, 908 | 744, 465 | 640,713 | 52,697 | 380,687 | 623 | . 174 | 366, 834 | 55,653 | 56, 361 | 55, 946 | 2,376 |
| July...- | 871, 323 | 779, 631 |  |  | $416,360$ |  | . 170 |  |  |  |  |  |
| August | 876,235 833,715 | 817,701 | 478,275 421,622 | 50,467 49,065 | 471, 179 472,169 | 1,193 | . 179 | 463,641 465,982 | 47, 482 | 63,986 <br> 60,255 | 63,641 59,941 | 1,730 |
| October | 1, 014,585 | 992, 142 | 402, 294 | 53, 497 | 546, 738 | 1,013 | . 169 | 559, 057 | 65, 464 | 69, 367 | 69, 883 | 1,968 |
| November | 914, 560 | 958, 059 | 448, 224 | 63, 284 | 473, 090 | 1,041 | . 166 | 492, 494 | 91, 164 | 54,965 | 55,702 | 2,661 |
| December | 914, 417 | 1, 022,968 | 563, 106 | 74, 376 | 464, 311 | 604 | . 178 | 472, 484 | 108, 210 | 54, 837 | 55, 235 | 3, 025 |
| Monthly"average. | 888, 150 | 856, 131 | 601, 478 | 66, 167 | 439, 620 | 1,051 | . 176 | 430, 569 | 78,416 | 68, 471 | 68, 389 | 2,638 |

For footnotes see p. 171.

FOODSTUFFS－MEATS（PORK），POULTRY AND EGGS

| Year and Monte | PORK（INCLUDING LARD） |  |  |  |  |  |  |  |  |  |  | POULTRY AND EGGS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Appar- } \\ \text { ent } \\ \text { eon- } \\ \text { sump- } \\ \text { tion 1 } \end{gathered}$ | Exports＊ |  | Wholesale prices ${ }^{\text {a }}$ |  |  | Production （inspectedslaughter） slaughter） |  | Stocks，cold storape， end of month |  |  | Eggs |  |  | Poultry |  |
|  |  | Tot | Lard | Smokedhams（Cago）chit | Lard，in tierces |  |  |  | Re－ 5 mar： kets ${ }^{\text {8 }}$ | Stocks，cold storage，end of month ？ |  | $\begin{gathered} \text { Re- } \\ \left.\begin{array}{c} \text { cectips, } \\ S^{2 m a r} \\ \text { kets } \end{array} \right\rvert\, \end{gathered}$ | Stocks， ${ }^{\text {cold－}}$ hold－ ings， month |
|  |  |  |  |  |  |  | Total | Lard |  | Total | Fresh $\underset{\text { cured }}{\text { and }}$ | Lard |  |  |  |  |
|  | Thous．of pounds |  |  | Dollars per pound |  |  | Thousands of pounds |  |  |  |  | Thous．otcases ${ }^{\text {b }}$ |  | Thous．of pounds |  |  |
| 1913 m |  | $\left\lvert\, \begin{array}{r} 85,065 \\ 68,060 \\ 114,039 \\ 120,941 \\ 108,942 \\ 187,142 \\ 187, ~ 658 \end{array}\right.$ | $\begin{aligned} & 44,682 \\ & 36,501 \end{aligned}$ | $\begin{aligned} & 0.166 \\ & .167 \end{aligned}$ | 0.110 |  | 477， 117 <br> 450， 851 <br> 565， 691 <br> 449,570 <br> 583 <br> 154 | －－ | ．．．．．． | －－．．．．．．－．．．．．．． |  | ．．．． |  | ．．－－－ | ． | －．．．．． |
| 1915 monthly a |  |  |  |  | ． 094 | －－－－－－－ |  | －．．．．． |  |  |  |  |  |  | ． |  |
| 1916 monthly a | 431， 8 |  | 36， 565 | $\begin{aligned} & .1850 \\ & .12525 \\ & .252 \end{aligned}$ | $\begin{aligned} & .195 \\ & .217 \\ & .195 \end{aligned}$ |  |  |  |  | $-558,-802$ | $\begin{gathered} -85,741^{\circ} \\ 74,117 \end{gathered}$ |  | $\begin{aligned} & 3,069 \\ & 3,504 \\ & 3,367 \end{aligned}$ | $\begin{gathered} 4,930 \\ 10,621 \\ 12,071 \\ 12,07 \end{gathered}$ |  |  |  |
| 1918 monthlil monthly av | 343，488 |  | 45， 35 |  | $\begin{array}{r} 217 \\ .255 \end{array}$ | －．．．．．．．． |  |  |  | ${ }_{74,364}$ | $\begin{aligned} & 74,117 \\ & 90,969 \end{aligned}$ |  |  |  |  | 441，032 |
| 1919 monthly A | 383， 581 | 219， 803 | 63，408 | .343.384.268.68 |  |  | 588， 8 |  | 920，922 | 828，710 92， 212 |  | 24 | $\begin{aligned} & 4,156 \\ & { }_{3}^{3}, 261 \end{aligned}$ | $\begin{aligned} & 14,871 \\ & 188,868 \end{aligned}$ | ${ }^{18} 12385$ |  |
| 1920 monthly av | 417， 436 | 128， 1298 | ${ }_{72,}^{51,021}$ |  |  | －－．．．．． | 560,22618,278 | －114，942 | 761， 18 | － |  | 1， 1,231 |  |  |  |  |
| 1922 monthly av | 481， 375 | 123，912 | 63 ， | ． 28.284 | $\begin{aligned} .1115 \\ 1102 \end{aligned}$ |  |  |  | 647， 594 |  |  |  | ${ }^{4,171}$ | 24， 562 |  | 54,276 688,045 |
| 1923 monthly av | 600， 103 | ${ }_{139}^{1059} 483$ | －86，282 |  |  | －． | 765， 788 | 164， 219 | $\begin{aligned} & 837,352 \\ & 827,581 \end{aligned}$ | 737， 726 | 89， 885 | 1，284 | 4，593 | 27，426 | 30， 265 | 64， 000 |
| 1925 monthl | 524， 712 | 102， 260 | 57， 02 | ． 271 | ． 168 |  | 610，226 |  | 753， 880 | 645， 460 108， 220 |  | ${ }^{295} 5.309$ |  | 31， 610 |  | $\begin{aligned} & 82,050 \\ & 70,30 \\ & 79,016 \\ & 67,595 \\ & 74,341 \\ & 70,739 \\ & 65,713 \end{aligned}$ |
| $\mathrm{m}^{\mathrm{m}}$ | 558， 796 | －33，${ }^{\text {32，}}$ | 56，${ }^{58,246}$ | －246 | ． 1129 | 0．145 | ${ }^{644,}$ | 126， 729 | ${ }_{771}{ }^{646}$ ， | 6691， |  | 1，351 | ${ }^{4,941}$ | 37， 5748 |  |  |
| 1928 monthly | 610， 872 | ${ }^{901,393}$ | 63，310 | 228 | ． 123 | ． 122 | 714，941 | 145， 812 | 883， 736 | 742， 905 | 140，742 | 1，346 | 5，338 | ${ }_{62,366}$ | 22， 650 |  |
| 1929 monthly 19 |  | 77， 781 | 53，541 | ：230 | ． 1120 | ． 119 | 643， 143 | 126， 763 | 910， 848 | 602， 607 | 164， 819 | ${ }_{1}^{1}, 347$ | $\stackrel{4}{4.973}$ | － | ${ }_{\substack{32 \\ 31,490}}$ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 5，228 |  | 32，923 |  |
| 1932 |  |  |  | $\begin{aligned} & .138 \\ & .148 \\ & .144 \\ & .146 \\ & .136 \\ & .136 \end{aligned}$ | ． 055 | ． 070 | 860，315． | 171，331 | 752， 581 | 674， 151 | ${ }^{78,430}$ | ${ }^{936}$ |  |  |  |  |
| unry． |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }_{68,}^{72,49}$ | 25,197 20,530 | 111， 554 |
| March． |  |  |  |  | ：051 | ． 059 | 629， 220 | 130， 158 | 897， 832 | 792，197 |  | 1，${ }^{1}$ ， 35 |  | 69， 031 | 19， 169 |  |
| April． |  |  |  |  | ． 044 | ． 053 |  | （137，816 |  | 795，866 | $\xrightarrow{128} 1103$ | 1,971 | 2，2，382 <br> 5,380 | 94，978 | 18，763 |  |
| June． |  |  |  |  |  | ． 056 |  |  |  | 724， 271 |  | 1，496 | 6，339 | 100， 485 | 20，460 | 346，${ }^{4461}$ |
| July－－－ | 551， 130 | 48,722 <br> 42,815 <br> 1 | ${ }^{34,886} 34,973$ | ． 131 | ． 054 | ． 0669 | 509,181 5361291 | 103，411 | 784， 670 | 643， 052 | 121，618 | 1，082 | 31 | 99， | ${ }^{78}$ | $\begin{gathered} 31,471 \\ 30,305 \\ 36,689 \\ 54,899 \\ 91,118 \\ 111,642 \end{gathered}$ |
| Septemb | 623， 785 |  |  |  | ：054 |  | 571，476 | ${ }^{105,696}$ | 688， 009 | 493， 253 | 70，656 | ${ }^{1} 853$ | 4，895 | ${ }^{84}$ ， | ${ }_{21,739}$ |  |
| Octob | 646， 227 | 62， 827 | －53，53， | ． 126 | ． 048 | ． 065 | 607，${ }^{\text {a }}$ 2 | 112063 | 467，958 | 433， 548 | 34， 410 | ${ }^{738}$ | 3，225 | ${ }^{74,314}$ | 32，140 |  |
| November | －631， 862 | ${ }^{47,} 5658$ | 35,897 49,919 | ． 118 | ． 04036 | ．065 | ${ }^{8439,476}$ |  | ${ }^{4331,644} 6$ | 490， 850 | 29，706 | 605 | 1，199 | 年5， 330 | 74， 786 |  |
| Monthly average | 804， 208 | 65，703 | 45， 51 | 188 | ． 050 | ． 082 | 652， 445 | 131， 122 | 724， 249 | 697， 202 | 87，04s | 1，148 | 3， 183 | 79，748 | 30，482 | 64，761 |
| 193 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February | ${ }_{\text {8234，}}^{8379} 8$ | －${ }_{6}^{88,684}$ | 78,108 67,773 | ：107 | ． 0446 | ． 055 | 819，${ }_{6} \mathbf{4}$ | 175，438 | ${ }_{6}^{627} 9295$ | 575,084 <br> 609 <br> 221 | 52， 841 | 1，051 | ${ }_{163} 16$ | 46，448 | 30，163 | 104， 8183 |
| March | 561，356 |  | 47，661 | ． 114 | ． 048 | ． 055 | 623，747 | 127， 336 | 671，${ }^{\text {a }}$ | 610， 240 | 661，674 | 1，639 | 1，833 | 45， 090 | 117， 789 | 67， 285 |
| ${ }^{\text {Appril}}$ | － 5966 651 |  | 38，741 | ． 116 | ．049 | ． 033 |  | －${ }_{\text {139，}}^{1366}$ | 702，${ }^{7025}$ | 630， 360 | 71， 898 | 2， 281 | 4，857 | ${ }_{6}^{62,944}$ | cis， | 43，${ }^{4824}$ |
| May | 605， 883 | 52，094 | 37， 441 | ． 128 | ． 066 | ：071 | ${ }_{823,375}^{780}$ | 171，519 | 946， 880 | 760， 730 | 186， 250 | ${ }_{1}^{1,575}$ | $\xrightarrow{8,364}$ | 103，019 | ${ }_{24,086}^{2,123}$ | 38,731 42,705 |
| July－． | 576，467 | 61， 112 | 36，200 | ． 132 | ${ }^{073}$ | ． 074 | 707， | 148，330 | 1，027 | ${ }^{808,3}$ | 219， 25 | 1，152 | 9，507 | 107， 6 | 22，121 |  |
| August．－ | 6887， 665 | ${ }^{49,157}$ | 35，744 | ． 132 | ．060 | ：067 | 631，418 | 129，085 | ${ }^{9822,1}$ | 736， | 224，476 | 733 | ${ }_{8}^{8,4644}$ | ${ }_{03,182}^{102,49}$ |  |  |
| October | 652， 097 | 61， 864 | 49， 812 | ． 122 | 057 | ． 069 | ${ }_{518}{ }^{\text {512，24 }}$ | ${ }^{988}$ ， 180 | 627，001 | 493，308 | 133， 693 | 651 | 5，175 | ${ }^{82}$ 2， 302 | 32， 0988 | 59， 528 |
| November | 670,866 567,657 | 6，${ }_{6}^{63,705}$ |  | ． 119 | 0059 051 0.0 | ． 071 | ${ }^{752,912}$ | 143， 989 | ${ }^{6462}$ 6，531 | ${ }_{529}{ }^{\text {a }}$ ， 545 | 116， 137 | 513 | 2，641 | ${ }^{72}$ 2， 348 | 80，502 | ${ }^{912,213}$ |
| December | 567，657 | 67，613 | 54， 838 | ． 119 | 051 | ． 059 | 751， 683 | 150， 287 | 762， 206 | 629，696 | 132，510 | 690 | 731 | 61，419 | 70， 640 | 123，503 |
| Monthly average | 800， 002 | 60， 523 | 48， 281 | ． 121 | 057 | 084 | 886， 470 | 139，939 | 772，001 | 642， 017 | 129， 984 | 1，219 | 4，902 | 75， 22 | 32， 502 | 67，063 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {February }}$ | 712， 7276 | 50，${ }_{\text {che }}^{62}$ | cis，${ }_{\text {36，} 202}$ | ． 118 | ．057 | ． 067 | $\xrightarrow{915,320} 5$ | ${ }_{115,4}^{18,4}$ |  | 730，404 | 168， | 808 | 50 90 | 49，910 | 31，531 | 120,17 1017 |
| March | 536， 046 | 52， 114 | 39， 4 | ${ }_{1} 138$ | 067 | ． 077 | 508， 983 | ${ }^{99} 9612$ | 830， 997 | 657， 222 | 173， 775 | 1， 1,824 | 1，208 | 38，679 | 16， 435 | 74， 1197 |
| Ap | ${ }^{6181}$ 61888 | 49， 761 | 39,350 <br> 6,167 <br> 1 | ．1388 | ${ }_{066}^{071}$ | ． 073 | 572,457 699 686 | 113，056 | 835， 185 | 656， 087 | 179， 08 | 2，061 | 4，${ }^{\text {c，}}$ | 6i， 632 |  | ${ }^{49,212}$ |
| June． | 577，166 | 66， 241 | ${ }^{\text {41，}} 008$ | ． 156 | ${ }_{0} 068$ | ．073 | ${ }_{633} 690 \times 2$ | 124， 069 | ${ }_{823,560}^{823,808}$ | 628， 225 | 195， 135 | 1，452 | 8，965 | 116， 518 | 22， 75. | 40， CHO |
| July． | 493， 758 | 61，243 | 33， 466 | ${ }_{\text {．}}^{172}$ | ． 072 |  | 574,402 452 472 | 107， 133 | ${ }_{\text {853，}}{ }^{503}$ | ${ }^{643} \mathbf{5} 566$ | ${ }^{209}$ 16， | 1，009 | ${ }^{8} 8981$ | 121，564 | 22，417 | 4， 404 |
| ${ }_{\text {Aupute }}$ | ${ }^{\text {442，} 695}$ | 41， 45 | ${ }^{29,5068}$ | ． 1184 | ．090 | ． 1109 | ${ }_{4}^{4527,672}$ | － 78.125 | ${ }_{\text {cis2 }}{ }_{674}^{709,165}$ | 524， 220 | lint， 1255 | ${ }_{865} 8$ | ci，7,838 <br> 6,813 | ${ }^{1129}$ | ${ }_{24}^{21,881}$ |  |
| October | 568， | 35，737 | 26， 870 | 170 | －101 | ． 108 | 56i， 645 |  | 610， 256 | 504，737 | 105， 519 | 685 | ${ }_{4}^{4}$ 4，123 | 88，715 | 31，333 | 461 |
| November－ | 576， 766 | 25，${ }^{34,023}$ | 19,739 <br> 16,170 | ． 161 | ． 1122 | ． 1131 | 642， 680 | 108， 7827 |  | 6857， 683 | 118， 107 | \％89 |  |  |  | （105， 168 |
| Monthly average．． | 650， 348 | 48，786 | 96，988 | ． 152 | ． 083 | ． 090 | 802， 820 | 111，733 | 786， 740 | 828，808 | 158， 934 | 1，193 | 4， 611 | 80， 299 | 28，918 | 3， 579 |
| 193 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January． | ${ }^{182,808}$ | 27，419 | 17,667 <br> 15,880 | $\begin{array}{r}168 \\ .176 \\ \hline\end{array}$ | ． 1136 | ． 144 | ${ }^{4855} \mathbf{7 8 7}$ | 78， 405 61221 | 780,481 77685 789 | ${ }^{667,984}$ | （12， 1478 | ${ }_{8}^{750}$ | ${ }_{34}^{39}$ |  | 23，641 | 122， 285 |
| March－－ | 377， 38 | 19， 324 | 15， 136 | ． 180 | － 1448 | ． 1148 | ${ }^{3851,902}$ | 㐌5， 643 | ${ }^{\text {che }}$ | 627， 346 | 101， 934 | 1，1488 | 1， 0.08 | 30， | 13， 1312 | 8，3，73 |
| April | 415，48， | li，${ }_{20,294}^{14,78}$ | 7， $\begin{aligned} & 7,193 \\ & 9,740\end{aligned}$ | ． 2035 | ． 1141 | ． 1448 | ${ }_{\text {3 }}^{363,654}$ | 57， 5888 | ${ }_{\text {c }}^{663,105}$ | 561， 581 |  | 1， 1 | 3，901 |  | 11， 1188 |  |
| Junc．－． | 370，858 | 15， 041 | 6，877 | ． 213 | ． 147 | ． 154 | 321，685 | 49， 102 | 529， 887 | 445，307 | 34， 080 | 1，503 | 7，693 | 107， 937 | 18， 615 | 47，051 |
| ${ }_{\text {July }}$ | 395，039 | 13，413 | 4，915 | ${ }_{224}^{228}$ | ． 1681 | ． 1158 | 315，213 <br> 290 <br> 19 | 45， 772 | ${ }_{\text {cter }}^{438,345}$ | 369，${ }^{\text {a }}$ 210 | 68，435 | 1，170 | 7，甠7 | 116， 274 | 188，046 | －11， 269 |
| Soptomb | 301， 300 | ${ }_{6}{ }^{213}$ | 1，515 | 279 | ． 169 | ： 177 | 250， 570 | 34， 387 | 322， 955 | ${ }^{277}$ ， 605 | 45， 350 | 781 | 6，353 | 93， 653 | 21， 783 | 39， 321 |
| Oetob | 3：3， 4 | 7，${ }^{7}$ ， 1242 | 边， 731 | ． 2680 | ． 131 | ． 114 | 363， 102 | 47， 878 | ${ }_{2}^{281}$ 2，365 | 240， 663 | 40， 762 | 704 | 4， 614 | 88， 118 | ${ }^{28,332}$ | 53，156 |
| Decomber． | 395， 269 | 12， 832 | 7， 7 733 | ． 273 | $\stackrel{138}{17}$ | 144 <br> 134 <br>  <br>  | 4095， 250 | － | 291，495 | － |  | 641 784 | $\xrightarrow{2,738}$ | \％9，${ }^{793}$ | ¢ | － |
| Month | 388， 059 | 25， 50 | 8，030 | 225 | ． 145 | ． 163 | 387 | 65， 1 | 614， 259 | 439，079 | 75， 181 | 1，114 | 4， 122 | 78，9 | 25，496 | 69，371 |

For footnotes see p． 171.

FOODSTUFFS-TROPICAL PRODUCTS


For footnotes see p. 171 ,

FOODSTUFFS－TROPICAL AND MISCELLANEOUS PRODUGTS

| $\begin{aligned} & \text { Year and } \\ & \text { Month } \end{aligned}$ | BAW SUGAR |  |  |  |  |  | REFINED SUGAR |  |  |  |  |  |  |  | TEA |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Culba | United States |  |  |  |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { On } \\ & \text { 充 } \\ & \text { Ean } \end{aligned}$ | 感 |  |
|  |  |  |  | Recelpts |  |  | 最 |  |  | Recelpts |  |  | Shipments， 2 ports $\cdot$ |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 區 | \％ |  |  |  |  | 思 |  |  |  |  |  |  |  |
|  |  |  |  |  | 㽞 |  |  |  |  | Eve |  |  |  |  |  |  |  |
|  | Thous． long tons | Long tons | Dolls． per lb． | Long tons |  |  |  | Dolls．per lb． |  | Long tons |  |  |  |  | Thous． of lbs． | Dolls． per lb． | Thous． of lhs． |
| 1913 mo ． |  |  | 0.035 | 66，890 | 175， 664 |  | 1，926 | 0.049 | 0.043 |  |  |  |  |  | 7，418 | 0． 249 |  |
| 1914 mo．av |  |  | ． 038 | 67，984 | 201， 437 |  | 14， 524 | ． 0553 | ． 047 |  |  |  |  |  | 8，1．51 | ． 248 |  |
| 1915 mo．av |  |  | ． 047 | 69，756 | 190， 569 |  | 35， 847 | ． 059 | ． 056 |  |  |  |  |  | 8， 8431 | ． 240 |  |
| 1916 mo．av | 381578 |  | ． 058 | 75， 688 | 205， 716 |  | 58， 655 | ． 075 | ． 067 |  |  |  |  |  | 8 8，731 | 240 |  |
| 1917 mo．av |  |  | ． 063 | 80， 881 | 183， 802 |  | 37，604 | ． 088 | ． 077 |  |  |  |  |  | 10，566 | ． 316 |  |
| 1918 |  |  | ． 064 | 65， 951 | 192， 219 |  | 15， 152 | 094 | 078 |  |  |  |  |  | 11， 202 | ． 358 |  |
| 1919 mo．av | 408 | 335， 011 | ． 075 | 69，322 | 261， 149 | 115， 706 | 54， 888 | ． 104 | ． 089 |  |  |  |  |  | 6，747 | ． 353 |  |
| 1920 mo．av |  | 347， 100 | ． 130 | 70， 803 | 298， 688 | 106， 017 | 34， 381 | ． 182 | ． 126 |  |  |  |  |  | 7，521 | ． 337 |  |
| 1921 mo．av． | 1，050 | 300,300 <br> 432,400 <br> 48 | ． 048 | 74， 572 68,436 | 222,005 362,040 | 150,497 191,101 | －${ }^{34,739} 8$ | ． 077 | ． 062 |  |  |  |  |  | 6，374 | ． 240 |  |
| 1923 mo ． |  | 354， 400 | ． 070 | 83， 575 | 286， 802 | 175， 770 | 16， 552 | ． 094 | ． 084 |  |  |  |  |  | 8，762 | ． 310 |  |
| 1924 mo．a | ${ }_{823}^{615}$ | 384， 900 | ． 060 | 79，142 | 307， 724 | 184， 473 | 16， 387 | ． 084 | ． 075 |  |  |  |  |  | 7，731 | ． 316 |  |
| 1925 mo． | 1，185 | 434， 400 | ． 043 | 100， 257 | 332， 711 | 202， 648 | 28， 226 | ． 064 | ． 055 |  |  |  | 40， 488 | 15， 486 | 8，414 | ． 350 |  |
| 1926 mo．av | 1， 423 | 437，300 | ． 043 | 96， 486 | 350,449 313 | 323，541 | 7， 957 | ． 0661 | .055 .058 .05 |  |  |  |  | 23，314 | 7，934 | ． 355 |  |
| 1927 mog av 1928 mog | 1，533 | 410， 100 | ． 047 | 1 | 313,669 287,835 | 287， 659 <br> 449,738 | 9， 314 | ． 0663 | ． 058 | 2，172 |  |  | 41，959 | 26，${ }^{21,82}$ | 7，431 7,485 | ． 3212 |  |
| 1929 mo ．av | $\begin{aligned} & 1,593 \\ & 2,458 \end{aligned}$ | 399， 210 | ． 038 | 99，395 | 363， 713 | 708， 887 | 7，637 | ． 059 | ． 051 | 4，018 |  |  | 43， 864 | 21， 698 | 7，448 | ． 318 | 217， 158 |
| 1930 mo ．av |  | 392， 1100 | ． 033 | ${ }_{121}^{117,730}$ | 2660， 019 | 486,241 340,554 | 5，790 3,916 | ． 055 | ． 044 | 6,900 7,128 | 19， 235 |  | 39,837 41 | － 29.198 | 7,077 7,228 | ． 273 | 335， 008 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January．－ | 1，799 | 263， 800 | ． 031 | 93， 141 | 196， 150 | 182， 257 | 3，365 | ． 051 | ． 041 | 10， 014 | 9，985 |  | 27， 143 | 20，550 | 10，028 | ． 215 | 248， 300 |
| February | 2， 522 | 264，700 | 029 | 172， 792 | 264， 585 | 283， 659 | 4， 143 | ． 051 | ． 041 | 9，380 | 24，091 |  | 27，632 | 18，589 | 6，304 | ． 215 | 240， 400 |
| March．．． | 3， 202 | 313， 400 | ． 028 | 184,041 | 330， 891 | 396，${ }_{\text {314，}}$ | ＋ | ． 048 | ． 039 | 12， 678 | 43，${ }^{435}$ |  | 39， 295 | 19，449 | 7,465 <br> 5,774 | ． 183 | 213， 300 |
| May．． | 3， $\begin{aligned} & \text { 3，} 155 \\ & 2,922 \\ & 2,06\end{aligned}$ | 342， 200 | ． 026 | 226， 859 | 229， 812 | 483， 487 | 5，538 | ． 045 | 037 | 12， 802 | 40， 086 |  | 48， 096 | 24， 222 | 4，666 | 185 | 182， 100 |
| June． |  | 364， 500 | ． 028 | 160， 147 | 154， 269 | 433， 151 | 5，345 | ． 045 | ． 037 | 11， 121 | 36， 003 |  | 56， 196 | 21， 387 | 7，277 | ． 163 | 182，200 |
| July ．－ | 2，666 | 382，700 | ． 030 | 150， 815 | 189， 193 | 380， 430 | 3，713 | ． 046 | ． 040 | 8，557 | 33，288 |  | 55， 635 | 22， 192 | 6，278 | ． 175 | 183， 000 |
| Augrst．－ | 2,195 <br> 2,038 <br> 1 | ${ }^{395} 800$ | ． 032 | 141， 275 | 326， 859 | 393，734 | 2,788 2 2 | ． 048 | ． 041 | 10， 093 | 41，710 |  |  | 23， 537 | 8， 004 | ． 175 | 202， 700 |
| September |  | 361， 700 | ． 031 | 107，743 | 220， 721 | 313， 6780 | 2，526 | ． 048 | ． 042 | 8,305 6,188 | 30，066 |  | 37，727 | 22，189 | 9， 90.45 | ． 175 | 219， 100 |
| October．．． <br> Novamber | 1， 8138 | 304,100 241,400 | ． 032 | 87,802 46,544 | 151,139 139,146 | 256， 180 193,899 | 3,538 2,969 | ． 049 | ． 0412 | 6,188 608 | 31,565 33,111 |  | 33， 23.8 | 24， 17.903 | － $\begin{array}{r}9,353 \\ 10,364\end{array}$ | ． 175 | 239,000 263,800 |
| December | 1，535 | 198， 900 | ． 029 | 37， 213 | 136， 805 | 152， 131 | 2，616 | ． 049 | ． 041 | 3，883 | 32， 198 |  | 27， 846 | 21， 725 | 9，817 | ． 175 | 285， 800 |
| Monthly av． | 2，412 | 311， 400 | 029 | 138， 777 | 221，036 | 330， 282 | 3，646 | ． 048 | ． 040 | 8，737 | 39，458 |  | 38， 521 | 21， 403 | 7， 804 | 185 | 219， 300 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January－．． | 1，444 | 227,000 226,200 | ． 027 | 86,809 125,149 | 170,779 163,821 | 147,879 200,163 | $\stackrel{\text { 2，}}{2,768}$ | ． 049 | ． 039 | 11， 167 | 27，830 |  | 25，792 | 17，577 | 9,038 5,705 | ． 175 | 205,500 292,100 |
| March | 2，911 | 321， 400 | ． 030 | 170， 909 | 260， 157 | 281， 051 | 3，325 | ． 048 | ． 041 | 11， 505 | 49，405 |  | 32， 547 | 15， 670 | 6，635 | ． 175 | 275， 600 |
| April． | 2， 882 | 353， 800 | ． 031 | 227，499 | 308，660 | 367， 545 | 2，921 | ． 048 | ． 042 | 13，951 | 45， 344 |  | 44， 797 | 16， 073 | 7，06i7 | ． 175 | 262，400 |
| May－． |  | 393， 600 | 033 | 185， 062 | 305， 753 | 426， 714 | 3， 090 | ． 049 | ． 044 | 12，369 | 34， 328 |  | 55，386 | 19， 727 | 7，295 | 175 | 257， 400 |
| June． | 2， 2387 | 387， 100 | 034 | 164， 316 | 261，515 | 448， 183 | 3， 625 | ． 049 | ． 045 | 11，095 | 29， 275 |  | 46，368 | 20，912 | 5，846 | ． 175 | 244， 800 |
| July | 2，386 | 374，000 | ． 035 | 158， 039 | 311，651 | 498， 052 | 3， 513 | ． 054 | ． 046 | 12，224 | 46，963 |  | 48， 539 | 16，921 | 8，909 | ． 175 | 234，400 |
| August．．－ | 2，213 | 379,000 297,600 | ． 035 | 99， 100 | 169,933 177,152 | 369，780 | 4,062 4,020 | ． 052 | ． 0446 | 13，968 | 38， 454 |  | 49，993 | 22， 21027 | $\begin{array}{r}11,575 \\ 9,496 \\ \hline\end{array}$ | ． 175 | 235， 100 |
| September | $\begin{aligned} & 1,598 \\ & 1,598 \\ & 1,292 \end{aligned}$ | 297，600 | ． 033 | 108， 638 | 177， 152 | 311， 462 | 4,020 4,427 | ． 053 | ． 046 | 11，${ }_{\text {1，271 }}^{4} \mathbf{2 7 9}$ | －27，971 |  | 37，${ }^{392}$ | 21， 231 | 9，496 10,929 | .175 .175 | 235， 300 |
| November |  | 237， 900 | ． 032 | 53， 354 | 160， 908 | 248， 054 | 4，900 | ． 052 | ． 044 | 513 | 29， 664 |  | 25， 250 | 12，439 | 6，418 | ． 175 | 254， 500 |
| Decembe | 1，212 | 166， 400 | 032 | 30，840 | 105， 123 | 203， 513 | 5，965 | 052 | ． 043 | 873 | 27， 268 |  | 26， 893 | 15，825 | 7，670 | 175 | 260， 800 |
| Monthly av．． |  | 309， 600 | ． 032 | 122， 745 | 213， 848 | 316， 068 | 3，767 | ． 050 | ． 043 | 9， 677 | 38， 471 |  | 37， 663 | 18， 180 | 8， 048 | ． 175 | 258，700 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 9261,335 | 220， 700 | ． 032 | 79， 790 | 179，096 | 256， 031 | 3， 605 | ． 055 | ． 042 | 13， 203 | 30，985 |  | 28， 282 | 15，600 | 6，938 | ． 181 | 275． 100 |
| February |  | 255,300 310,500 | ． 033 | 192， 519 205,889 | 117， 666 | 201， 644 408,345 | 4,187 4,248 | ． 0551 | ． 044 | 9，981 <br> 13,596 | 16,478 10,879 |  | 33， 885 | 11， 524 | 4，696 <br> 6,758 | ． 185 | 265,800 261,500 |
| April． | 1， 8 ， 422 | 278， 400 | ． 028 | 155， 446 | 216， 890 | 516， 505 | 4，246 | ． 051 | ． 044 | 15， 294 | ${ }^{\mathbf{9}, 913}$ | 1 | 29， 518 | 18，690 | 4，493 | ． .193 | 239， 200 |
| May．－ | $\begin{aligned} & 2,475 \\ & 2,364 \end{aligned}$ | 314， 100 | ． 028 | 146， 258 | 291， 228 | 561， 680 | 5,612 | ． 051 | ． 041 | 14， 180 | 16，473 | 21， 512 | 50，901 | 10， 738 | 4，389 | ． 109 | 222，000 |
| June．－ |  | 375， 500 | ． 029 | 149， 087 | 197， 573 | 537， 831 | 4，649 | ． 052 | ． 045 | 12，386 | 21， 226 | 3，323 | 40， 450 | 12， 122 | 5， 419 | ． 215 | 212， 200 |
| July | 2.212 | 313， 900 | ． 032 | 188， 105 | 54， 226 | 633， 593 | 6， 376 | ． 055 | ． 047 | 11，039 | 18，317 | 590 | 49， 973 | 8，565 | 6， 471 | ． 215 | 208， 900 |
| August | 2,0411,764 | 288， 700 | ． 033 | 73,181 | 91， 207 | ${ }^{626,798}$ | 9，494 | ． 055 | ． 047 | 5 536 | 13， 439 | 0 | 44，971 | 4,415 10 1056 | 9，193 | ． 215 | 219,400 23,500 |
| Oeptomber |  | 355，700 | ． 029 | 98,415 49,393 | －683，942 | 501，240 | 13， 369 | ． 055 | ． 047 | 3， 089 | 134， 194 | 2，${ }^{0}$ | 55， 4787 | 10，565 | 7，426 | ． 215 | 232,500 257 |
| November． | 1， 1,345 | 296， 500 | ． 029 | 65，794 | 165， 561 | 456， 679 | 24， 453 | ． 053 | ． 045 | 670 | 4，911 | 2，435 | 36， 881 | 23， 429 | 7，668 | ． 215 | 260， 700 |
| December． | ${ }^{1} 983$ | 228， 200 | 029 | 68， 463 | 260， 715 | 718， 953 | 21， 461 | ． 052 | ． 043 | 2， 528 | 6，343 | 53 | 37， 414 | 25，969 | 6， 015 | ． 215 | 279， 200 |
| Monthly av．． | 1，777 | 301， 800 | ． 028 | 121， 878 | 222，996 | 489， 271 | 10， 150 | ． 059 | ． 044 | 8， 040 | 20， 157 |  | 40， 882 | 14， 835 | 6， 367 | ． 204 | 249， 800 |
| February． | 930 1,780 | 300， 800 | ． 029 | 151， 033 | 139， 442 | 424， 085 | 10， 307 | ． 051 | ． 042 | 18，816 | 18， 385 | 0 | 46， 577 | 15，565 | 6，524 | ． 275 | 280， 800 |
| March | $\begin{aligned} & 2,317 \\ & 2,465 \end{aligned}$ | 342， 400 | ． 030 | 181， 898 | 205， 581 | 492， 247 | 7， 932 | ． 051 | ． 043 | 13， 158 | 15， 263 | 729 | 50，515 | 16，026 | 8，401 | 275 | 267， 200 |
| April． |  | 359，800 | － 033 | 168， 519 | 247， 872 | 567， 039 | 4， 209 | ． 051 | ． 049 | 12，806 | 45， 164 | 4，816 | 59， 109 | 11， 839 | 6， 049 | 275 | 254， 800 |
| May． | 2,230 | 396，800 | ． 033 | 125， 811 | 225， 613 | 50， 028 | 3,187 <br> 5 | ． 053 | ． 052 | 15，028 | 24， 586 | 5，875 | 56，190 | 13，857 | 5.909 | 275 | 233，300 |
| June | 1， 993 | 333， 700 | ． 033 | 163， 091 | 210， 218 | 504， 813 | 5，681 | ． 053 | ． 052 | 16， 260 | 10，361 | 6， 857 | 50， 368 | 14，603 | 5，499 | 275 | 224， 600 |
| July ． | $\begin{array}{r} 1,589 \\ 1,158 \\ 1,076 \\ 979 \\ 9912 \\ 775 \\ 1,518 \\ \hline \end{array}$ | 393， 300 | ． 033 | 117，378 | 326， 510 | 536， 236 | 6，495 | ． 055 | ． 051 | 12，099 | 27，842 | 6， 555 | 58， 606 |  | 5，830 | ${ }_{2}^{275}$ | 217，300 |
| August． |  | 352,200 308,700 | ． 033 | 120， 816 | 511， 025 117,105 | 571， 225 512,518 | 12,450 13,369 | ． 055 | ． 050 | 6，${ }^{6872}$ | 101,105 7,666 | 0 | 50，451 | 13，742 | 6， 621 <br> 8,457 <br> 8 | 275 275 | 216，400 |
| October． |  | 297， 700 | ． 036 | 73， 641 | 82， 044 | 370， 639 | 14， 485 | ． 056 | ． 052 | 1，534 | ， 8 | 0 | 40， 943 | 9，951 | ${ }^{8,326}$ | ． 275 | 224，000 |
| Novernber |  | 249，900 | 035 | 69，960 | 54，844 | 310， 543 | 10．308 | ． 057 | ． 052 | 1， 402 | 2， 298 | 0 | 34， 026 | 15， 842 | 7，867 | ． 275 | 227，700 |
| December． |  | 186， 700 | 031 | 67， 731 | 38，864 | 211， 023 | 4，375 | ． 056 | 52 | 225 | 636 | 693 | 30，630 | 9， 352 | 8，378 | ． 275 | 247，000 |
| Monthly av． |  | 322.075 | ． 038 | 121， 402 | 219，809 | 457， 770 | 8，479 | ． 054 | ． 049 | 9，283 | 25， 550 | 2，129 | 47， 215 | 13，499 | 7，180 | 289 | 241，200 |

For footnotes see p． 171.

FOODSTUFFS AND TOBACCO-MISCELLANEOUS FOOD PRODUCTS AND TOBACCO


For footnotes see pp. 171, 172.

FUELS AND BYPRODUGTS-ANTHRACITE AND BITUMINOUS COAL


For footnotes see p. 172.

## FUELS AND BYPRODUCTS-BITUMINOUS COAL-Continued



For footnotes see p. 172.

FUELS AND BYPRODUCTS-BITUMINOUS GOAL, COKE, AND GRUDE PETROLEUM


For footnotes see p. 172.

## FUELS AND BYPRODUCTS-GRUDE PETROLEUM AND GAS AND FUEL OILS



| Year and Monti | REFINED PETROLEUM PRODUCTS |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Gas and fuel oils |  | Gasoline ${ }^{1}$ |  |  |  |  |  |  |  |  |  |  |
|  | Stoc rs，end of month ${ }^{2}$ |  |  | $\begin{gathered} \text { Ex- } \\ \text { ports } \end{gathered}$ | Prices |  |  | Production |  | $\begin{aligned} & \text { Retail } \\ & \text { distribs } \\ & \text { utions } \end{aligned}$ | Stocks，end of month |  |  |
|  | Residualfucl oil． east or fornia | Gas oil tillate total |  |  | Whole－saledrums，deliveredNewYork | $\begin{aligned} & \text { Whole- } \\ & \text { seale } \\ & \text { refinery } \\ & \text { Okla- } \\ & \text { homa } \end{aligned}$ | $\left\|\begin{array}{c} \text { Retail } \\ \text { service } \\ \text { stations } \\ 50 \text { cities } \end{array}\right\|$ | Natural gasonts | At re- |  | Finished gaso－line to |  | Natural fine |
|  |  |  |  |  |  |  |  |  |  |  | Total | At re－ fineries |  |
|  | Thousands of barrels ${ }^{12}$ |  |  |  | Dollars per gallon |  |  | Thousands of |  | Thous．of gallons | Thousands of barrels ${ }^{13}$ |  |  |
| 1913 monthly average |  |  |  | 373 | 0.168 |  |  | 48 |  |  |  |  |  |
| 1914 monthly average－ |  |  |  | 456 859 | 144 <br> .138 <br>  |  |  | －86 |  |  |  |  |  |
| 1916 monthly average | $\begin{array}{r} 131414,868 \\ 1413,071 \end{array}$ |  | $\begin{array}{r} -7,693 \\ 6,209 \end{array}$ | $\begin{array}{r} 706 \\ 825 \\ 1,110 \end{array}$ | $\begin{gathered} 2330 \\ : 242 \\ .238 \end{gathered}$ | 0.180 |  | $\begin{aligned} & 2052 \\ & 436 \\ & \hline 68 \end{aligned}$ | $\begin{aligned} & 4,085 \\ & 6,066 \\ & 7,054 \end{aligned}$ |  |  |  |  |
| 1918 monthly average－ |  |  |  |  |  |  |  |  |  |  | 0，190 |  |  |
| 1919 monthly avorago |  |  |  |  | ［ $\begin{array}{r}738 \\ 1,272 \\ 1,078 \\ \hline 18\end{array}$ | $\begin{gathered} 295 \\ 2929 \end{gathered}$ |  |  |  |  |  |  | 11， 248 |  |
| 1921 monthy average． |  |  | .173 .138 .138 .188 |  |  |  |  | $\begin{array}{r}698 \\ 7893 \\ 889 \\ \hline\end{array}$ | － 0 ， 1988 |  |  | 15，018 | ．－．．．．．．． |
| 1922 monthly average． |  |  |  | $\begin{aligned} & 1,149 \\ & \hline 1,678 \\ & 20858 \end{aligned}$ | ． 2021 | $\begin{array}{r} 1439 \\ .099 \\ .099 \end{array}$ |  | $\begin{aligned} & 1,004 \\ & 1,620 \end{aligned}$ |  | $\begin{aligned} & 303,435 \\ & 375,448 \\ & 463,698 \end{aligned}$ | － |  |  |
| 1924 montaly average | ${ }^{115} 1923,376$ |  |  |  | 180 |  | 0.191 |  |  |  | －－－－－ | 1035，319 | － |
| 1925 monthly average | ${ }^{18} 24,480$ |  |  |  |  |  |  |  | 21，133 | 366， 116 |  |  | 319 |
| 1926 monthly averag |  | 3，786 | 21， 818 | 3 3， 540 | ． 199 | ． 104 | 210 | 2，692 | 24， 178 |  |  | 39，664 | 515 |
| 1928 monthly average． |  |  | 227， 374 | 4，${ }^{\text {4，}}$ | ． 174 | ． 080 | 178 | － 3 3， 627 | 31， 42 |  |  | 33， 762 | ${ }_{6}^{620}$ |
| 1923 monthly average－ |  |  | $\begin{array}{\|c} 1292,900 \\ 33,618 \end{array}$ | ${ }_{5}^{5}$ | ． 176 | ．077 | ． 1181 | ${ }_{4}^{4}, 3656$ |  | ${ }_{15139} 919898$ |  | ${ }_{4} 4,769$ |  |
| 1931 monthly average． | $\xrightarrow{21,115} \mathbf{2 1 , 4 5 5}$ | 16，454 |  | 3．649 | ${ }^{.136}$ | －036 | ．161 | ${ }_{4}^{4}$ | 35， 3159 | 1，385， 740 | －－a．．．．．． $28.40,776$ |  | ：${ }^{2,593}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January－．．． | 23,868 <br> 23,008 <br> 28 <br> 0 | 16，059 | 26，038 | 3，305 <br> 283 <br> 8 | ． 123 | ${ }_{-}^{.032}$ | .130 .129 | 3， $\begin{aligned} & 3,386 \\ & 3\end{aligned}$ | ${ }_{31}^{32,426}$ | 1，096，457 | －56，${ }_{6}^{613}$ | ${ }^{2} \mathbf{3 6 , 9 1 0} 412$ | 2，961 |
| March |  | 12,07811,607 | 29，${ }^{297}$ |  | 135 <br> .143 | ． 01013 | $\begin{aligned} & .136 \\ & .137 \\ & .137 \end{aligned}$ |  |  | ${ }^{1,172,971}$ | 62， 440 | ${ }_{42,659}^{42,68}$ | 4,030 <br> 4,341 <br> 1,3 |
| April | － 222,018 |  |  |  |  |  |  | 3,140 3,143 3 |  | ，$1,338,672$ <br> $1,332,628$ |  |  |  |
| Juno－ | 24,237 24,989 | 12,396 <br> 13,477 | 32， 389 |  | 140 <br> .130 | ． 052 | ．142 | $\begin{aligned} & 3,119 \\ & 2,855 \end{aligned}$ | $\begin{aligned} & 35,133 \\ & 3,684 \\ & 3,684 \end{aligned}$ |  | ${ }^{56,565}$ | 34,400 | 4， 265 <br> 3,592 <br> 1,98 |
| July－i－－ | 26，353 | 15，408 | 30，929 | 2，200 | ． 135 | ． 051 | ． 140 | 2，855 | 33， 285 | li， $1,3871,469$ | ${ }_{5}^{57} 177$ | 34，349 | 3，890 |
| Sepurumber | ${ }_{25,294}^{27,129}$ | －16,971 <br> 17,905 <br> 1 | － | 2,260 2689 | ． 139 | ．046 | ． 137 | 2， 2,868 | 32， 38.8 | 1， 1055,624 | － 47.276 |  | 3,690 <br> 3 |
| October． | 23， 494 | 18，495 | 32， 680 | 2， 213 | ． 144 | ． 047 | ． 130 | 2，966 | 33， 312 | ，1， 372,432 | 46,250 | 27，912 | 3，457 |
| November | 21， | 16,775 14,110 | － 277,110 | 2,356 <br> 1,830 | ． 151 | ． 046 | ． 138 | 2， 2 2，898 | ${ }_{3}^{32} 31,1724$ | 1，126， 177 | － 40.401 |  | 3，197 |
| Monthly average．． | 23，752 | 14，900 | 31，158 | 2，819 | ． 13 | ． 045 | ． 133 | 3，023 | 32，7．9 | 1，201， 430 | 65，254 | 35，094 | 3， 649 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January． | 32 20,714 | 22 $\begin{array}{r}\text { 21，} 112 \\ 11,936 \\ \hline 12\end{array}$ |  | 2,251 <br> 1,729 <br> 1029 | .135.135.135.15 | $\begin{aligned} & .020 \\ & .026 \\ & .026 \end{aligned}$ | ． 1116 |  | $\begin{gathered} 2,77 \\ 31,680 \\ 31,608 \end{gathered}$ | ${ }^{1,050,397}$ | ${ }_{3}^{23} 53,127$ | ${ }^{23} 33,5921$ | 3，192 |
| March |  |  |  |  |  |  |  |  |  | 1，116， 078 | ${ }_{57,72}$ | －37，169 | 3，541 |
| April | 行， 19.103 | cili， 116 |  |  | .1143 <br> .145 | －023 | ． 116 | 2，${ }_{\text {2，}}$ | ${ }_{3}^{31,961}$ | $\xrightarrow{1,222,000} 1$ | 57，230 | 36， 345 | 3，585 |
| Junc．．． | 19， 309 | 15，470 |  |  |  |  | ． 131 | 2，686 | 35， 309 | 1，511，322 | 51，${ }^{\text {cisi }}$ | 30，911 | 3，783 |
| July．．． | 19，647 | 18，303 | 34，078 | 3，027 | ． 165 | ． 018 | ． 135 | 2，786 | 36， 666 | 1，433，916 | 51，835 | 30，588 | 3，716 |
| August． | 20，443 | 19，605 |  | 1，548 | ． 175 | ． 011 | ． 140 | 2,840 <br> 2807 | 36，${ }_{\text {36，}}^{\substack{19}}$ | $1,530,083$ | 89， 971 | 23，${ }^{29} 9$ | 3，773 |
| Oeptoter． | － 212,273 | 20， |  | 2， $\begin{array}{r}1,802 \\ 2,45 \\ \hline\end{array}$ | ． 177 | ${ }_{0}^{051}$ | ．145 | 边， | ${ }_{3}^{36,945}$ | ${ }^{1} 1,358,759$ | 50， 811 | 23，${ }^{2} \mathbf{7 1}$ | 3， 379 |
| November | ${ }^{20,028}$ | 19， 1781 | 30， 312 | ${ }_{2}^{2,771}$ | ． 177 | ． 050 | ． 114 | 2，948 | ${ }^{32,891}$ | 1， 1729,385 |  |  | －3， 3121 |
| December． | 16，649 | 17，025 | 28，572 | 1，452 | ． 177 | ． 050 | ． 113 | － 2,818 | ${ }_{33,466}$ | $\xrightarrow{1,1690,089} 1$ | 58，176 | 32，027 | 3，606 |
| Monthly a verage． | 19，664 | 18， 177 | 31， 417 | 2，168 | ． 167 | ． 038 | ． 129 | 4，818 | 33，466 | 1，288， 380 | 53， 176 | 32，027 | 3．006 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January－－ | ${ }^{24} 16,134$ | ${ }^{24} 14,215$ | 20，489 | －1，787 | ． 166 | 048 <br> .048 | ． 1142 | －${ }_{\text {3，}}^{2,826}$ | 33， 323 |  |  | 038,163 42,291 | 3， 3,789 |
| Marih | 11， 1144 | 10， 658 | ${ }^{30,577}$ | ${ }^{2}, 235$ | ． 158 | 044 | －136 | 3，049 | 32， 611 | ${ }^{1} 12,260,806$ | 62， 8124 | 42， 482 | 3，916 |
| April． |  | 11,403 <br> 13,174 |  | － $\begin{aligned} & 2,436 \\ & 1,643 \\ & 1\end{aligned}$ | ． 145 | ．045 | ． 139 |  | 34，${ }_{34}^{34,236}$ |  |  |  | $\underset{\substack{4,411}}{4,299}$ |
| June． | 18，663 | 16，313 | 36， 330 | 1，716 | ． 155 | ． 046 | ． 141 | 2，864 | 34， 648 | 1，503，726 | 84，417 | 34，083 | 4，566 |
| July | 22， 073 | 19， 203 <br> 20,927 |  | － | ． 155 | ．045 | .140 .139 | $\xrightarrow{2,971}$ | 36， 378 | 1， $1,543,442$ | 52， 783 <br> 48,488 <br> 8. | 33,190 300 3021 | ¢ 4,781 |
| Sentomber |  | 24，295 | 34， 31096 |  | ． 155 | ．046 | ． 136 | 3，074 | 34， 3 488 | 1，496， 1188 | 48， 114 |  | 6， 611 |
| Oetober | ${ }_{28,081}^{27,39}$ | 24,848 <br> 24,49 <br> 18 | －37，674 | 退1，823 | ． 1155 | ．013 | ． 1124 | 3， 3 3， 240 | ${ }_{3}^{36,} \mathbf{3 6}$ ， 59 |  | 4，${ }_{4}^{45,212}$ |  | 4，${ }^{4,714}$ |
| Decermber．． | 26， 579 | 21， 857 | 30，581 | 1， 373 | ． 161 | ． 016 | ． 129 | 3，263 | 35，997 | 1，288， 189 | 48， 205 | 28，311 | 3，710 |
| Monthly average－－ | 20， 884 | 18， 034 | 33， 228 | 1，797 | ． 157 | ． 046 | ． 135 | 3， 046 | 34，744 | 1，390，257 | 63， 817 | 93， 991 | 4，207 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | ${ }_{\text {24，}}^{24,274}$ | 18，021 | 25,062 26,432 | $\xrightarrow{1,845} 1$ | ． 1136 | ． 0445 | －.$^{132}$ |  | 35，330 | ${ }^{1,166,218} 1$ | ［853， 276 |  | 4， 4 4， 781 |
| March | 23，${ }^{214}$ | 16，${ }^{52}$ | 31，997 | ${ }_{2} \mathbf{2}, 081$ | ． 120 | ．046 | －133 | 3，223 | 35，34 | 1，338，976 | 60， 018 | 40， 220 | \％， 5 ， 250 |
| April． | 22， 2884 | （16， |  | 1，330 | ． 138 | ：051 | ． 139 | － | ${ }_{3}^{34,758}$ | $\xrightarrow{1,227,018} 1$ | （ex | －3， 31,785 | \％，986 |
| Juno．．．．．． | 25，548 | 20， 232 | 37， 881 | 2，729 | ．163 | ．066 | ． 140 | 3，134 | 3S， 180 | 1， 582,537 | 63， 141 | 32， 499 | 5，851 |
|  | 26， 909 | 22，915 | 41， 203 | 2，764 | ． 173 | －056 | － 341 | 3，132 | 40,678 | ${ }^{1,739,298}$ | 50，${ }^{572}$ | 30， 5.5 | 6，816 |
| Soptember | ${ }_{27,351}$ | 24， 272 | 37， 462 | 2,803 | ． 173 | ． 056 | ． 134 | 3， 202 | 39， 817 | ${ }_{1}^{1,616,964}$ | 44， 624 | 27，1696 | 5，133 |
| October－ | 26， 265 | 24， 229 | ${ }^{41,400}$ | 2， 191 | ． 173 | ． 0556 | ． 135 | 3，574 | ${ }^{41,936}$ | 11， 662,108 | 4i， 373 | ${ }^{27,280}$ | 4，384 |
| Decomber． | 22， 827 | 19，930 | 33，734 | 2，046 | .165 | ．056 | ． 137 | 3，654 | 40， 617 | $1,401,581$ | 50， 617 | 31，323 | 3，699 |
| Monthly average．．． | 25， 098 | 20， 225 | 36，044 | 2， 248 | ． 156 | ． 053 | 138 | 3，247 | 38， 141 | 1，488，710 | 51， 876 | 32， 933 | 5，042 |

## FUELS AND BYPRODUCTS-KEROSENE, LUBRICANTS, AND OTHER PETROLEUM PRODUCTS

| Year and Month | REFINED PETROLEUM PRODUCTS |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Kerosene ${ }^{1}$ |  |  |  |  | Lubricants ${ }^{1}$ |  |  |  | Other products |  |  |  |  |
|  | Con-sump-tiom,mestic(indiecated de-mand $)^{2}$ | $\underset{\text { ports }}{\text { Ex- }}$ | Price,waterwhite, 47,reflnery,Pa. | $\begin{aligned} & \text { Pro- } \\ & \text { duce } \\ & \text { tion } \end{aligned}$ | Stocks, refinery, month | Con-sump-tion, do-mestic(andi-cated de-mand) | Price, cylinder, refinery, Ra. ${ }^{4}$ | Pro-duction | Stocks, refinery, month | Asphalt |  |  | Wax ${ }^{1}$ |  |
|  |  |  |  |  |  |  |  |  |  | $\underset{\text { ports }}{ }$ | Pro= duction ${ }^{6}$ | Stock, refinery, month ${ }^{\circ}$ | Pro-duction ${ }^{\circ}$ | Stocks, rethnery, cnd of month ${ }^{\circ}$ |
|  | Thousands of barrels? |  | Dollars per gal. | Thousands of barrels ${ }^{7}$ |  |  | Dollars per gal. | Thousands of barrels? |  | Thousands of short tons |  |  | Thousands ofpounds |  |
|  |  | 2, 221 | 0.062 |  |  |  |  |  |  | 18 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1019 monthly average | 2,766 2,757 | 1,943 1,728 | . 1145 | 4,646 4,603 | 7,157 9,035 | 1,133 1,229 |  | 1,680 | 3,825 | 11 | $\begin{array}{r}75 \\ 108 \\ \hline\end{array}$ | 97 | 38,936 | 241, 895 |
| 1920 monthly average | 2, 757 $\mathbf{2 , 4 6 1}$ | 1,728 1,486 | . 1408 | 4,603 3,859 | 9,035 9,584 | 1,229 |  | 2,078 1.741 | 3,267 5,552 | 11 | 108 | 74 | 45,100 36,240 | $\begin{array}{r}181,560 \\ 240 \\ \hline 071\end{array}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1923 monthly average. | 2,921 | 1,682 | . 084 | 4,661 | 6,457 | 1,438 |  | 2,177 | 6, 629 | 12 | 194 | 129 | 38, 887 | 178, 067 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1925 monthly average | 3,331 | 1,756 | . 078 | 4,974 | 9,498 | 1,715 |  | 2,588 | 6,879 | 10 | 223 | 145 | 49, 215 | 106,409 |
| 1926 monthly average. | 3,178 | 1,835 | . 104 | 5,147 | 7,721 | 1,881 |  | 2,691 | 7,481 | 12 | 244 | 195 | 53,818 | 152, 473 |
|  | 3,124 | 1,613 | . 076 | 4, 676 | 8,426 | 1,806 |  | 2,643 | 7,792 | 13 | 285 | 212 | 48,696 | 188,449 |
| 1923 monthly average | 3, 280 | 1, 821 | . 074 | 4,946 | 8, 269 | 1,931 |  | 2, 888 | 7,985 | 10 | 275 | 240 | ${ }^{52,512}$ | 105,825 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February | 2,714 | 818 | . 045 | 3,200 | 4,971 | 1, 190 | . 161 | 1,984 | 9, 747 | 1 | 134 | ${ }_{3} 313$ | 48,440 | 176, 674 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| April.........----...... | 3, 292 | 578 | . 046 | 3,762 | 4,417 | 1,586 | . 163 | 1,910 | 9, 139 | 0 | 217 | 391 | 36,680 | 184, 486 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1,278 $\mathbf{2 , 5 8 1}$ | $\begin{array}{r}\text { r } \\ \hline 1,088 \\ \hline 188\end{array}$ | . 049 | 3,497 3,449 | 6,247 | ${ }_{932}^{951}$ | . 177 | 1,587 <br> 1,648 | 7,965 | 1 | 238 246 | 298 | 38,920 36,680 | 206,461 201,930 |
| Oetober.- | 3, 115 | -944 | . 048 | 3,463 | 5,465 | 1,143 | . 142 | 1,713 | 8,289 | 1 | 236 | 248 | 31, 360 | 188, 637 |
| November | 3,621 | 970 | . 048 | 3,801 | 4,672 | 1,115 | . 131 | 1,644 | 8,245 | 1 | 182 | 280 | 33, 320 | 180, 411 |
| December. | 3,149 | 630 | . 048 | 4,097 | 4,974 | ${ }^{1} 962$ | . 133 | 1,625 | 8,465 | 1 | 145 | 278 | 35,000 | 163, 628 |
| Monthly average | 2, 768 | 908 | . 048 | 3, 653 | 5,216 | 1,385 | . 160 | 1,869 | 8, 588 | 2 | 208 | 331 | 38, 243 | 188, 236 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 846 | . 044 | 4, 201 | 7,936 | 1,617 |  | 1,859 | 7,403 | 1 | 273 | 278 | 36, 120 | 98,882 |
|  |  | 621 | . 044 | 4, 109 | 8,604 | 1,662 | . 179 | 2,019 | 7,402 | 2 | 254 | 268 | 40, 320 | 86, 136 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 3,434 | 922 | . 053 | 3, 993 | 8, 118 | 1,505 | . 190 | 2,115 | 6, 950 | 3 | 242 | 242 | 47,320 | 76, 600 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| March | 4, 219 | 657 | . 048 | 4,576 | 4,988 | 1,641 | . 222 | 2,152 | 6,837 | , | 165 | 371 | 43, 120 | 86, 644 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| July | 2,816 | 751 | . 046 | 4,320 | 7,062 | 1,491 | . 183 | 2,209 | 6,782 | , | 319 | 359 | 34, 160 | 115, 137 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| October.......--............ | 3,957 | 956 | . 049 | 4,889 | 7,497 | 1,674 | . 146 | 2,145 | 6,839 | , | 288 | 292 | 39,480 | 123, 099 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| December. | 4,761 | 798 | . 046 | 4,777 | 6,398 | 1,391 | 126 | 2,346 | 7,331 | 0 | 155 | 339 | 37,520 | 136, 136 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $1935$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February...-----............ | - $\begin{array}{r}4,597 \\ 3,959\end{array}$ | 458 | . .059 | 4,791 5,215 | 6,19 6,834 | 1,297 1,617 | . 1110 | 2, 2,281 | 7,416 7,277 | 8 | 182 | 409 | 35,280 37,240 | 145, 744 |
| April.-....-.-.------------ | 3,751 | 498 | . 050 | 4,325 | 6,886 | 1,802 | . 1110 | 2,309 | 7,026 | 1 | 251 | 411 | 43, 120 | 144, 153 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 136,646 131, 680 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Monthly average. | 3, 971 | 539 | . 049 | 4,651 | 7, 979 | 1,653 | .118 | 2,314 | 6, 903 | 4 | 271 | 389 | 37, 620 | 135, 602 |

For footnotes see p. 173.

## LEATHER AND PRODUCTS-HIDES AND SKINS



For footnotes see p. 173.

LEATHER AND PRODUCTS-LEATHER AND LEATHER MANUFACTURES


For lootnotes see pp. 173, 174.


For footnotes see p. 174.

## LUMBER AND MANUFACTURES-LUMBER (ALL TYPES)



For footnotes see p. 174.

## LUMBER AND MANUFACTURES-FLOORING AND DOUGLAS FIR



For footnotes see p. 174.

## LUMBER AND MANUFACTURES—SOUTHERN PINE, WESTERN PINE, AND WEST COAST WOODS



For footnotes, see p. 174.

## LUMBER AND MANUFAGTURES-REDWOOD AND FURNITURE



For footnotes see pp. 174, 175.

IRON AND STEEL-EXPORTS, IMPORTS, PRIGES, AND ORE MOVEMENT


For footnotes see p. 175.

## IRON AND STEEL-PIG IRON AND IRON MANUFACTURES



For footnotes see p. 175.

IRON AND STEEL-IRON MANUFACTURES-Continued

| Year and Monte | CAST-IRON BOILERS AND RADIATORS |  |  |  |  |  |  | EANGE BOILERS, GALVANIZED ${ }^{1}$ |  |  |  |  | BOILPR AND PIPE <br> FITTINGS? |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Square boilers ${ }^{\text {s }}$ |  |  | Radiators |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Convection type 4 |  | inary ty | pe ${ }^{2}$ |  |  |  |  |  |  |  |  |  |
|  | $\begin{aligned} & \text { Pro- } \\ & \text { duc- } \\ & \text { tion } \end{aligned}$ |  | Stocks, end of month | Sales | Pro-duction | Shipment | Stocks,end ofmonth | Orders |  | Pro-duction | Shipments | Stocks, end of month | Pro-duction | Ship. ments | Prom ductlon | Shipments |
|  |  |  |  | Heating elements, incl. cabinets and grilles |  |  |  | New, net | Unend of month |  |  |  |  |  |  |  |
|  | Thousands of pounds |  |  | Thous. sq. ft. of heating surface |  |  |  | Number of boilers |  |  |  |  | Short tons |  |  |  |
| 1923 monthly av- | $\begin{aligned} & 17,652 \\ & 18,753 \\ & 20,903 \\ & 20,596 \end{aligned}$ | 16, | ------ |  |  | 11, 839 |  | --:-....... | -....--- | -------- | --....... | -------- | ------- | -----.... | -....... |  |
| 1924 monthly av-. |  | $\begin{aligned} & 12,504 \\ & 20,480 \\ & 21,561 \end{aligned}$ | -1...... |  |  | $\begin{aligned} & 12,808 \\ & 12,304 \\ & 13,769 \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |
| 1926 monthly av. |  |  |  |  |  | $\begin{aligned} & 13,769 \\ & 14,349 \end{aligned}$ | $43,024$ |  |  |  |  |  |  |  |  |  |
| ${ }^{3}$ | $\begin{aligned} & 20,80 \\ & 20,59 \end{aligned}$ |  | 103, 818 |  | $\begin{aligned} & 13,486 \\ & 14,518 \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |
| 1927 monthly av- | ${ }^{23}$ 2, 189 | 21,455 |  | --------------- | $\begin{array}{r} 14,786 \\ 13,3626 \\ 10,594 \\ 7,888 \end{array}$ | $\begin{array}{r} 13,503 \\ 13,457 \\ 10,617 \\ 8,621 \end{array}$ | $\begin{aligned} & 62,772 \\ & 65,81 \\ & 61,934 \\ & 60,519 \\ & 43,878 \end{aligned}$ |  |  |  |  |  | 12,709 |  | 6,096 |  |
| 1928 monthly av | 22, 815 | 27,978 |  |  |  |  |  |  |  |  |  |  | 13, 291 |  | 6, <br> 6,170 |  |
| 1930 monthly av. | 17, 734 | 19, 625 | 155, 009 |  |  |  |  |  |  |  |  |  | 8,874 | 8,768 | 4,483 | 4,361 |
| 1931 monthly av... | 14, 142 | 15. 142 | 126, 044 |  | 5, 574 | 6, 583 |  | 46, 103 | 13,981 | 48,319 | 47,901 | 32,386 | 6, 002 | 5,360 | 2, 213 | 2,755 |
| 1932 |  | 8,2757,300 |  | - |  |  |  |  |  |  |  |  |  |  |  |  |
| January... | $\begin{aligned} & 14,246 \\ & 1,249 \\ & 179 \end{aligned}$ |  | 108,388 115,244 |  | 4,867 5,185 | 3,257 | $\begin{aligned} & 33,681 \\ & 36 \end{aligned}$ | 43,971 39,401 | 8, 8 769 | $\begin{gathered} 35,703 \\ 40 \\ \hline 096 \end{gathered}$ | 42, 245 | $\begin{aligned} & 33,336 \\ & 33,490 \end{aligned}$ | 2,861 2,206 2 | 3, 3 , 195 | 1,602 1,464 1,23 | 1,627 |
| March. | 15, 733 | 8,037 | 122, 630 |  | 5,027 | 2,412 | 38, 356 |  | $\begin{aligned} & 8,626 \\ & 6,857 \end{aligned}$ | 43, 439 | 43, 641 |  | 2, 205 | ${ }_{2}{ }^{3} 552$ | 1,464 | 1,344$\mathbf{2}, 262$1,925 |
| April. | $\begin{gathered} 15,733 \\ 12,984 \\ 6,874 \end{gathered}$ |  |  |  | 3,$\mathbf{3}, 270$1,857 | 2, 367 39, 386 |  | 43, 284 |  | 41, 070 | 43, 056 |  | 1,678 | 2,919 | 1,2431,2261,56 |  |
| May. |  | 6, 8688,181 |  |  |  | 2,726$\mathbf{2 , 9 1 7}$ | $\begin{aligned} & 38,748 \\ & 38,748 \\ & 37,868 \end{aligned}$ | 48,813 | 9,044 |  |  |  |  |  |  |  |  |
| June. | $\begin{aligned} & \text { b, } 874 \\ & 6,140 \end{aligned}$ |  | $\begin{aligned} & 128,244 \\ & 126,505 \end{aligned}$ | -----.-------- | 1,857 |  |  | 39,766 | 9,386 | 40,099 | 39,424 | 31, 556 | 1,760 | 2,808 | 1,267 | 1,622 |
| July.- | 9,1429,734 | 8,9, 27613,653 | 126,826 <br> 123,174 <br> 188 | -..- | 1,388 | $\begin{aligned} & \begin{array}{l} 3,392 \\ 4.340 \end{array} \end{aligned}$ | $\begin{aligned} & 35,035 \\ & 33,688 \end{aligned}$ | 28,85734,385 | $\begin{aligned} & 5,450 \\ & 7,333 \end{aligned}$ | $\begin{aligned} & 34,423 \\ & 31.934 \end{aligned}$ | $\begin{aligned} & 32,793 \\ & 32,502 \end{aligned}$ | 33, 186 | 1,455 | 2, 029 | 1,274 1,503 |  |
| August |  |  |  |  |  |  |  |  |  |  |  | 33, <br> 32,618 <br> 32,459 | 1,655 | 2,665 | 1,229 1, 537 |  |
| September |  | 19, 113 |  | ---.-.-.......- | 2,751 | ${ }^{4}, 331$ | $\begin{aligned} & 33,688 \\ & 31,270 \end{aligned}$ | 43, 154 | 7,268 | 31, 334 | 43, 219 |  | $\begin{aligned} & 2,426 \\ & 3,187 \end{aligned}$ | $\begin{aligned} & \mathbf{3}, 461 \\ & 3,954 \end{aligned}$ | 1,743 2,215 <br> 2,128 2,027 |  |
| November | $\begin{aligned} & 16,84 \\ & 11,003 \\ & 1,003 \end{aligned}$ | $\begin{aligned} & 13,335 \\ & 10,434 \end{aligned}$ | 109,730107,572101,448 |  | $\begin{aligned} & 4,472 \\ & 4,299 \end{aligned}$ | $\begin{aligned} & 7,630 \\ & 4,816 \end{aligned}$ | $\begin{aligned} & 28,363 \\ & 27,967 \end{aligned}$ | $\begin{aligned} & 56,000 \\ & 39,494 \\ & 394 \end{aligned}$ | 8, 803 | $\begin{aligned} & 30,800 \\ & 40,560 \end{aligned}$ | $\begin{aligned} & 54,765 \\ & 41,465 \end{aligned}$ | - | + $\begin{aligned} & 2,787 \\ & 1,717\end{aligned}$ | 3,10193,165 | 1,804 1,701 |  |
| December | 11,003 4,918 |  |  |  | 3,236 | 3,474 | 27,838 | 30,472 | 8, 588 | 34, 047 | 30,407 | 35, 369 |  |  | 1,025 | 1,115 |
| Monthly average | 11, 298 | 21, 386 | 118, 061 | 3, 385 |  | 3, 779 | 34, 163 | 40, 858 | 7, 683 | 40,448 | 40, 801 | 32, 512 | 2, 137 | 2,992 | 1,453 | 1,700 |
| January-...... | 6, 144 | 6,410 | 99, 032 | 28 | 2,547 | 2,001 | 28, 250 | 38,880 | 6, 087 | 43, 327 | 41, 181 | 37,515 | 1,401 | 2,319 | 995 | 1,375 |
| February | 7,602 | 5,567 | 100,585 | 6 | 2, 892 | 1,634 | 29, 646 | 33, 097 | 6, 299 | 29, 651 | 32,885 | 34, 281 | 1, 514 | 2,161 | 1,088 | 1,433 |
| March. | 6, 211 | 4, 860 | 100, 409 | 8 | 2, 231 | 1, 542 | 30, 417 | 39,973 | 5, 028 | 41, 708 | 41, 244 | 34, 128 | 1, 592 | 2, 228 | 1,100 | 1,302 |
| April. | ${ }^{9} 918$ | 4, 465 | 105, 457 | 7 | 3,002 | 1, 605 | 31, 992 | 43, 834 | 8, 163 | 39, 128 | 39,699 | 33, 557 | 1,577 | 2, 322 | 1,284 | 1, 588 |
| Maye. | 13, 539 | e, 10,812 108 | 111,099 | 11 | 3,754 4,138 | 2, ${ }^{2} 1336$ | 31,512 35,626 | 99, 648 | 36,799 <br> 25,793 | 70, 725 | 73, 0212 | 32,270 <br> 31,635 | 2, 919 4,706 | S, ${ }^{\text {S, }} 464$ | 1,140 3,607 | 2, 827 3,765 |
| July... | 14,848 | 12,124 | 122, 118 | 76 | 3,368 | 3,727 | 35, 346 | 50.300 | 25, 699 | 54, 427 | 50,394 | 35,668 | 4,417 | 6,072 | 4, 107 | 4,499 |
| August | 15, 240 | 14, 685 | 121,451 | 79 | 5,355 4 4 | 4, 354 | 36, 317 | 72,351 37800 | 35, 360 | 64, 887 | 62, 690 | 37, 865 | 6,025 4,430 | 6, 640 4,575 | ¢, 436 <br> 3 <br> 147 | 3, 878 |
| September | 16, 428 | 20, 509 | 117, 419 | ${ }_{7}^{96}$ | 4,326 | 5, 173 | 35,614 | 37,800 | 17,744 | 56, 151 | 55,416 | 38,600 | 4,430 | 4, 575 | 3, 147 | 2, 667 |
| October | 10,622 | 24, ${ }_{1422}$ | 104,835 100,784 | 71 | 3,273 2,989 | 6,076 | 32,928 31,249 | - $\begin{aligned} & 34,273 \\ & 29 \\ & 20\end{aligned}$ | 7,612 | ${ }_{28}{ }^{46,369}$ | 24, 881 | 40,561 $\mathbf{3 9}, 269$ | 4,991 4,698 | 4, 4 465 | 2,839 $\mathbf{2 , 1 8 4}$ | 2,206 1,680 |
| December | 9,048 | 9,064 | 80,667 | 139 | 1,655 | 2,870 | 30,029 | 30, 591 | 13,307 | 22, 287 | 27, 207 | 33,897 | 3,344 | 3,582 | 1, 881 | 1,627 |
| Monthly average | 10,981 | 11, 199 | 107, 483 | 53 | 3,302 | 3, 271 | 32,577 | 47, 680 | 16,316 | 47,485 | 47, 518 | 35,771 | 3, 468 | 4,000 | 2, 376 | 2,404 |
| January 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 9,880 11,428 | 8,300 8,710 | -96,806 | ${ }_{72} 8$ | 2, 2 266 | 2, 484 | 30,295 30,593 | 45,788 88,274 | 20, 65. | 43, 466 | 38,540 87,104 | 38,823 $\mathbf{3 2 , 3 8 7}$ | 4,908 4,237 | 6, ${ }_{\text {6, }}^{362}$ | 2, 670 | 3,414 2,390 |
| March. | 15, 255 | 8, 241 | 108, 077 | 59 | 2,923 | 2,182 | 31, 365 | 39,974 | 14, 368 | 49, 100 | 46, 301 | 35, 186 | 4,178 | 3, 184 | 2,730 | 2, 094 |
| April | 11,965 | 8,287 | 111, 800 | 87 | 2,663 | 2,682 | 31, 389 | 39,326 | 17,013 | 35, 960 | 36,681 | 34, 465 | 3,667 | 3,564 | 2,450 | 2,175 |
| May | 15, 014 | 8,332 | 118, 411 | 129 | 3,969 | 2,630 | 32,775 | 35,683 | 11, 338 | 41; 021 | 41, 358 | 34,128 | 3. 557 | 3,604 | 2,866 | 2, 670 |
| June. | 15, 498 | 10, 029 | 123, 956 | 119 | 3,964 | 3, 197 | 33,537 | 34, 627 | 11,818 | 34,741 | 33, 180 | 34, 902 | 3,495 | 3,586 | 2,436 | 2,445 |
| July | 11, 652 | 11, 172 | 124,414 | 137 | 3,483 | 3, 1336 | 33, 867 | ${ }^{33,576}$ | 9,738 | 33, 255 | 33,746 | 33,869 | 3,333 | 3, 523 | 2, 282 |  |
| August. | 15, 554 | 17, 890 | 121, 973 | 151 | 4,282 | 6, ${ }^{\text {6,262 }}$ | 32,989 30,885 | 38,006 51 51 |  | 37,735 | 35,751 | -35, 325 | 3,914 4,225 | 4,651 4,655 | 2,174 | 2,484 2,354 |
| Oeptembe | 15,030 18,83 | 25, 208 | 111, 740 | 143 | 4, 011 4,880 | 6, 282 | 30,885 26,517 | 61,734 | 12,724 | 45, 4734 | 46, 68 | 32,225 $\mathbf{2 8 , 9 1 9}$ | 4,225 | 4, ${ }_{5}^{4,655}$ | 2, 2838 | 2,354 2,890 |
| November | 19, 783 | 19,353 | 96, 933 | 184 | 5, 208 | 6, 456 | 25, 473 | 57, 566 | 9,740 | 59, 673 | 69, 439 | 29, 153 | 5, 995 | 5, 027 | 2,984 | 3,090 |
| December. | 13, 099 | 13, 436 | 96, 554 | 148 | 3,632 | 4,482 | 24, 786 | 44, 906 | 16, 329 | 40, 337 | 37, 471 | 35, 446 | 4,298 | 3, 060 | 2,992 | 1,914 |
| Monthly average. | 14, 424 | 14,429 | 109, 279 | 128 | 3,624 | 4, 203 | 90, 371 | 47, 839 | 13,795 | 47, 064 | 47, 110 | 33, 780 | 4,321 | 4,228 | 2,609 | 2,500 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January. | 16,457 | 10, 604 | 101, 340 | 112 | 4,679 | 3, 117 | 26, 178 | ${ }^{68,106}$ | 19,357 | 63, 879 | 64, 904 | 30, 443 | 4,690 | 4,750 | 3, 153 | 3, 205 |
| February | 16,917 | ${ }_{6}^{9,275}$ | 108, 115 | 142 | 4,343 <br> 4,648 | 2,787 | 27,845 30,588 | 53, 4697 420 | 12, 1292 | 57, 51 | 57, ${ }^{56} 489$ | 30,375 32,777 | 4, ${ }_{3}^{4,681}$ | 3,865 3,420 | 3,181 3,114 | 2,704 $\mathbf{2}, 582$ |
| April. | 16, 409 | 7,730 | 126, 053 | 138 | 4, 602 | 2,366 | 32, 891 | 55, 093 | 12,052 | 51, 052 | 55, 764 | 28, 065 | 3, 790 | 3, 955 | 2,729 | 3, 274 |
| May. | 19, 062 | 9,241 | 136, 149 | 209 | 5,304 | 2, 835 | 35, 388 | 80, 689 | 32, 319 | 61,815 | 60, 422 | 29,458 | 3,870 | 4, 271 | 3,228 | 3,014 |
| June | 16, 436 | 10,700 | 141, 520 | 248 | 4,742 | 3,462 | 36,753 | 106, 605 | 65, 291 | 88, 486 | 85, 413 | 32, 201 | 3,610 | 4,321 | 3,107 | 2,873 |
| July.... | 12, 711 | 16, 332 | 137,923 <br> 137 <br> 1815 | 272 | 3,422 |  | 35,610 <br> 35,384 |  |  | 92,883 |  |  | 4, 201 5,542 |  |  |  |
| August | 21,462 20,908 | 21, 689 | 137, 81.5 | 424 | 6,096 5,937 | 6,470 | 35,384 33,853 | - 61,548 | 22, 212 | 69, 922 | 63, 878 | 42,220 37 | 5,542 5,860 | 6, ${ }_{6}^{610}$ | 3,620 | 3,481 |
| October. | 27, 425 | 41, 380 | 115, 096 | 481 | 7,430 | 10, 055 | 31,493 | 83, 829 | 25, 644 | 84, 328 | 80, 591 | 41, 490 | 7,451 | 8,454 | 4,162 | 4, 670 |
| November | 17,487 | 20, 325 | 112, 692 | 365 | 5,037 | 6,616 | 30, 000 | 64, 341 | 25,647 | 63,500 | 64, 338 | 40,652 | 6,835 | 6, 620 | 4,532 | 4,357 |
| December. | 18,941 | 16,330 | 114, 019 | 390 | 4,706 | 5,413 | 29,420 | 55, 136 | 31, 999 | 57,723 | 48, 726 | 49,625 | 6,589 | 4,248 | 3,794 | 2, 503 |
| Monthly average | 18, 339 | 16,861 | 122, 952 | 274 | 5,079 | 4,793 | 32,115 | 66, 664 | 26,049 | 67, 048 | 65, 487 | 35,936 | 4,941 | 5,095 | 3,443 | 3, 258 |

For footnotes see p. 175.

# IRON AND STEEL-SANITARY WARE AND STEEL MANUFACTURES 



For footnotes see p. 175.

# IRON AND STEEL-STEEL MANUFACTURES-Continued 



For footnotes see pp. 175, 176.

IRON AND STEEL－STEEL MANUFACTURES—Continued

| $\underset{\text { Monta }}{\text { Mond }}$ | STEEL FURNITURE，ETC．${ }^{1}$ |  |  |  |  |  |  | $\begin{aligned} & \text { FABRI- } \\ & \text { GATEEDE } \\ & \text { PLEATE } \end{aligned}$ |  | STELL SHEETS－BLACK，BLUE，GALVANIZED，AND |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Shelving |  |  |  | Safes |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Orders |  |  | rders |  | 最曾音 |  | New orders |  | Orders |  | Production |  |  | Stocks，end of month |  | 들总总 |  |
|  |  |  |  |  |  |  |  | － |  | $\stackrel{8}{4}$ | 或\％ | $\begin{aligned} & \text { 틀 } \\ & \text { R } \end{aligned}$ |  |  | $\begin{aligned} & \text { ٓ. } \\ & \stackrel{\rightharpoonup}{6} \end{aligned}$ | $\begin{aligned} & \text { 坒 } \\ & \text { in } \end{aligned}$ |  |  |
|  | Thousands of dollars |  |  |  |  |  |  | Short tons |  |  |  |  | ® | Short tons |  |  | Long tons | Short tons |
| 1919 mo |  |  |  |  |  |  |  |  |  |  | 376，334 | 117， 520 | 62.7 |  | 72，963 | 17，061 | 95，946 |  |
| 1920 mo． mv |  |  |  |  |  |  |  |  |  | 140，844 | －${ }_{\text {232，}}^{651}$ | 7175，409 | 34．9 | 172， 162 | 1106， 175 | 56，688 | 66， 180 |  |
| 1922 mo．av |  |  |  |  |  |  |  |  |  | 203， 868 | 349,449 <br> 440 <br> 50 | 190， 864 | 76.5 | 182， 519 | 108，799 | 28，703 | 107， 345 |  |
| 1924 mo |  |  |  |  |  |  |  | 30，152 | 11， 81 | 225， 22 | ${ }_{368,147}^{40}$ | ${ }_{219,836}^{22,80}$ | 74.2 | 209， 329 | 122， 255 | 42，115 | 118， 21 | 17， 12,781 |
| 1925 mo ．av |  |  |  |  |  |  |  | 32，454 | 8， 280 | 273,281 | 530,869 | 293，499 | 92.8 | 266， 156 | 137， 863 | 45，702 | 138， 150 | ${ }^{14,283}$ |
| 1927 mo．${ }^{\text {mo }}$ |  |  |  |  |  |  | 232 | 43,032 41,677 | 14，${ }_{\text {cki }}$ | 276， 2758 | 530，595 448,963 | 287， 2840 | ， 885.4 |  | 162，${ }^{1634}$ | 50,085 48,880 | 148,546 <br> 142,192 | （13， 486 |
| 1928 mo．av |  |  |  |  |  |  | 261 | 52， 353 | 22，804 | 316，219 | 577， 827 | 328， 996 | 96.5 | 315，008 | 163，739 | 54，821 | 154，926 | 11， 637 |
| ${ }^{1929} 1930 \mathrm{mogav}$ |  |  |  |  |  |  |  |  |  |  |  |  | 100.2 | 退321，491 |  |  |  |  |
| ${ }^{1930} 193 \mathrm{mogog}$ | ${ }_{371}$ | ${ }^{7} 75$ | ${ }^{698}$ | ${ }_{254}^{437}$ | ${ }^{279}$ | ${ }_{274}^{423}$ | $\stackrel{217}{122}$ | 39， 200 | 9，621 | 222，982 |  | 220，310 157 | ${ }_{43.2}^{61.1}$ | （177， $\begin{aligned} & \text { 2170 } \\ & 158\end{aligned}$ | 159， 197 | －${ }_{79,870}$ | 146， 391 | 8， 5.075 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 268 |  |  |  | 225 |  | 121 | 17，613 |  | 121，258 |  | 118， 921 | 31.2 | 112， 971 | 119，288 |  |  |  |
| February | 213 225 | 256 | 230 260 | ${ }_{166}^{220}$ | ${ }_{209}^{279}$ | 165 <br> 237 <br> 1 | 115 99 | cin， 17.75 |  | 10， 10.241 | （182，022 | （124，157 | ${ }_{32}^{32.5}$ | cile， 115 | 124，${ }^{124} 4$ | ${ }^{72,857}$ | 77，000 | 2，${ }^{2} 765$ |
| April | 188 | 267 | ${ }^{201}$ | 157 | 215 | 150 | ${ }_{92}^{99}$ | 114，068 | 1， | 103， 011 | 99， 510 | 101， 590 | ${ }_{26.6}$ | 104， 637 | 116，339 | 71，318 | 101，000 | ${ }_{3}^{3,340}$ |
| May－－－ | 154 | 220 | 200 | 120 | 220 | 115 | 102 | ${ }^{11,788}$ | 2， 21.360 | ${ }_{89}^{12,191}$ | 85， 2125 | ${ }^{96,180}$ | ${ }_{22}^{25.8}$ | 106， 893 | ${ }^{121,366}$ | 74，986 | ${ }^{96,000}$ | 3，061 |
| Juno．．． | 187 | 227 | 181 | 102 | 180 | 143 | 78 | 18，383 | 2，808 | 85， 191 | 85， 195 | 85， 232 | 22.8 | 90， 157 | 121，946 | 74，642 | 101，000 | 1，975 |
| July | 115 | 185 | 156 | 116 | 207 | 89 | 58 | 12，485 | ${ }^{3,661}$ | 66， 301 | 77， 332 | ${ }_{57}^{60,965}$ | 18.3 | 73， 191 | 114， 518 | 68，450 | 83,000 | 1，890 |
| Supust， | 155 | 1818 | ${ }_{147}^{142}$ | ${ }_{97}^{129}$ | ${ }_{214}^{219}$ | 1102 | 43 50 | － 11,126 |  | －66，132 | 81， 818 | 57， 817 | 15．38 | 61， 689 |  |  | 75，000 |  |
| October | 144 | 182 | 143 | 94 | 200 | 108 | ${ }_{5}^{62}$ |  | ${ }^{6,941}$ | 94， 95 | 90，707 | 108， 111 | 28.7 | 12， 424 | 105， 83 | 60， 217 | 88，000 | －1，245 |
| November－ | 140 | 192 | ${ }_{137}^{137}$ | 98 102 | 191 | 116 | ${ }_{65}^{66}$ | －7，, 510 <br> 10 | －${ }^{1,446}$ |  | 84， 780 | 97， 989 | ${ }_{22.7}^{26.6}$ | ${ }_{7}^{76,466}$ | 103， 3121 | － 60.177 | 82,000 80000 | 1，845 |
| Monthly av－． <br> 1933 | 177 | 213 | 182 | 131 | 211 | 132 | 78 | 13， 483 | 3，248 | 88， 344 | 82，883 | 93， 423 | 25.1 | 91，310 | 113， 410 | 68， 845 | 188， 183 | 8，273 |
| un | 107 | 128 | 122 | 84 | 171 | 88 | ${ }_{72}^{82}$ | 111．448 | －1，718 | 75， 650 | 77,509 88,760 | ${ }_{81}^{85,373}$ | 25.9 | 79， 272 | 94，783 | ${ }_{54,231}^{57}$ | 85，000 | 1，984 |
| March | 117 | 140 | ${ }_{139}^{105}$ | 112 | $\xrightarrow{198}$ | ${ }^{86}$ | 72 59 | cier ${ }^{16,786}$ |  | 80， 8 850 | －83， 960 | cil 96 | 27.8 19.6 | 72， 7882 |  | 57， 5 5， 2199 | 88,000 <br> 82,000 | ${ }_{2}^{1,822}$ |
| April | 171 | 176 | ${ }_{168}^{135}$ | ${ }_{84}^{84} 10$ | ${ }_{190}^{180}$ | ${ }_{89}^{117}$ | －90 |  | 2，${ }_{2}^{2838}$ | 1184， 1924 | ${ }_{136}^{111,311}$ | 隹 111,942 | 34.5 43.1 | 100，${ }^{153}$ | 91， 889 | 47,815 512,295 | －94，000 | －1，662 |
| June． | 181 | 184 | 189 | 118 | 203 | 105 | 188 | 37， 220 | 20，894 | 246，737 | 229， 436 | 186， 272 | 51.2 | 152， 953 | 104， 355 | 50， 017 | 194， 0000 | 2，471 |
|  | 183 | 208 | 159 | 129 | 223 | 119 | 156 |  | 6，013 | 174， 191 | ${ }^{228}$ | 188，143 | 8.0 | 174，145 | 104， 815 | 42， 095 | 188， | 88 |
| ${ }_{\text {Soptemb }}$ | 193 | 223 | 186 | ${ }_{93}$ | ${ }_{192}^{226}$ | 126 | 122 | ${ }^{16,320}$ | － | 145， 320 | 194， 21 | 2030，${ }^{204}$ | 62.8 55.6 |  | 115， 183 | 郎， 51.293 | 20， 195,000 | ${ }_{3}^{3,825}$ |
| Oetober | 188 | 241 | 147 | ${ }^{98}$ | 158 | 132 | 118 | 17， 864 | 1， 1334 | 79， 114 | 102，262 | 146， 106 | 45.0 | ${ }^{174,829}$ | 105， 331 | ${ }_{52,353}^{625}$ | 188， 000 | 3，006 |
| Nocember | ${ }_{288}^{193}$ | ${ }_{231}^{231}$ | ${ }_{203}^{107}$ | ${ }_{125}^{136}$ | 161 | ${ }_{113}^{147}$ | 178 | 13， 892 |  | 10， 263 | 99，${ }^{941}$ | 113，111 | ${ }_{34.9}$ | 111，867 | 101， 220 | 很， 5122 | 187，${ }^{1860}$ | $\xrightarrow{2,759}$ |
| Monthly av． 1934 | 179 | 190 | 158 | 110 | 187 | 111 | 118 | 18， 688 | 4，885 | 125， 224 | 137， 880 | 132， 820 | 40.8 | 124，817 | 102，888 | 51， 685 | －146，880 | 2，669 |
| Januar | 260 | 278 | 215 | 131 | ${ }^{168}$ | 126 | 190 | 15，897 | 3，754 | 209， 463 | 166， 182 | 183， 622 | 50.4 | 130， 878 | 106，310 | 54，922 | 85.0 | 2， 811 |
| Februar | ${ }_{396}^{274}$ | ${ }_{272}^{272}$ | ${ }_{395}^{279}$ | 143 <br> 158 <br> 1 | 174 | ${ }_{186}^{126}$ | 231 | －14， 88.81 |  | 184， 365 | ${ }^{2066}{ }^{159}, 682$ | ${ }^{1924,830}$ | 60.0 67.8 | （140，${ }^{1005}$ | 1117， 334 | 63， 600 57,722 | － 1010,000 | 3,310 <br> 4,446 |
| April | 321 | 246 | ${ }^{346}$ | ${ }^{154}$ | 157 | ${ }^{164}$ | ${ }^{248}$ | 20， 085 | 2， 998 | 272， 412 | 251， 123 | ${ }^{214,522}$ | 66.0 | 188， 042 | 135， 796 | 53， 683 | 160， 0100 | 6， 132 |
|  | 343 |  | ${ }_{354}^{288}$ | ${ }_{188}^{159}$ | 19 | ${ }_{153}^{161}$ | 238 201 |  | 8，746 |  | 257， 845 | 256， 537 | 78.0 | 240， 730 | 137， 510 | 48，714 | 166，000 | S，784 |
|  | 253 | 200 | 354 | 188 | 194 | 153 |  | 27，385 | 11， 019 | 114，855 | 74，392 | 199，438 | 61.4 | 301，832 | 106， 950 | 56，666 | 150，000 | 6，184 |
| July－ | ${ }^{222}$ | 171 | ${ }_{231}^{231}$ | 136 | 200 | 130 | 171 | 12，523 | 2，028 | ${ }_{60} 7217$ | 69， 4 | 85， 28 | 26.2 | 5，442 | 110， 400 |  |  | 5 5， 226 |
| ${ }_{\text {A }}^{\text {August }}$ | 209 209 | 172 | ${ }_{261}^{226}$ | ${ }_{118}^{182}$ | ${ }_{177}^{198}$ | 166 130 130 | 162 87 8 | 16，203 | 3，334 | 88， 77 | 67， 670 | 77，197 | 23.8 23.4 23， | 77， 7706 | 109， 282 <br> 99,588 | 71,968 61,398 | －112，000 | 年，5，364 <br>  |
| October－ | 258 | ${ }_{196}^{154}$ | ${ }_{227}^{224}$ | 147 | ${ }_{218}^{181}$ | ${ }_{1}^{142}$ | 130 |  | 327 | 102，${ }^{1320}$ | 77，${ }^{\text {che }}$ | ${ }^{104,898}$ | 32．3 | －95，107 | 102， 264 |  | 112，000 | 2，153 |
| ${ }_{\text {Decomber }}$ | ${ }_{219}^{258}$ | 196 | 208 | 190 | 230 | ${ }_{172}^{126}$ | ${ }_{171}^{129}$ | 26， 2025 | ${ }^{\text {B，}} 185$ | 193， 130 | 158， 456 | 159， 740 | 49.2 | 141，566 | 104， 20 | 64， 693 | 13， 13000 | 2， 272 |
| Monthly av 1935 | 288 | 214 | 270 | 154 | 184 | 147 | 178 | 20， 188 | 4，114 | 152， 657 | 137， 745 | 157， 965 | 48.8 | 148， 821 | 112， 738 | 61， 875 | ${ }^{8133,275}$ | 4，099 |
| ${ }_{\text {January }}$ | ${ }_{267}^{273}$ | ${ }_{208}^{192}$ | 245 | ${ }_{142}^{180}$ | ${ }_{211}^{245}$ | 145 178 | ${ }_{241}^{277}$ | 18，778 | － 1,389 | 321， 831 | ${ }_{248,012}^{27931}$ | 235，714 ${ }_{219}$ | 74.0 71.5 | ${ }_{201}^{205.915}$ | 105， 182 | 60， 177 | 130,000 <br> 150 <br> 1000 |  |
| March | 307 | 175 | 340 | 183 | 228 | 147 | 255 | 16，832 | 2， 377 | 193．057 | 214， 685 | 227，082 | 74.1 | 233，446 | 108， 260 | 59， 757 | 190， 000 | 3，440 |
| ${ }_{\text {April }}^{\text {May．．}}$ | ${ }_{271}^{271}$ | 155 | ${ }_{289}^{291}$ | ${ }_{208}^{188}$ | 238 | ${ }^{1585}$ | 287 238 | 13， 244 | 2，152 | 188， 093 | 177，950 | 209， 219 | 68．2 | ${ }^{202,365}$ | 116， 316 | 68， 153 | 200，000 | ${ }_{4}^{4,472}$ |
| Juna．．．－． | ${ }_{313}^{27}$ | 152 | ${ }_{291}^{298}$ | 170 | ${ }_{2} 277$ | 150 | 204 | 17，914 | 1， 872 | 128， 957 | 112， 944 | 143， 308 | 47．7 | 180， 812 | 126， 531 | 74， 099 | 140，000 | ${ }_{4}^{4}, 210$ |
| July | 272 |  |  |  |  |  |  | 18， 890 |  |  |  | 145，505 |  |  | 125， 378 | 72，632 |  |  |
| ${ }_{\text {Septemb }}^{\text {Augus }}$ | 309 <br> 336 | ${ }_{210}^{216}$ | ${ }_{342}^{260}$ | 178 | ${ }_{281}^{248}$ | ${ }_{159}^{184}$ | ${ }_{235}^{147}$ | 23，${ }^{231}$ ， 105 | －${ }_{3}^{3,505}$ | 207， 198 | 204， 108 | ${ }^{206,} 913$ | 68.3 63.0 | 178， 81897 | － 1382,422 | 75， 781 |  | －${ }_{2,862}^{4,028}$ |
| Oetober | 348 343 3 | ${ }_{212}^{212}$ | ${ }_{346} 34$ | 200 | 277 | 205 | 246 20 | 30， 330 | 5，${ }^{3}, 850$ | 226， 209 | 211， 452 | 222， 883 | ${ }_{7} 6.5$ | ${ }^{220,536}$ | 146， 306 | 83， 200 |  | 3,495 |
| November | 370 | ${ }_{196}^{208}$ | 378 | ${ }_{182}^{188}$ | ${ }_{255}^{285}$ | ${ }_{205}^{180}$ | 206 206 | － 18,116 | $\stackrel{\substack{2,617 \\ 9,341}}{3,}$ | ${ }^{2039}$ 20， 318 | ${ }^{289}$ 299， 399 | ${ }^{2248,541}$ | 74.1 68.9 | 213， 453 | 149， 122 | ${ }_{74,516}^{81,597}$ |  | 3,090 3,025 |
| Monthly av．．．．－－ | 304 | 185 | 300 | 170 | 259 | 187 | 294 | 21，528 | 3， 887 | 208． 124 | 212， 368 | 202， 083 | 68． 3 | 194， 130 | 128，403 | 71，539 | 8 156，877 | 9，619 |

For footnotes see p． 176.

## MACHINERY AND APPARATUS-AIR CONDITIONING, FOUNDRY AND FUEL EQUIPMENT, AND ELECTRIC CRANES



For footnotes, see p. 176.

MACHINERY AND APPARATUS-MACHINE TOOLS, PUMPS, WATER SYSTEMS, AND WOODWORKING MACHINERY

| $\begin{aligned} & \text { Yyar and } \\ & \text { MONTE } \end{aligned}$ | $\|$MA: <br> CHINE <br> TOOLS <br>  <br> New <br> orders | PUMPS |  |  |  |  |  |  | $\begin{gathered} \text { WATER } \\ \text { SOFF- } \\ \text { TENG } \\ \text { INGP- } \\ \text { RATPAS } \end{gathered}$ | WATER TEMS : | WOODWORKING MACIIINERY * |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Domestic, water ${ }^{1}$ |  | Measuring and dispensing ${ }^{\text {s }}$ |  |  |  | Steam, power, ugal, and rotary ${ }^{\circ}$ |  |  | Canceled | Orders |  | Shipments |  |
|  |  | Shipments |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | $\begin{gathered} \text { Pitcher, } \\ \text { other } \\ \text { hand, } \\ \text { and } \\ \text { windmill } \end{gathered}$ | Power, | Gasoline |  | Oil, grease, and other |  | $\begin{aligned} & \text { New } \\ & \text { orders } \end{aligned}$ | Shipments (domestic) |  |  | New | $\left.\begin{array}{\|c} \text { Un- } \\ \text { filled, } \\ \text { end of } \\ \text { month } \end{array} \right\rvert\,$ | $\underset{\text { Quan- }}{\text { Qun }}$ | Value |
|  |  |  | type | Hand operated | Power | Hand operated | Power |  |  |  |  |  |  |  |  |  |
|  | Avg. mo. shipments, $1926=100$ | Number of units |  |  |  |  |  | Thous. of dolls. | Number of units |  | Thousands of dollars |  |  | $\begin{aligned} & \text { No. of } \\ & \text { ma- } \\ & \text { chines } \end{aligned}$ | Thous. |
| 1919 mo. av | 144.7 |  |  |  |  |  |  | 1,882 |  |  |  |  |  |  | 1,233 |
| 1020 mo. av -- | 112.3 20.9 |  |  |  |  |  |  | 2,674 1,072 |  |  | 67 | 772 | 1,899 |  | 1,777 |
| 1922 mo. av-- | 42.5 |  |  |  |  |  |  | 1,406 |  |  | 30 | 1,417 | 2,494 | 71,122 | 1,303 |
| 1923 mo. av. | 74.5 |  |  |  |  |  |  | 1,679 |  |  | 52 | 1,709 | 3,705 | 1, 614 | 1,659 |
| 1824 mo.av. | 52.2 |  |  |  |  |  |  | 1,212 |  |  | 47 | 1,460 | 2,681 | 1,144 | 1,515 |
| 1925 mo. av. | 83.2 |  |  |  |  |  |  | 1,452 |  |  | 33 | 1,6f1 | 2,502 | 1,141 | 1,601 |
| 1920 mo , av- | 89.9 |  |  |  |  |  |  | 1,582 |  |  | 30 | 1,565 | 1.925 | 1,210 | 1,584 |
| 1927 mo. av- | 76.3 |  |  |  |  |  |  | 1,432 |  |  | 15 | 1,253 | 1,377 | 1, 020 | 1, 292 |
| 1928 mo. BV- | 131.2 155 |  |  |  |  |  |  | 1.500 |  |  | 35 | 1, 1.214 | 1, 2,121 | 1, (0)2 | 1,351 |
| 1930 mo av- | 70.9 | 45, 565 | 2, 272 |  |  |  |  | 1,294 |  | 10, $611^{-}$ | 24 | ${ }^{1} 744$ | 789 | , 395 | ${ }^{1} 781$ |
| 1931 mo.av. | 41.0 | 32,316 | 1,786 | ${ }^{8} 3,749$ | ${ }^{8} 6,080$ | 832,330 | ${ }^{8} 1,306$ | 0767 |  | \%,667 | 14 | 441 | 446 | 372 | 434 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January .... | 32.820.8 | $\begin{aligned} & 26,586 \\ & 19,895 \end{aligned}$ | 376  <br> 489 $\mathbf{2 , 1 0 1}$ <br> 1,875  |  | 4, 272 <br> 5,174 | 17,84918,706 | 1,151 | 449508598 |  |  | 6 | 209 | 275 | 196 | 248 |
| rebruary. |  |  |  |  | ${ }_{5}^{411}$ |  | 5 |  |  |  | 220 | 302 |  | 250 |  |
| April..... | 18.1 | 30,498 <br> 23,263 | 586578588 | 2,674 |  | 6,228 | 28, 230 | 649675 | $\begin{aligned} & 008 \\ & 598 \end{aligned}$ | .............. | 6, 660 | 13 | 150 |  | \%47 | 189 |
| May | 21.8 |  |  | 2,937 | 6,693 | 39,479 | 488 |  | 6, 810 |  | 4 | 166 | 248 | 120 | 159154174 |
| June... | 20.6 | 28, 240 | 820 | 3,080 | 6,883 | 36, 707 | 532 | 441 |  | 7,534 | 4 | 163 | 237 | 126 |  |
| July --- | 15.7 | 22, 247 | 426452 | 2,5732,411 | 5,6195,697 | 21,965 | 360 | 391387 |  |  | 1 | 139 |  | 113 |  |
| August. |  | 23,798 |  |  |  |  | $\begin{array}{r} 751 \\ 1.647 \end{array}$ |  |  |  | 195114 |  |  |  |  |
| September | 16.3 15.2 | 26, 909 | 356 | 1,731 | 4,316 | 28, 305 | $1,647$ | 437 | --.............- | 5,663 4,451 4, |  | (10) ${ }^{2}$ | 187 | 2266 221 | 173 175 |
| November. | 17.7 | 14,787 | 352 | 1, 1,681 | 4,442 | 30, 31 | ${ }^{493}$ | 368 | 3, 648 |  | 5 | 147 |  | 134 | 193 164 |
| Decomber...- | 19.8 | 15, 211 | 281 | 1,269 | 2,943 | 20,408 | 355 | 350 |  | 2,513 | 11 | 167 | 195 171 | 159 | 175 |
| Monthly av...- | 19.6 | 22,404 | 472 | 2,232 | 5,189 | 28,056 | 709 | 438 | ............- 5, 394 |  | 5 | 178 | 244 | 147 | 184 |
| $\stackrel{1933}{ }$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February--.-. | 817.5 | 21, 220 | 284 295 | 1, 1444 | 3,064 | 14,752 14,918 | 403 290 | 277 | 200 230 | 3, 888 | (10) ${ }^{5}$ | 113 | ${ }_{187}^{179}$ | 100 | 111 |
| March. | 7.4 | 22,714 | 333 | 1,418 | 4, 018 | 15,651 | 367 | 404 | 209 | 3, 3171 |  |  | 201 | 103 | 81 |
| April. | 9.0 | 27,129 | 386 | 1,964 | 4,925 | 20,958 | 576 | 469 | 224 | 4, 114 | 2 | 138 | 20.3 | 82 | 132 |
| May | 15.3 | 36, 826 | 545 | 2,450 | 6,089 | 32,849 | 497 | 511 | 270 | 6,230 | 3 | 272 | 290 | 149 | 191 |
| June........ | 22.1 | 40,702 | 634 | 2,038 | 6,940 | 25, 024 | 501 | 736 | 305 | 7,116 | 8 | 359 | 341 | 275 | 316 |
| July....... | 29.9 | $\begin{array}{r}52,445 \\ 50888 \\ \hline 685\end{array}$ | 574 | 1,464 | 6,733 | 20,702 | 646 | 732 | 270 | 8,421 | 5 | 370 | 369 | 228 | 322 |
| Auqust-wa | 31.8 |  | 658 |  | 5,197 | 15.621 | 774 | 786 | 312 | 8, 425 | 1 | 333 | 346 | 219 | 337 |
| Septembor | 31.9 37.2 | 40, 652 | 434 | 851 | 3,683 | 10,588 | 1,005 | 771 | 401 | 6,786 | 6 | 309 | 306 | 238 | 337 |
| November. | 4.9 | 21, 031 | 468 | 274 | 1,103 | 6,517 | 916 <br> 683 | 638 607 | ${ }_{284}^{280}$ | 4,420 | 28 | 214 | ${ }_{202}^{202}$ | ${ }_{131}^{202}$ | 192 |
| December. | 70.0 | 20, 889 | 433 | 262 | 1,350 | 3,003 | 342 | 645 | 237 | 2,901 | 8 | 209 | 21.5 | 143 | 243 |
| Monthly av... | 27.1 | 32,851 | 458 | 1,200 | 4,009 | 15,708 | 583 | 575 | 273 | 5, 203 | $\theta$ | 234 | 263 | 131 | 219 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February.... | 50.9 | 28,292 | 347 498 | 488 | 1,262 | 4,468 5,323 | 411 | -663 | 265 | 4, 392 | 9 | 279 | 277 | 136 | 213 |
| Mareh... | 48.1 | 33, 421 | 720 | 8819 | 1,879 | 5, 5 | $\begin{array}{r}621 \\ 404 \\ \hline\end{array}$ | 469 <br> 727 | 3446 | 7, 209 | 8 | 292 | 308 250 |  | 242 |
| April.... | 46.6 | 30,335 | 607 | 685 | 2,745 | 6,678 | 613 | 654 | 400 | 5, 855 | (10) | 256 | 263 | 143 | 247 |
| May.. | 45.9 | 34, 193 | 854 | 692 | 3,327 | 6, 960 | 608 | 66.5 | 51 C | 8,251 | (1) | 244 | 285 | 172 | 2x |
| June.. | 35.3 | 30, 152 | 785 | 773 | 2,712 | 5,526 | 579 | 703 | 360 | 9, 740 | 3 | 237 | 233 | 123 | 220 |
| July.... | 34.7 | 36, 771 | 971 | 488 | 3,193 | 5,242 | 489 | 541 | 304 | 7,056 | 2 | 222 | 207 | 127 | 180 |
| August..... | 41.4 | 39,552 | 910 | 620 | 2,630 | 5, 092 | 614 | 580 | 344 | 8,204 | 5 | 262 | 312 | 145 | 2\%9 |
| September... | 36.2 43.9 | -26, 022 | 696 73 | 538 | 1,867 | 4, 860 | 614 | 637 | 383 | 6, 270 | 1 | 172 | 241 | 199 | 242 |
| October-...- | 43.9 52.4 | 25, 2127 | 732 545 | ${ }_{6}^{611}$ | 2,240 2,306 | 5,591 | 766 422 | 663 | 440 321 | 5,674 | 4 | 293 | 228 | 152 | $\underline{227}$ |
| December... | 66.1 | 31, 151 | 541 | 419 | 1,791 | 4, 490 | 339 | 630 | 350 | 4, 632 | 4 | 244 | 217 | 11.4 | 236 |
| Monthly av... | 40.2 | 32,403 | 684 | 616 | 2,320 | 5,441 | 540 | 629 | 964 | 6,407 | 4 | 249 | 280 | 152 | 242 |
| $\begin{array}{r} 1035 \\ \text { January } \end{array}$ | 65.0 | 30,482 | 615 | 365 | 2,502 |  | 485 | 698 | 420 | 6,363 | 1 | 312 | 313 | 131 |  |
| February. | 63.0 | 36, 433 | 690 | 445 | 3,002 | 5, 133 | 442 | 777 | 395 | 6, 679 | 10 | 302 | 340 | 167 | 267 |
| March.... | 62.3 | 30, 601 | 788 | 671 | 3, 651 | 4, 503 | 607 | 897 | 509 | 7,331 | 4 | 434 | 441 | 151 | 304 |
| April... | 65.6 | 35, 432 | 726 | 644 | 4, 874 | 6,753 | 901 | 798 | 552 | 10,799 | 13 | 311 | 426 | 168 | 318 |
| May | 73.3 | 36,984 | 879 | 723 | 5,120 | 8,257 | 719 | 676 | 592 | 11,083 | 12 | 256 | 451 | 157 | 219 |
| June... | 91.1 | 29,859 | 908 | 672 | 4, 451 | 7,433 | 651 | 538 | 535 | 10,989 | 5 | 284 | 463 | 185 | 268 |
| July.. | 119.8 | 33, 734 | 1,004 | 639 | 5,757 | 7,048 | ${ }_{6}^{668}$ | 747 | 483 | 10, 827 | 5 | 400 | 515 | 177 | 322 |
| August.... | 125.8 | 33, 883 | 039 | 776 | 7,551 | 8,005 | 1,030 | 741 | 577 | 11,080 | 1 | 304 | 456 | 210 | 384 |
| Octuber.... | 80.0 102.9 | 30,014 21,775 | 782 915 | 662 564 56 | 5,121 5,491 | 7,631 | 1,956 1,178 | 615 658 | 583 812 8 | 8,500 8,916 | 11 | 281 404 | 422 | 170 219 | 302 373 |
| November.- | 98.6 | 22,368 | 681 | 583 | 4,785 | 8, 166 | - 699 | 719 | 715 | 8, 125 | 9 | 311 | $40 \pm$ | 211 | 383 |
| December.... | 98.3 | 19,493 | ${ }_{613}$ | 692 | 4, 901 | 5, 993 | 823 | 832 | 686 | 7, 195 | 8 | 459 | 162 | 188 | 357 |
| Monthly av..- | 88.0 | 30, 584 | 785 | 612 | 4,767 | 6,913 | 763 | 725 | 571 | 9,083 | 7 | 341 | 428 | 185 | 314 |

For foutnotes see p. 176.

## NONFERROUS METALS AND PRODUCTS—ALUMINUM, BABBITT METAL, AND COPPER



For footnotes see pp. 176, 177

NONFERROUS METALS AND PRODUCTS—LEAD, TIN, AND ZINC ORE

| $\underset{\text { Monti }}{\text { Year and }}$ | LEAD |  |  |  |  |  |  | TIN |  |  |  |  |  | ZINC |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Imports, ore, concentrates, pigs, bars, etc. ${ }^{1}$ | Ore |  | Refined ${ }^{2}$ |  |  |  | Con- sump- tion in <br> manu- <br> facture of tin terne- <br> plate ${ }^{\text {a }}$ | $\left\lvert\, \begin{gathered} \text { De- } \\ \text { live } \\ \text { eries } 4 \end{gathered}\right.$ | $\left\|\begin{array}{c} \text { Im-1- } \\ \text { ports, } \\ \text { bareks, } \\ \text { hloeks, } \end{array}\right\|$ | Wholesale price, Straits York) ${ }^{\circ}$ | Stocks, end of month |  | Ore, Joplin district? |  |
|  |  | Recelpts, lead content of do- mestic ore ${ }^{8}$ | Shipments, Joplin district ${ }^{\circ}$ | Wholesale price, verized (New York) | Produc- tion from domes- tic ore | Shipments, ported | Stocks, end of month |  |  |  |  | World, visible supply | United States | Shipments | Stocks, mond of month |
|  | Short tons |  |  | Dolls. per lb. | Short tons |  |  | Long tons |  |  | Dolls. per lb. | Long tons |  | Short tons |  |
| 1913 monthly av. | 4,762 |  | 3,936 | 0.0437 |  |  |  |  | 3, 658 | 3,880 | 0.4432 | 12,377 | 1,854 | 22,449 |  |
| 1914 monthly av-- | 2, 362 <br> 4.291 <br> 1 |  | 3,464 <br> 3,734 | . 03867 |  |  |  |  | 3,475 4,063 | 3, 536 | . 3856 |  | 1,700 | 20,139 <br> 23,530 |  |
| 1918 monthly av-. | 2, <br> 2, <br> 144 |  | 4,496 | . 0888 |  |  |  |  | 4,685 | 5,137 | . 4388 | 18, 585 | 3, 331 | 28,090 |  |
| 1917 monthly av.. | 6,523 |  | 5, 264 | . 0879 |  |  |  |  | 4,823 | 5, 344 | .6165 | 18, 803 | 2,284 | 33,546 |  |
| 1918 monthly av.. | 8,217 |  | 5,561 | . 0741 |  |  |  |  | 4, 862 | 5,302 | . 8680 | 13, 894 | 280 | 29,362 |  |
| 1919 monthly av.- | 5,909 |  | 5,683 | . 0576 |  |  |  | 1,575 | 2,692 | 3,337 | . 6.554 | 12,890 | 1. 630 | 33, 622 |  |
| 1020 monthly ${ }^{\text {av}}$-. | 8, 210 |  | 7, 8000 | . 0796 |  |  |  | 1, 1097 |  | 4,689 2,016 | - 5036 | 19, 726 | 3,321 3,351 | 46,461 |  |
| 1921 monthy 1922 monthly | 6, 689 | ${ }_{10} 36,317$ | 5,805 | . 04573 |  |  |  | 1, 102 | 2,160 4,788 | 5,016 | $\stackrel{.}{3258}$ | 19,698 | 2, 2851 | 26,192 44,426 | 68,003 |
| 1923 monthly av.. | 11, 274 | 44, 231 | 7,522 | . 0727 |  |  |  | 2, 057 | 5, 846 | 5, 74.5 | . 4271 | 21, 740 | 2, 867 | 58, 120 | 58, 649 |
| 1924 monthly av.. | 11, 472 | 47,755 | 8,336 | . 0810 |  |  |  | 1,875 | 5, 344 | 5,422 | -5020 | 21, 253 | 3,251 | 60,965 | 42, 003 |
| 1925 monthly av.. | 10, 177 | 53, 902 | 10,774 | . 0902 |  |  |  | 2,169 | 6,371 | 6, 387 | . 5790 | 19,538 | 2,800 | 67,767 | 25, 521 |
| 1926 monthly av.. | 12,296 | 56,503 | 10,865 | . 0842 |  |  |  | 2,260 | 6, 504 | 6,430 | . 6533 | 15, 386 | 2, 164 | 70,072 | 23,544 |
| 1927 monthly av.. | 13,449 | 55, 010 | 8,675 | . 0676 |  |  |  | 2,017 | 6,041 | 5,929 | . 6437 | 14, 925 | 2, 101 | 57, 420 | 23, 602 |
| 1928 monthly av..- | 12,920 | 53, 195 | 8, 224 | . 0631 |  | ${ }^{11} 63,450$ |  | 2, 214 | 6,572 | 6, 498 | . 5046 | 18,392 | 2,763 | 49,782 | 44, 550 |
| 1929 monthly av.- | 9, 672 | 54,862 47,064 | 8,367 3,819 | .0683 | 59,737 51,259 | 65, 255 <br> 53,115 | 63,988 | 2,385 2,233 | 7, 6128 | 7, ${ }_{6} \mathbf{7} 261$ | . 31719 | 25, 481 43,145 | 2,047 5,499 | 51, 697 37,110 | 38,700 38,176 |
| 1931 monthly av.. | 4,435 | 33, 748 | 2,232 | . 0424 | 35, 869 | 35, 829 | 134, 831 | 1,943 | 5, 288 | 5,505 | . 2446 | 56,345 | 6, 219 | 18, 384 | 72, 157 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January--. | 2,376 | 31, 279 | 5,722 | . 0375 | 32,180 | 28,689 | 160, 577 | 1,200 | 3, 650 | 2,412 | . 2184 | 60, 869 | 5. 342 | 12,071 | 88, 159 |
| February-----.... | 1,816 | 29,086 | 2,110 | . 0371 | ${ }^{28,081}$ | 26,812 | 166, 425 | 1,100 | 2, 825 | 2,254 | . 2203 | 60, 423 | 4, 578 | 14, 432 | 87, 917 |
| April | ${ }_{5}{ }^{1} 802$ | 24, 784 | ${ }^{2} 1$ | 0300 | 3, 346 | 26, 370 | 170, 104 | 1,460 | 3,285 | 3100 | . 1924 | 60, 847 | 3,746 | 18,008 | 86,998 |
| May | 1,628 | 23, 578 | 1,277 | . 0300 | 25,902 | 25, 105 | 174, 452 | 1,500 | 3, 135 | 3,725 | . 2095 | 59, 424 | 3,081 | 12,669 | 84, 681 |
| June | 5,534 | 24,584 | 952 | . 0299 | 26,068 | 22, 295 | 181, 044 | 1,600 | 3, 540 | 3,234 | . 1964 | 58, 198 | 3,759 | 13, 9192 | 71,069 |
| July... | 5,470 | 20, 939 | 976 | . 0275 | 15,819 | 20,448 | 180, 978 | 1,400 | 2, 265 | 3,098 | . 2093 | 60,360 | 4, 550 | 7,745 | 70,454 |
| August. | 381 | 20, 333 | 770 | . 0324 | 17, 118 | 29,624 | 175, 907 | 1,200 | 2,585 | 2,399 | . 2286 | 57, 392 | 4,450 | 7,192 | 67,002 |
| September | 5,563 | 20, 421 | 1,346 | . 0347 | 20,498 | 27, 682 | 173, 159 | 1,100 | 2, 680 | 2,668 | . 2476 | 57, 138 | 4, 191 | 11, 826 | 64, 136 |
| October- | 1,220 | 20,755 | 2,615 | . 0305 | 21, 092 | 31, 045 | 171, 445 | 1,400 | 3, 130 | 3,063 | . 2392 | 56, 899 | 4, 291 | 24, 735 | 61, 201 |
| November | 1,113 | 21, 245 | 1,990 | 0305 | 24, 465 | 23, 065 | 175, 532 | 1,300 | 3, 240 | 2, 582 | . 2332 | 56, 913 | 3,441 | 22, 280 | 42, 891 |
| December. | 480 | 26, 465 | 2, 298 | . 0300 | 21, 173 | 24, 089 | 176, 157 | 1,300 | 2, 645 | 3,786 | . 2269 | 56, 126 | 4,406 | 23,948 | 37, 600 |
| Monthly average.. | 2,876 | 24,023 | 1,887 | 0818 | 29,831 | 28, 438 | 172, 952 | 1,344 | 3, 027 | 2,802 | . 2201 | 58,759 | 4,207 | 15,097 | 69, 802 |
| January.... | 200 | 22,580 | 1,887 | . 0300 | 24,615 | 19,030 | 184, 693 | 1,360 | 3,725 | 2,757 | . 2270 | 54, 626 | 3,461 | 30,875 | 4, 515 |
| February | 2, 631 | 22, 299 | 1, 915 | . 0300 | 20, 033 | 17,349 | 189, 751 | 1,400 | 3,045 | 2, 262 | 2350 | 52, 951 | 2, 741 | 22, 263 | 18,343 |
| March | 66 | 24,037 | 2,298 | . 0315 | 24,684 | 21, 950 | 194, 251 | 1,310 | 3, 330 | 2,830 | . 2435 | 52, 038 | 2, 281 | 10, 976 | 19,987 |
| April | 193 | 17, 835 | 2,552 | . 0328 | 23, 385 | 25, 378 | 196, 827 | 1,460 | 4, 555 | 4,274 | . 2715 | 50, 198 | 2,040 | 10, 830 | 17, 167 |
| May | 20 | 17, 673 | 2,772 | . 0365 | 19,405 | 28, 197 | 197, 109 | 2,260 | 4, 835 | 5,725 | . 3691 | 49,046 | 3,036 | 13, 869 | 18, 108 |
| June. | 518 | 17,502 | 3,807 | . 0417 | 21,783 | 34, 825 | 193, 005 | 3,020 | 6, 145 | 6,839 | . 4421 | 46, 936 | 3,474 | 20,486 | 15, 232 |
| July-. | 58 | 17,877 | 2,908 | . 0445 | 18,526 | 45, 177 | 171, 275 | 2, 920 | 6,540 | 8,449 | . 4638 | 45, 209 | ${ }^{4,549}$ | 22, 111 | 14, 621 |
| August, | ${ }^{674}$ | 21, 958 | 4, 093 | . 0450 | 18,611 | 36, 054 | 160, 211 | 3, 110 | 8,020 | ${ }^{9}, 166$ | . 4474 | 40, 362 | 5,788 | 26, 605 | 10,496 |
| September | $\begin{array}{r}84 \\ 645 \\ \hline\end{array}$ | 26,369 <br> 29,847 | 5, 3,43 3,495 | .0450 .0431 | 28,021 35,399 | 29,129 33 | 166, 201 | 3,030 2,920 | 6, 105 | 5, 6885 | . 4665 | 36,129 34,109 | 6,003 6,684 | 28,952 | 14,064 13,787 |
| November- | 933 | 28,941 | 2,224 | . 0429 | 38,459 | 30, 719 | 187, 814 | 2,880 | 3,350 | 3,335 | . 5307 | 31, 961 | 6,769 | 19,083 | 15, 614 |
| Decomber. | 1,732 | 27,471 | 1,590 | . 0414 | 36,649 | 26, 034 | 203, 061 | 2,710 | 3,130 | 4,425 | . 5287 | 29, 464 | 7,504 | 2S, 255 | 12,000 |
| Monthly average.- | 638 | 22,886 | 2,006 | . 0387 | 25,788 | 28, 830 | 184, 910 | ${ }^{12} 2,409$ | 4,818 | 5, 237 | . 3812 | 43, 588 | 4, 526 | 22,328 | 18, 153 |
| January |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January. <br> February | 906 364 | 25,592 <br> 22,137 | 1, 1,404 | . 0400 | 34,818 31,892 | 33,911 25,778 | 207, 674 | 1,320 1,570 | ${ }_{2}^{3,310}$ | 3,604 <br> 1,944 | . 5188 | 28,724 | 8,209 7,014 | 20,802 21,600 | 19, 428 |
| March | 1,928 | 24, 375 | 3, 597 | . 0400 | 31, 379 | 30, 365 | 221, 465 | 2, 540 | 3, 835 | 3,569 | -5374 | 25, 010 | 6,459 | 26, 487 | 17, 211 |
| April | ${ }^{556}$ | 24, 005 | 2,933 | . 0418 | 28,723 | 30, 673 | 222, 892 | 2,480 | 4,405 | 3,307 | . 5560 | 22,886 | 5,649 | 25,689 | 16, 562 |
| May- | 1,639 | 25,729 | 3,390 | . 0414 | 34,741 | 29, 316 | 233, 245 | $\begin{array}{r}2,570 \\ \mathbf{2} \\ \hline 3\end{array}$ | ${ }_{3}^{4,110}$ | 3, 4,282 | . 5122 | 21,580 | 5,009 | - $24,309.3$ | 17, ${ }^{122}$ |
| June. | 3,150 | 21, 803 | 5,082 | . 0398 | 29,695 | 28, 276 | 238, 181 | 2,330 | 3,845 | 4, 242 | . 5122 | 20, 587 | 5,094 | 34, 934 | 21,788 |
| July | 1, 9c0 | 22,304 | 1, 518 | . 0377 | 27, 354 | 29,479 | 240, 595 | 1,240 | 3,575 | 4,900 | . 5182 | ${ }^{20,939}$ | ${ }_{4}^{6,461}$ | 11, 820 |  |
| August -.......... | 1,959 2,055 | 26, 080 | 2,238 | . 0375 | 22, 999 | 33, 606 | ${ }^{234}{ }^{23}, 312$ | 1,780 1,320 | 4,045 3,850 | 2,772 3,231 | . 5195 | 19, 18.76 | 4, 4,968 | 27, 688 31,782 | 16, 21.902 |
| October-............ | 2,726 | 26, 218 | 3, 18 183 | . 0365 | 31, 243 | 36,198 <br> 35 | 229, ${ }^{2359}$ | 1, 1440 | 2,825 | $\stackrel{3}{3,148}$ | - 5093 | 20, 624 | 4, 4,988 | 21, 203 | 17, 337 |
| November. | 797 | 23, 211 | 1,792 | . 0357 | 29,755 | 31,762 | 232, 934 | 1,290 | 4, 845 | 3, 859 | . 5122 | 19,239 | 4.048 | ${ }^{23} 3,083$ | 20, 674 |
| December.- | 851 | 25, 663 | 4,767 | . 0360 | 32, 500 | 34, 680 | 235, 457 | 1,400 | 4, 530 | 1,478 | . 5087 | 18, 172 | 2,638 | 36,82] | 17,609 |
| Monthly average... | 1,569 | 24, 394 | 2,777 | . 0388 | 30, 181 | 31, 651 | 228, 688 | 1218 2, 087 | 3,861 | 3,332 | . 5218 | 22,047 | 5,406 | 26, 699 | 17,955 |
| $\begin{array}{r} 1935 \\ \text { January_... } \end{array}$ | 3,000 |  |  | . 0369 |  |  |  |  |  |  | . 5087 | 18,535 |  | 20, 25: | 15,203 |
| February | 1,464 | 25,510 | 1,981 | . 0353 | 25, 103 | 32, 523 | 224, 638 | 2, 450 | 3,905 | 5 5, 196 | . 4096 | 23, 426 | 3, 371 | 32, 264 | 17, 649 |
| March | 443 | 25, 892 | 4, 229 | . 0358 | 30, 118 | 28,973 | 228, 580 | 3,100 | 5,495 | 8,612 | . 48018 | 22, 165 | 4, 531 | 36, 224 | 21,983 |
| April. | 477 | 27, 283 | 3,452 | . 0369 | 29, 857 | 40, 922 | 220,043 | 3,260 | 6, 825 | 5,234 | . 5010 | 20, 324 | 4, 295 | 28, 751 | 26, 552 |
| May | 1,430 | 24,302 22,952 | 1,157 | . 03996 | 33,202 29,332 | 32,341 26 | 225,057 | 3,100 280 | 3,950 4,615 | 5,324 5 | . 5110 | 19,074 16,221 | 4,930 5,467 |  | $\stackrel{\text { 22, }}{225}$ |
| June-- |  | 22,952 | 889 | . 0402 | 29,332 | 26,978 | 231,077 | 2,280 | 4,615 | 5,320 | . 3107 | 16,221 | 5, 467 |  | 22, 725 |
| July.- | 2,181 | 25,863 | 3,437 | . 0412 | 30,488 | 34, 575 | 230, 915 | 2,610 | 5, 290 | 4,179 | . 5222 | 16.173 | 3.227 | 28, 296 | 23, 529 |
| August | 1,143 | 299,890 | 6, 298 | . 0425 | 30,807 | 38, 195 | 227, 583 | 2,850 | 5, 320 | 4, 615 | . 5044 | 16,306 | 2,681 | 38, 584 | 25, 866 |
| September- | 1,440 | 28, 599 | 2, 628 | . 0441 | 29,358 | 37,615 | 224, 992 | 1,790 | 5,360 | 6,773 | - 4907 | 14, 564 | 2,849 | 30, 336 |  |
| October.... | 1,774 | 27,847 31,412 | 3,006 7,077 | . 04551 | 37,844 36,229 | 48,271 43,035 | 22E, 309 | 1,890 2,120 | 5, 355 4,035 , | 4,095 4,700 | . 5121 | 16,138 16,804 | 1,389 | 34,736 48,579 | 23, 25,393 |
| December--...-.--- | 1,217 | 31, 648 | 8,639 | . 0450 | 37,958 | 42, 333 | 222, 306 | 2, 350 | E, 360 | 6,287 | . 4977 | 15, 318 | 2,312 | 40,889 | 21,000 |
| Monthly average... | 1,322 | 27,404 | 4, 019 | . 0407 | 31, 387 | 38, 121 | 228, 088** | 18 13 2, 444 | 4, 828 | 6,356 | . 5039 | 17, 921 | 3,275 | 32,420 | 22,863 |

For footnotes see b. 177.

NONFERROUS METALS AND PRODUCTS—ZINC AND ELECTRICAL EQUIPMENT


For footnotes see p. 177.

## NONFERROUS METALS AND PRODUCTS-ELECTRICAL EQUIPMENT AND MISCELLANEOUS PRODUCTS

| $\mathrm{Y}_{\text {MAR }}^{\text {MONTA }}$ | ELECTHICAL EQUIPMENT |  |  |  |  |  | miscellaneous products |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Ranges, electric | Refrig- erators, house- hold ${ }^{2}$ | Vacuum cleaners: |  | $\underset{\substack{\text { Pulcanizer } \\ \text { fit }}}{ }$ |  | Brass and bronze (ingots and billets) |  | Brass, plumbing fixtures ${ }^{5}$ | Radiators, convection type ${ }^{0}$ |  |  | Wire cloth (brass, bronze, and alloy) ${ }^{\text {8 }}$ |  |  |  |  |
|  | $\begin{gathered} \substack{\text { Billed } \\ \text { sales }} \end{gathered}$ | Sales | Shipments |  | Contlon of fliberpaper$\qquad$ | Ship-ments | $\begin{aligned} & \text { Deliv- } \\ & \text { eries } \end{aligned}$ | $\begin{aligned} & \text { Unfilled } \\ & \text { orders, } \\ & \text { end of } \\ & \text { month } \\ & \text { mont } \end{aligned}$ | Ship-ments ments | Sales |  |  | Orders |  | $\left\|\begin{array}{c} \text { Pro- } \\ \text { duc- } \\ \text { tlon } \end{array}\right\|$ | Ship-ments | Stocks. month |
|  |  |  | Floor | $\begin{aligned} & \text { Hand } \\ & \text { Hype } \end{aligned}$ |  |  |  |  |  |  | ingeatments, includ- ing cabinets and grtles |  | New | Unflled, end of |  |  |  |
|  | $\begin{array}{\|c\|} \hline \text { Thous.of } \\ \text { dollars } \end{array}$ | Number |  |  | Thous. of pounds | $\begin{aligned} & \text { Thous. } \\ & \text { of } \\ & \text { dollars } \end{aligned}$ | Net tons |  | Number of pieces | Thous. of sq. ft .of heating surface |  | Dollars per lb. | Thousand of square feot |  |  |  |  |
| 1913 mo av. |  |  |  |  |  |  |  |  |  |  |  | 0.178 |  |  |  |  |  |
| 1914 mo.av- |  |  |  |  |  |  |  |  |  |  |  | . 140 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | . 2232 |  |  |  |  |  |
| 1917 mo.av. |  |  |  |  |  |  |  |  |  |  |  | $\bigcirc$ |  |  |  |  |  |
| 1018 mo.av- |  |  |  |  |  |  |  |  |  |  |  | . 347 |  |  |  |  |  |
| 1919 mo.av- |  | $\begin{aligned} & \begin{array}{l} 400 \\ 1,000 \\ 1,500 \\ 2,500 \end{array} \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 281 173 178 |  |  |  |  |  |
| 1922 mo. av. |  |  |  |  |  |  |  |  |  |  |  | 173 |  |  |  |  |  |
| 1923 mo.av- |  |  | ${ }^{84,692}$ |  |  |  |  |  |  |  |  | ${ }_{179}^{22}$ |  | 401 | 358 |  |  |
|  |  |  |  |  | $\begin{aligned} & 2,879 \\ & 2,404 \\ & 2,740 \\ & 3,742 \\ & 2,099 \\ & 1,469 \end{aligned}$ |  |  |  | --..... |  | -......-- | $\begin{aligned} & .194 \\ & .190 \end{aligned}$ |  | $\begin{gathered} 323 \\ 3060 \\ 306 \end{gathered}$ | ${ }_{4}^{438} 4$ | 418468 | 1,140 <br> 1,070 |
| 1028 mo.av- |  |  |  |  |  | 972673681801308366 |  | - ----- |  |  |  |  |  |  |  |  |  |
| 1927 mo.av- |  |  |  |  |  |  | 108, 121 |  | -....... | --....... | -.......... |  |  |  | 461 <br> 435 <br> 435 | 400 | 1,2361,2631,1271,037 |
| 1929 mo. av- |  |  |  | 11, 879 |  |  |  | $\left\lvert\, \begin{array}{r} 10 \\ 14,368 \\ 16,966 \\ 21,941 \end{array}\right.$ |  |  |  |  |  |  | ${ }_{456}^{436}$ | ${ }_{414}$ |  |
| 18330 mo av- | 639 |  |  | 17,500 15,921 |  |  | $\begin{aligned} & 8,109 \\ & 6,109 \\ & 3,810 \end{aligned}$ |  | ---7.... |  |  | - 1197 | $\begin{aligned} & 435 \\ & 325 \\ & 325 \end{aligned}$ | 234 172 | 392 315 | ${ }_{299}^{360}$ | 1,127 |
| 1932 | 152 |  |  |  |  |  |  |  |  |  |  |  | 340 | 164 | 204 |  | 80 |
| January |  | 33, 169 | 40,044 | 9, ${ }_{9} 1010$ | ${ }^{872}$ | 270 | 2,728 | 20,014 | ${ }^{664,204}$ | 119 128 | 257 211 | .133 .130 |  |  |  | ${ }^{289}$ |  |
| March.- | 495 | - 82,147 |  | 13,013 <br> 13,845 <br> 1 |  | 249216 | 边, 2,081 |  | 778, 7241 | 88807171 | 191 <br> 209 <br> 208 <br> 1 | 125 <br> 125 | 267 264 264 | 117 <br> 142 <br>  | ${ }_{3}^{317}$ | 285 <br> 285 <br> 8 | - 881 |
| April. |  |  |  | $\xrightarrow{13,846}$11,655 <br> 1 |  |  |  |  |  |  |  | . 125 | 264 <br> 200 <br> 10 |  |  |  |  |
| Juno.. | 462 | 151, 50 |  | 9,802 | 788 | 206 | 1,920 | 18, 186 | 743,916 | 103 | 191 | . 120 | 209 | 71 | 213 | 197 | 949 |
| July | $\begin{aligned} & 334 \\ & \left.\begin{array}{c} 395 \\ 298 \\ 289 \end{array}\right) \end{aligned}$ | 29, 280 | 21,697 | ${ }^{8,024}$ | 495 | 208 | 1,397 | 17,421 | 590, 154 | 85 | 196 | . 120 | 253 | 126 | 199 | 241 | 92 |
| Soptembe |  | 38,097 | ${ }^{31} 8$ | ${ }_{\substack{\text { 6, } \\ 7 \\ 7,085}}^{6,886}$ | ${ }_{753}^{664}$ | 255 | l |  | ${ }_{7}^{636}$, | ${ }_{126}^{156}$ | $\stackrel{111}{211}$ | .124 | 330 309 | 103 | ${ }_{209}^{281}$ | ${ }_{306}^{283}$ | 888 |
| Ooctober-- | 233228288188 |  | ${ }^{38,000}$ | 7,480 | 1,047 | ${ }_{245}^{280}$ | -1,969 | - 117.002 |  |  | 180 155 15 | . 125 | $\xrightarrow{288}$ |  | ${ }_{2}^{308}$ | 279 275 27 | $\stackrel{801}{801}$ |
| November.-. |  | 32, 310 | $\begin{aligned} & 53, \\ & 38,787 \\ & 38,727 \end{aligned}$ | ${ }_{9}^{9,518}$ | ${ }_{948}$ | 188 | 1, 492 | 16,373 | ${ }_{435,808}$ | ${ }_{54}^{48}$ | 155 <br> 142 <br> 1 | .125 | 3 | 130 | 263 | 275 227 | 921 |
| Mo. av.... | 342 | 64, 139 |  | 9, 886 | 872 | 238 | 1,914 | 18, 131 | 877, 859 | 95 | 194 | 125 | 274 | 120 | 267 | 284 | 916 |
| 1933 | $\begin{array}{r}32 \\ 188 \\ \hline\end{array}$ | ${ }_{\text {35, }}^{18,754}$ | $\begin{aligned} & 34,639 \\ & 40,07 \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January- |  |  |  | re, $\begin{array}{r}9,178 \\ 12,508\end{array}$ | 8818 | 204 | - | $\xrightarrow{15,034} 1$ | ${ }^{493,477}$ |  | ${ }_{86}^{98}$ | . 1110 | ${ }_{257}^{275}$ | ${ }_{110}^{109}$ | ${ }_{220}^{221}$ | ${ }_{220}^{257}$ | 8688 |
| March. | 202 <br> 266 <br> 385 <br> 428 | 58,494 127,917 | ${ }_{49}^{49} 880$ | (11,300 | ${ }_{8}^{874}$ | 187 206 | 1,586 | 15, 5151 |  | $\begin{array}{r}35 \\ 35 \\ \hline\end{array}$ | 尔 | .110 | 317 <br> 281 <br> 18 | 118 | ${ }_{268}^{268}$ | ${ }^{289}$ | 832 834 885 |
| ${ }_{\text {May }}$ |  | ${ }^{212}$ 213, 720 | 49,65444,520 | 17,387 | 1,357 | 285 | 3, 804 | 16,712 | 1,027, 887 |  | ${ }_{241}$ | .122 | ${ }_{642}$ | 406 | 294 | ${ }_{305}$ | 829 |
| Juno--- |  |  |  | 15, 611 | 1,964 | 404 | 4, 973 | 16,568 | 1, 1313,059 | 95 | 160 | . 133 | 484 | 648 | 468 | ${ }_{467}$ | 802 |
| July-.. |  | 128, 217 | 44,471 <br> 60, 24 | 14,255 | 2,032 | 434 | 5,601 | 15, 657 | t, 129, 134 |  | 173 | . 140 | 379 | 735 |  | 477 | 738 |
| ${ }_{\text {August. }}^{\text {Aup }}$ | $\begin{aligned} & 339 \\ & 350 \\ & 399 \end{aligned}$ | 95, 7113 70,189 |  |  | 1,948 | 446 |  | ctit 14.664 | 1,081, 843 | ${ }_{68}^{64}$ | 173 <br> 163 <br> 18 | . 148 | 491 <br> 362 | ${ }_{657}^{729}$ | 4 | ${ }_{462}^{492}$ | (1820 |
| October- | $\begin{aligned} & 465 \\ & 480 \\ & 409 \\ & 409 \end{aligned}$ |  |  | cifir9 | - 1,876 | 406 | 3,764 |  | cisp, 68.83 | 137 123 12 | 172 | . 148 | 316 <br> 325 <br> 325 | ${ }_{509}^{603}$ | ${ }_{4}^{459}$ | - 489 | ${ }^{136}$ |
| December.- |  |  |  | 25,287 | 1,591 | 313 | 2, 1245 | -14, 14.48 | 347, ${ }^{5268}$ | ${ }_{95}^{123}$ | ${ }_{96}^{100}$ | . 139 | 325 <br> 34 | 460 | ! 364 | 339 339 | ${ }_{698}^{698}$ |
| Mo. av.. | 331 | 88,759 | 48, 387 | 15,985 | 1,498 | 320 | 3, 242 | 15, 178 | 774, 969 | 73 | 142 | . 191 | 365 | 437 | 354 | 368 | 761 |
| 1034 | 235397731 |  | 47, 552 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January February |  | 35,212 <br> 82,439 |  | 18, 18080 | ¢, | 313 <br> 294 <br> 1 |  | 15, ${ }_{\text {15, }}^{152}$ | 552,353 660,820 | 126 45 | ${ }_{76}^{60}$ | .1388 | $\xrightarrow{368}$ | 459 | ${ }_{324}^{356}$ | ${ }_{311}^{312}$ | ${ }_{714}^{714}$ |
| Marchli... |  | ${ }^{151,668}$ | - $\begin{aligned} & 6,130 \\ & 69,945\end{aligned}$ | ${ }^{26,469}$ | 1,9088 | 387 | (12, ${ }^{12} 5$ | ${ }_{\text {ct, }}^{15} 5$ | 799, 582 | 77 | 97 | . 139 | ${ }_{691}^{691}$ | 798 | 430 | 388 | 748 |
| Apriy. | 1, ${ }_{1}^{1,1220}$ | 266, 268 |  | ${ }_{\text {24, }}^{242}$ | , | 357 432 |  | cis, 131 | 704, 816 | $\begin{array}{r}30 \\ 45 \\ \hline\end{array}$ | ${ }^{135}$ | . 1414 | 314 279 | ${ }_{7}^{75}$ | 418 | 378 <br> 325 <br> 25 | 788 814 |
| Juno. |  | 190, 010 | 62, 791 | 20, 458 | 1, 183 | 451 | 124,941 | 14, 226 | 740, 222 | 52 | 122 | . 144 | ${ }_{238}$ | 461 | 343 | 401 | 725 |
| July | 765743735735 | 120, 814 | 40,425 | ${ }_{18}^{12,826}$ | 1, 839 | 316 | (12 ${ }^{12} 4.317$ | 12,670 | ${ }^{\text {693, } 979}$ | 77 | ${ }_{178}^{128}$ | . 145 | 282 | 423 | ${ }_{281}^{282}$ | 3300 | ${ }^{718}$ |
| Aupust.in |  |  | $\begin{aligned} & 50,154 \\ & 6,936 \\ & 6,936 \end{aligned}$ | ${ }^{181,097}$ | ${ }_{1}^{1,332}$ | ${ }_{270}^{329}$ |  | $\xrightarrow[\substack{10,835 \\ 9,161}]{\text { c, }}$ | 707, 156 |  | 178 158 158 | . 145 | $\xrightarrow{359}$ | ${ }_{407}^{343}$ | ${ }_{3}^{382}$ |  | ${ }_{7}^{699}$ |
| Oetaber- | 735 582 532 53 58 |  |  | 2,147 21838 218 | come | 315 267 | (12, 12.106 |  |  | ${ }^{94}$ | 196 131 131 | . 114 | 417 437 43 | 441 | 357 | 371 | 73.3 |
| December.- | 532 519 | $\begin{aligned} & 2,2,718 \\ & 71,477 \\ & 7, \end{aligned}$ | $\begin{aligned} & 6,8,86 \\ & 71,278 \\ & 71,276 \end{aligned}$ | ${ }_{\text {23, } 220}^{21,82}$ | ${ }^{1} 1900$ | 270 | 12, ${ }^{12} 6888$ | 8,505 | 758, 548 | ${ }_{115}^{124}$ | 182 | .143 | 329 | 479 | ${ }_{317} 13$ | 281 | 743 |
| Mo. av-- | 700 | 114, 377 | 61, 438 | 20,501 | 1,658 | 338 | 4, 335 | 12,643 | 749, 747 | 74 | 130 | . 1 | 352 | 609 | 352 | 337 | 740 |
| 1935 | ${ }_{7}^{452}$ |  | 60,180 <br> 75,582 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Janiary- |  |  |  | ${ }_{22,72}^{18,744}$ | ¢, | 434 400 |  | $\xrightarrow[\substack{10,021 \\ 9,324}]{1}$ | ¢98,430 |  |  | . 1143 | ${ }_{309}^{409}$ | 4182 | ${ }_{374}^{393}$ | 435 357 | ${ }_{764}^{681}$ |
| March |  | 266, 931 | ${ }^{90}{ }^{90} 6$ | 2, 212,218 | ci, 1,835 | 430 | ${ }^{12}$ | ${ }^{\text {9, }}$, 632 | 1, 1466,418 | 48 | 87 | . 133 | 401 | 418 | 417 | 377 | 714 |
| ${ }_{\text {May }}$ |  |  | 79,330 | $l 3121$ | ¢ | 434 |  | $\xrightarrow{\text { 11, } 1141}$ | 1, 1 | 46 49 | 106 <br> 133 <br> 13 | -143 | 351 <br> 398 | 407 | - | 367 | ${ }_{797}$ |
| Junc.... | 1,361 | 161, 525 | 68,701 | 22, 521 | 1,76 | 363 | 4,111 | 10,643 | 995, 815 | 56 | 148 | :143 | 411 | 172 | 376 | 375 | 801 |
|  | -1,127 | ${ }_{110,261}^{151}$ | 56,906 6,128 | 13,950 | (1,579 | 344 | ${ }_{5}^{4,507}$ | -9,912 | 1,018, 178 | ${ }_{74}^{82}$ | 167 <br> 23 <br> 13 | .1864 | 411 417 | 509 $4 \times 6$ | 378 416 4 | 375 419 | ${ }_{781} 8$ |
| Septombe | 1 | ${ }_{53,622}$ | ${ }_{7} \mathbf{3}$ 343 | 167,278 <br> 27,78 | 1, 1 1, 423 | 420 | 5,195 | - | 11,195, 230 | ${ }_{59}$ | $\underset{187}{218}$ | . 112 | $\stackrel{417}{439}$ | ${ }_{5}^{486} 5$ | ${ }^{416}$ | 46 369 | 781 |
| October- | 1,239 | ${ }^{43,705}$ | 93, 627 | 29,047 | 1,782 | 509 | 6,294 | 18,309 | 1, 3ss, 845 | 114 | 231 | . 145 | ${ }_{3} 3$ | ${ }^{4 \times 3}$ | 442 | 410 | 741 |
| December.. | 1,108 | 75,903 | -66,763 | 26, 570 | 1,718 |  | 5,894 | 18,739 | ${ }^{1,11916,783}$ | 60 | 130 130 | .146 | 386 | 505 | 359 | 395 395 | 95 |
| Mo.av....... | 1,143 | 132, 532 ! | 75, 346 | 24,597 | 1,883 | 417 | 5,239 | 13,587 | 11, 072, 971 | 69 | 149 | 142 | 402 | 481 | 393 | 939 | 438 |

PAPER AND PRINTING-WOOD PULP

| Year and Monti | WOOD PULP ${ }^{1}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Consumption and shipments |  |  |  |  |  |  | Production |  |  |  |  |  |  |
|  | $\begin{gathered} \text { Total, } \\ \text { galiles } \end{gathered}$ | Ground- | Sulphate | Sulphite |  |  | Soda | $\begin{aligned} & \text { Total, } \\ & \text { all } \\ & \text { grades } \end{aligned}$ | $\begin{aligned} & \text { Ground- } \\ & \text { wood } \end{aligned}$ | Sulphate | Sulphite |  |  | Soda |
|  |  |  |  | Total | Bleached | $\underset{\text { bleached }}{\text { Un- }}$ |  |  |  |  | Total | leached | Uncached |  |
|  | Short tons |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1914 monthly average |  |  |  |  |  |  |  | 237, 130 | 107, 805 | 4,387 | 95, 944 |  |  | 28, 994 |
| 1915 monthly average... |  |  |  |  |  |  |  | 286, 250 | 125, 678 | 6,120 | 122, 200 |  |  | 32, 252 |
| 1917 monthly average. |  | 125,040 |  |  |  |  |  | 292, 495 | 127, 986 | 7,066 | 120, 980 | 37, ${ }^{-654}$ | 83, 326 | 36, 453 |
| 1918 monthly average. |  | 114, 912 |  |  |  |  |  | 276, 156 | 113, 709 | 11,864 | 121,386 | 46, 665 | 74,721 | 29,197 |
| 1919 monthly average. |  | 126, 409 |  |  |  |  |  | 280, 228 | 126,569 | 10,032 | 118,319 | 42,478 | 75,841 | 34, 308 |
| 1920 monthly average |  | 132, 780 |  |  |  |  |  | 318,476 | 131,993 | 15,721 11 506 | ${ }^{132}, 163$ | 45, 829 35 | 86,324 <br> 60 <br> 085 | 38,609 25 |
| 1921 monthly average |  | 105, 514 |  |  |  |  |  | 236,702 | 104, 975 123,649 | 11,506 20,307 | res, 177 | 35,112 44,408 | 60,085 70,118 | 25, 34.48 |
| 1923 monthly average. |  | 130, 844 |  |  |  |  |  | 311, 389 | 130,650 | 26,040 | 117, 602 | 44,487 | 71,115. | -34, $\begin{aligned} & \text { 37, } \\ & \text { 307 }\end{aligned}$ |
| 1924 monthly average |  | 130, 675 |  |  |  |  |  | 310, 272 | 136, 940 | 25, 228 | 111, 379 | 42, 180 | 69,189 | 36,725 |
| 1925 monthly average |  | 135, 365 |  |  |  |  |  | 324, 783 | 134,335 | 34, 147 | 116, 824 | 51,048 | 65,876 | 39,387 |
| 1926 monthly average |  | 146,441 |  |  |  |  |  | 361,609 | 147, 021 | 43,330 | 129,848 | 63,871 | 75,977 | 41, 410 |
| 1927 monthly average |  | 139, 334 |  |  |  |  |  | 354, 487 | 134, 201 | 60, 271 | 129,392 | 66, 691 | 72, 701 | 40, 623 |
| 1928 monthly average. |  | 136, 857 |  |  |  |  |  | 369,393 396,498 | 134, 249 | 64, 519 | 129, 905 | 60, 178 | 69,729 70 | 40, 720 |
| 1929 monthly average-- |  | 141, 822 |  |  |  |  |  | 396,498 379,251 356 | 136,471 130,018 120 | 75,907 79,126 | 140,726 130 1888 | 69, <br> 62, <br> 697 <br> 68 | 70,730 67,991 | 43, 394 3919 319 |
| 1931 monthly average. |  | 118, 188 |  |  |  |  |  | 356, 188 | 120, 770 | 86, 120 | 118, 127 | 61,734 | 56, 393 | 31, 171 |
| $\text { January } 1932$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February. |  | 106, 207 |  |  |  |  |  |  | 106, 956 | -------- |  |  |  |  |
| March. |  | 116, 270 |  |  |  |  |  |  | 118, 493 | -....... |  |  |  |  |
| April. |  | 108,297 110,847 |  |  |  |  |  |  | 120, 330 |  |  |  |  |  |
| June |  | 103, 148 |  |  |  |  |  |  | 96, 853 |  |  |  |  |  |
| July |  | 85, 048 |  |  |  |  |  |  | 76,482 |  |  |  |  |  |
| August---1 |  | 96,162 |  |  |  |  |  |  | 81,081 7869 |  |  | --.--.... | - |  |
| October-- |  | 96, 641 |  |  |  | -- |  |  | 80, 648 |  |  |  |  |  |
| November |  | 102, 8006 |  |  |  |  |  |  | 102, 285 |  |  |  |  |  |
| December |  | 96, 053 |  |  |  |  |  |  | 95, 101 |  |  |  |  |  |
| Monthly average |  | 102, 007 |  |  |  |  |  | 305, 888 | 100, 254 | 85,737 | 95, 470 | 49,745 | 45,725 | 24, 225 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February- |  | 81, 106 | - |  |  |  |  |  | 78,667 |  |  |  |  |  |
| March |  | 94, 609 |  |  |  |  |  |  | 92, 656 |  |  |  |  |  |
| April. |  | 92, 257 |  |  |  |  |  |  | 97, 626 |  |  |  |  |  |
| May |  | 108,868 113,508 |  |  |  | - |  |  | 116,436 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 12, 01 |  |  |  |  |  |
| July--- |  | 111, 905 |  |  |  |  |  |  | 104, 098 |  |  | ---... |  |  |
| August ${ }_{\text {Soptembe }}$ |  | 115, 583 |  |  |  |  |  |  | 102, 923 |  |  |  |  |  |
| October.- |  | 102, 949 |  |  |  |  |  |  | 103, 570 |  |  |  |  |  |
| November |  | 108, 798 |  |  |  |  |  |  | 108, 365 |  |  |  |  |  |
| December |  | 101, 192 |  |  |  |  |  |  | 103, 468 |  |  |  |  |  |
| Monthly average. |  | 101, 569 |  |  |  |  |  | 353, 522 | 99,786 | 104, 948 | 110, 831 | 80, 639 | 50, 082 | 38,149 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 370, 872 | 105,318 | 111, 685 | 119,439 | 64, 974 | 54,468 49 49 | 34,430 33, | 373,556 339 | 107, 470 | 111, 258 | 120, 940 | 66, 251 | 54,689 50,070 | 33, 888 |
| February | 341,715 383,515 | 93, 109, 293 | 100,710 112,007 | 114,093 124,598 | 64,826 <br> 68,503 | - 49,268 | 33,358 37,613 | 339,420 <br> 393,153 | 94, 115, 540 | 100,832 | 1127, 5549 | 61,979 70 | 50, 568 583 | 82,325 87,916 |
| April | 363,009 | 107, 105 | 101, 928 | 119, 388 | ${ }^{65}{ }^{5}, 083$ | 54,305 | 34,588 | 381, 451 | 122, 276 | 101,337 | 122,830 | 67,752 | 55, 578 | 35, 008 |
| May | 377, 560 | 122, 699 | 103, 741 | 113, 204 | 65, 611 | 47,693 | 37, 916 | 402, 500 | 131, 940 | 103, 658 | 127,773 | 75, 532 | 52, 241 | 39, 129 |
| June.- | 351,844 | 113, 587 | 93, 668 | 109, 313 , | 62,866 | 46, 447 | 35, 276 | 355, 604 | 109, 639 | 83, 595 | 116, 710 | 66, 276 | 50, 434 | 35, 560 |
| July | 335, 458 | 101, 307 | 93, 604 | 108, 645 | ${ }^{64,589}$ | 44, 056 |  | 322, 042 | 93, 109 | 93,343 |  |  |  |  |
| August | 363,485 | 105,843 100,284 | 101, 453 | 122, 773 | 70,193 <br> 6058 | 52,580 54,745 | 33,416 31,269 | 351,396 336,704 | -93, 495 | 102, 819 | 114, 7514 | 67,368 64,251 | 53, 546 50 | 34,168 30,656 |
| September | 342,735 <br> 388,538 | 100,284 12,575 | -96,879 | 115,303 125,259 | 60, 7058 703 | 54,745 54,866 | 31, 688 | 336,704 388,873 |  | 115,735 | 114,755 130,713 | 64, 251 72,896 | 50, 517 | 37,021 |
| November | 375,901 | 107, 032 | 109, 199 | 124,711 | 71,062 | 53, 549 | 34,959 31,56 | ${ }^{383}$ 38, 620 | 115, 094 | 108, 891 | 125, 160 | 70, 302 | 54,858 52 | 34,375 30,607 |
| December | 356, 796 | 109, 608 | 97, 691 | 117,941 | 63, 048 | 54, 893 | 31, 556 | 360, 643 | 113, 118 | 88, 107 | 118, 811 | 66,679 | 52, 132 | 30,607 |
| Monthly average. | 383, 640 | 107, 418 | 103, 718 | 118, 180 | 68, 247 | 61,838 | 34, 331 | S89, 677 | 108, 045 | 103, 856 | 120, 604 | 67, 857 | 52,647 | 34, 307 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | ${ }^{481}{ }^{4071} 176$ | 117, 357 | 118, 765 | 133, 647 | 76,842 | 57, 5005 | 37,407 39, | 410,389 <br> 382 <br> 107 | 120, 366 | 117, 822 | 134,416 | 76,719 73 | 57,697 | 37,785 38,984 |
| March | 413, 763 | 110,669 | 121, 795 | 140,042 | 83,438 | 56, 604 | 41, 257 | 417, 329 | 120, 162 | 121, 673 | 133,862 | 77, 651 | 56, 211 | 41, 632 |
| April. | 410,837 | 113, 002 | 118, 916 | 138, 438 | 80, 974 | 57, 464 | 40, 481 | 420, 700 | 123, 499 | 119, 274 | 137, 283 | 81, 709 | 55, 574 | 40, 644 |
| May- | 417,545 | 116, 206 | 120, 744 | 139,531 | 82, 322 | 57, 209 | 41, 064 | 420, 569 | 124, 551 | 120, 865 | 135, 554 | 78,402 | 57, 152 | 39, 690 |
| June. | 393, 095 | 105, 296 | 122,808 | 127, 304 | 77, 289 | 50,015 | 37, 687 | 385, 763 | 107, 008 | 121, 954 | 119, 001 | 70,584 | 48, 417 | 37,800 |
| July | 382,994 | 99, 507 | 123, 402 | 121, 473 | 74,498 | 46,975 | 38, 612 | 380, 122 | 92,737 | 123,773 | 124,728 | 78, 584 | 46, 144 | 38, 884 |
| August | 4100, 432 | 102,837 97 | 135, 349 | 130,501 126,986 | 76,693 | 53, 808 | 41, 385 37,887 | 400,771 382,224 | 90, 129 | 136, 441 | 133,063 130,952 | 78,821 77,165 | 54, 242 | 41, ${ }^{48,138}$ |
| October- | 432, 879 | 111, 363 | 136, 063 | 142, 804 | 79, 414 | 63, 390 | 42, 649 | 418, 895 | 100, 872 | 134,716 | 141, 288 | 79,019 | 62, 269 | 42, 019 |
| November. | 426, 328 | 111, 146 | 132, 623 | 140, 210 | 79,767 | 60, 443 | 42,349 | 419, 377 | 106, 462 | 133, 827 | 138, 250 | 76,699 | 61, 551 | 40, 838 |
| December........-- | 420,336 | 109, 175 | 128, 624 | 141, 390 | 78,985 | 62, 405 | 41, 147 | 418, 792 | 112, 552 | 129, 011 | 136, 889 | 75, 947 | 60,942 | 40,340 |
| Monthly average..... | 408, 355 | 108, 220 | 125, 782 | 134, 236 | 78, 381 | 55, 905 | 40, 117 | 408, 026 | 107, 802 | 125, 893 | 132, 780 | 77, 345 | 55,435 | 39, 852 |

For footnotes see pp. 177, 178

## PAPER AND PRINTING-WOOD PULP AND PAPER



[^2]PAPER AND PRINTING-PAPER (AMERICAN PAPER AND PULP ASSOCIATION)

| Year and Monti | TOTAL PAPER ${ }^{1}$ |  |  |  | BOOK PAPER ${ }^{\text {a }}$ |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Includ- <br> ing news- <br> print and <br> paper- <br> board <br>  <br> Produc- <br> tion | Excluding newsprint and paperboard |  |  | Coated |  |  |  |  |  | Uncoated |  |  |  |  |  | Price, cased, machine finished at mills: |
|  |  | Neworders | Pro-duction | Shipments | Orders |  | Protion | $\begin{gathered} \text { Percent } \\ \text { of po- } \\ \text { tential } \\ \text { capac- } \\ \text { ity } \end{gathered}$ | Shipments | Stocks, end of month | Orders |  | Pro-duction | Percent of potential capacity | Shipments | Stocks, end of month |  |
|  |  |  |  |  | New | Un- filled |  |  |  |  | New | $\begin{gathered} \text { Un- } \\ \text { filled } \end{gathered}$ |  |  |  |  |  |
|  | Short tons |  |  |  |  |  |  |  | Short tons |  |  |  |  |  | Short tons |  | $\begin{aligned} & \text { Dollars } \\ & \text { per } \\ & 100 \mathrm{lb} . \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February... |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  | 4.41 |
| March.... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4.41 4.41 |
| June............... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4.41 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4.41 |
| July-- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4.41 |
| August September. |  |  |  |  |  |  |  |  |  |  | --. |  |  | -.........- |  |  | 4.41 4.41 |
| October...- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4.41 |
| November... | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4.41 4.41 |
| Monthly av...... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4.43 |
| $\begin{gathered} 1933 \\ \begin{array}{c} \text { January-3 } \\ \text { February..... } \end{array} \end{gathered}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4. 03 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4. 03 4.03 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4. 083 |
|  |  |  |  |  | , |  |  | .-.......... |  |  |  |  |  |  |  |  | 4. 03 |
| May |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4.03 |
| July. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4.63 |
| July |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5.03 6.29 |
| September....... | -..-.-.-...--- |  | -....... | --.----- |  |  |  |  |  | --......- |  |  |  |  |  |  | 5. 29 |
| November.... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5. 29 5.29 |
| Monthly av-. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4. 58 |
| $1934$ | 651, 231 | 303, 012 | 334,868 | 324, 180 |  |  |  |  |  |  |  |  |  |  |  |  | 6. 33 |
| January | 632,229 <br> 754, <br> 60 | 305, 624 | 333,856 407,629 | 321, 860 |  |  |  |  |  |  |  |  |  |  |  |  | 5. 34 5.34 |
| February <br> March. | 676, 669 | 313, 853 | 345, 636 | 334, 143 |  |  |  |  |  |  |  |  |  |  |  |  | 5. 34 5.34 |
| April............ | 718, 9881 | 372,488 317,828 | 398, ${ }^{3128}$ | 387,221 338,582 | 15,306 | 4,484 | -17, 109 | 49.0 | 17,611 | 14,833 | 73, 738 | 25, 625 | 84, 973 | 46.5 | 84, 441 | 88 | 5. 34 5.34 |
| Juiy .-.......... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 712, 222 | 354,775 | 380, 387 | 382, 231 | 17, 113 | 6, 057 | 17, 650 | 48.1 | 17,570 | 14,429 | 73, 997 | 23, 194 | 83, 066 | 52.3 | 82, 463 | 57,683 | 5.34 |
| August Soptember....... | 645, 340 | 330, 826 | 327, 456 | 328, 511 | 14, 267 | 3,757 | 15,748 | 47.8 | 16, 089 | 14, 279 | 74, 022 | 25, 236 | 73, 243 | 53.6 | 77,003 | 54, 615 | 5.34 |
| October <br> November. | 765, 790 | 401,047 | 417,772 | 409,586 | 18,400 | 3,722 | 19,543 | 52.8 | 18,750 | 15,125 | 77, 426 | 24, 264 | 87, 394 | 59.7 | 85, 221 | 55, 297 | 5.34 |
|  | 659,313 623,119 | 327, 562 | 354, 708 | 343,971 325,897 | 15, 031 | 4, 4112 | 17, 538 | 4988 | 17, 817 | 14,812 13,396 | 72, 711 | 23, 2246 | 79, 74.427 | 59.0 56.7 | 75,627 74,725 | 58,268 57,715 | 5.34 5.34 |
|  | 673, 453 | 337, 529 | 357, 044 | 348, 925 | 15, 821 | 4,255 | 16,694 | 47.9 | 16,787 | 14,408 | 72, 384 | 24, 888 | 78, 951 | 52.8 | 78, 591 | 68, 140 | 8.84 |
| Moathly av $\qquad$ 1935 | 765, 906 | 438, 196 | 423, 582 | 428, 404 | 19, 768 | 4,815 | 19, 616 | 53.1 | 20, 151 | 14,721 | 86, 899 | 31, 564 | 88, 878 | 61.5 | 88, 400 | 59,061 | ${ }^{5.35}$ |
| February..... | 709, 055 | 383,549 <br> 397 <br> 190 | 386, ${ }^{\text {408, }} 276$ | 386, 688 | 19, 204 | 8, ${ }_{8}^{8,117}$ | 19, 162 | 58.2 <br> 61.4 | 19,351 | 14, 406 | 77, 571 | 28, 006 | 86,989 | 68.7 69.9 | 87, ${ }^{84,942}$ | 57,874 | 5.35 5.35 |
| Marcb.......... | 736, 459 | 382, 582 | 400,957 | 389, 524 | 20, 733 | 9, 106 | 21, 758 | 62.0 | 21, 215 | 14, 870 | 87, 282 | 30,975 | 96, 852 | 69.3 | 95, 237 | 60, 919 | 5.35 |
| May-.-......... | 786, 334 | ${ }^{433,153}$ | 439, 730 | 425,098 | 20,311 | ${ }^{9,794}$ | 20,756 | 58.8 | 19, 513 | 15,810 | 81, 320 | 27, 806 | 93, 358 | 69.9 | 87, 815 | 63,320 | 5.35 5.35 |
| June.----.......- | 721, 808 | 348, 775 | 388, 233 | 376, 018 | 15, 835 | 9,118 | 18,264 | 56.9 | 17, 215 | 16,861 | 72, 222 | 26,754 | 82,098 | 66.7 | 78, 740 | 66, 352 | 5.35 |
| July | 700, 349 | 356, 948 | 367, 345 | 367, 914 | 18, 464 | 8,798 | 19, 335 | 55. 8 | 19, 441 | 17,194 | 78, 190 | 29, 864 | 86, 121 | 63. 2 | 84, 996 | 70, 154 | 5.35 |
| August | 815, 830 | 440, 921 |  | 4434, 892 | 18,390 18 | 8,153 8888 | 19,363 | 69.4 | 17, 267 | 15,605 | 80,143 83,400 | 30,480 | 88,201 87,911 | 68.2 70.1 | 88,880 88,127 | 71,860 73,098 |  |
| Septomber-- | 756, ${ }^{\text {914,297 }}$ | 415,046 <br> 493,851 | 395,715 <br> 488,727 | 394 <br> 484,852 | 18,903 | 8,808 <br> 7,924 | 18, 619 | 64.3 |  | 16,595 | 83,400 88,329 | 32, 371 | 85, 894 | 70.1 72.4 | 88, 127 | 73,098 74,820 | [ $\begin{aligned} & 5.35 \\ & 5.35\end{aligned}$ |
| Novamber.-. | 783, 341 | 398, 139 | 410, 096 | 411, 434 | 19, 264 | 7,225 | 20, 066 | 58.1 | 20, 746 | 16,580 | 87, 252 | 35, 065 | 89, 262 | 66.4 | 91, 197 | 74, 399 | 5. 35 |
| December-.--- | 717, 604 | 369, 837 | 398, 141 | 383, 172 | 17,352 | 10,043 | 18,831 | 63.7 | 19,145 | 14,961 | 82, 558 | 37, 746 | 91, 075 | 71.5 | 84, 964 | 79,518 | 5.25 |
| $\text { Monthly av......... } \quad 768,784 \mid$ |  | 404, 849 | 418, 068 | 407, 891 | 19,090 | 3,413 | 19,873 | 69.7 | 19,753 | 15, 804 | 82, 749 | 31,410 | 90, 254 | 68. 2 | 88, 313 | 67, 497 | 6. 34 |
| $1936$ | 819,300 | 451, 268 | 469,036 | 472, 010 | 22, 352 | 10, 351 | 23, 106 | 63.4 | 23, 640 | 16, 243 | 98, 108 | 40, 212 | 101, 223 | 71.8 | 99, 769 | 81, 821 | ${ }_{8}^{5.25}$ |
| February-... | 753, 681 | 401, 523 | 410, 225 | 400, 525 | 22, 541 | 11, 364 | 21, 844 | 66. 8 | 22,752 | 15, 050 | 93, 960 | 43, 739 | ${ }^{96}$, 2068 | 73.9 | 96, 293 | -81,713 | 8.25 |
| March..-. | 776, 471 | 453, 983 485, 208 | 414, 714 | 413, 778 | 31,096 18,610 | 17, 314 | 24, 28.5 | 76.0 79.0 | -25, <br> 23,734 <br> 21 | 12,528 <br> 11,992 <br> 12 | 128, 902 | $65,508$ |  | 80.0 85.4 | ${ }^{105}$ 1116 689 | 73,349 |  |
| April. | 867, 931 | 485,208 415,828 | 496,498 | 485, 686 | 17, 610 | 11, 336 | 23, 225 | 79.0 | (1) $\begin{aligned} & 23,734 \\ & 21,308 \\ & 18\end{aligned}$ | 11, 12902 | 75, 5488 | 49, 339 | 107, 533 | 85.4 77.5 | 105,689 90,507 coser | ( $\begin{aligned} & 76,033 \\ & 82,280 \\ & 88,\end{aligned}$ | 5. 25 |
| June-..-......... | 797,826 | 406, 228 | 429,324 | 415, 506 | 16,502 | 8,218 | 19, 260 | 68.0 | 18,497 | 12,245 | 77,313 | 35, 013 | 86, 676 | 71.6 | 83,718 | 83,644 | 6. 25 |
| July August | - 846, 434 | 466, 482 | 474,040 | 480, 156 | 16, 876 | ${ }_{6}^{6,657}$ | 19, 226 | 66.3 | 18,885 | 12,878 | 82,107 | 33, 058 | 89, 210 | 73.4 | 86,040 | - $\begin{array}{r}87,036 \\ 88, \\ \hline 80\end{array}$ | 5.25 5.25 |
|  | -r33, 388 | 428, 592 | 439,669 | 427, 127 | 18, 8185 | 6,780 7,407 | 20,103 | 69.4 77 | 18, 283 | 12,884 <br> 12,157 | -85, 81204 | 33, 208 | 93, 9888 | 76.0 83.2 | 92,611 94,141 | ( ${ }^{88,970} \mathbf{9 4 , 5 4 8}$ | 6.25 <br> 5.25 |
| October <br> November |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| November.... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Monthly av.. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

For footnotes see p. 178.

PAPER AND PRINTING-FINE AND WRAPPING PAPER AND NEWSPRINT

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow{4}{*}{Year and Monte} \& \multicolumn{5}{|c|}{FINE PAPER \({ }^{\text {1 }}\)} \& \multicolumn{5}{|c|}{WRAPPING PAPER \({ }^{2}\)} \& \multicolumn{4}{|r|}{NEWSPRINT (CANADA) \({ }^{3}\)} \\
\hline \& \multicolumn{2}{|c|}{Orders} \& \multirow[b]{2}{*}{Pro* duc= tion} \& \multirow[b]{2}{*}{Shipments} \& \multirow[b]{2}{*}{Stocks, end of month} \& \multicolumn{2}{|c|}{Orders} \& \multirow[b]{2}{*}{Pro-duction} \& \multirow[b]{2}{*}{Shipments} \& \multirow[b]{2}{*}{Stocks, end of month} \& \multirow[b]{2}{*}{\[
\begin{aligned}
\& \text { Ex- } \\
\& \text { ports }
\end{aligned}
\]} \& \multirow[b]{2}{*}{\[
\begin{aligned}
\& \text { Pro- } \\
\& \text { duc- } \\
\& \text { tilon }
\end{aligned}
\]} \& \multirow[t]{2}{*}{Ship. ments from
mills min} \& \multirow[t]{2}{*}{Stocks at mills, month} \\
\hline \& New \& Unfilled \& \& \& \& New \& Un- \& \& \& \& \& \& \& \\
\hline \& \multicolumn{14}{|c|}{Short tons} \\
\hline 1913 monthly average. \& \& \& \& \& \& \& \& \& \& \& 12,233 \& \& \& \\
\hline 1914 monthly average... \& \& \& \& \& \& \& \& \& \& \& 24,382
20,384 \& \& \& \\
\hline 1915 monthly average... \& \& \& \& \& \& \& \& \& \& \& 20,384
38,601 \& \& \& \\
\hline 1917 monthly average. \& \& \& \& \& \& \& \& \& \& \& 45, 026 \& \& \& \\
\hline 1918 monthly average. \& \& \& \& \& \& \& \& \& \& \& 50, 425 \& 61, 251 \& 62,083 \& 13,325 \\
\hline 1919 monthly average. \& \& \& \& \& \& \& \& \& \& \& 55, 203 \& 67, 284 \& 67,922 \& 12,597 \\
\hline 1920 monthly average \& \& \& \& \& \& \& \& \& \& \& 59, 469 \& 72, 831 \& 72, 563 \& 10,682 \\
\hline 1921 monthly average. \& \& \& \& \& \& \& \& \& \& \& 62, 969
79,960 \& 67, 339
90 \& \(66,9: 0\)
90,631 \& 17,033
10,572 \\
\hline 1922 monthly average- \& \& \& \& \& \& \& \& \& \& \& 79, 9800 \&  \& \(\begin{array}{r}\text { 90, } \\ \text { 104, } \\ 193 \\ \hline 189\end{array}\) \& 10,572
14,745 \\
\hline 1924 monthly average. \& \& \& \& \& \& \& \& \& \& \& 101,615 \& 112, 750 \& 112, 013 \& 10,780 \\
\hline 1925 monthly average. \& \& \& \& \& \& \& \& \& \& \& 116, 805 \& 126, 851 \& 127, 016 \& 22,453 \\
\hline 1926 monthly average. \& \& \& \& \& \& \& \& \& \& \& 144, 332 \& 153, 811 \& 156, 568 \& 13, 011 \\
\hline 1927 monthly average 1928 monthly average. \& \& \& \& \& \& \& \& \& \& \& 156, 822 \& 173, 1812 \& 171, \({ }^{199} 989\) \& 30,044
40,909 \\
\hline 1929 monthly average. \& \& \& \& \& \& \& \& \& \& \& 209, 625 \& 227, 402 \& 226, 86,5 \& 26, 653 \\
\hline 1930 monthly average \& \& \& \& \& \& \& \& \& \& \& 194, 251 \& 208, 679 \& 207, 891 \& 45, 675 \\
\hline 1931 monthly average \& \& \& \& \& \& \& \& \& \& \& 187, 354 \& 185, 121 \& 183, 514 \& 44, 936 \\
\hline 1932 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline February \({ }^{\text {J }}\) \& \& \& \& \& \& \& \& \& \& \& 172, 1414 \& 168, 196 \& 168,997 \& 53,376
60,695 \\
\hline March \& \& \& \& \& \& \& \& \& \& \& 171, 651 \& 166, 691 \& 163, 850 \& 63, 687 \\
\hline April.- \& \& \& \& \& \& \& \& \& \& \& 138,786 \& 174, 615 \& 184, 694 \& 53, 784 \\
\hline Maye. \& \& \& \& \& \& \& \& \& \& \& 151,758 \& 173,841
161,618 \& 171,204
164,378 \& 52,971
49,957 \\
\hline July. \& \& \& \& \& \& \& \& \& \& \& 131, 780 \& 142,558 \& 145, 498 \& 46,991 \\
\hline August \& \& \& \& \& \& \& \& \& \& \& 152, 761 \& 157,987 \& 154, 949 \& 50, 004 \\
\hline September \& \& \& \& \& \& \& \& \& \& \& 119,277 \& 151, 174 \& 153,130
159,778 \& 48,473 \\
\hline November \& \& \& \& \& \& \& \& \& \& \& 153, 569 \& 163, 659 \& 166, 762 \& 44, 425 \\
\hline December \& \& \& \& \& \& \& \& \& \& \& 136, 093 \& 138, 750 \& 140, 838 \& 42,354 \\
\hline Monthly average.--- \& \& \& \& \& \& \& \& \& \& \& 148,084 \& 159, 526 \& 160, 186 \& 51,264 \\
\hline February \& \& \& \& \& \& \& \& \& \& \& 107, 446 \& 125, 437 \& 120,743 \& 64, 888 \\
\hline March. \& \& \& \& \& \& \& \& \& \& \& 138,005 \& 136, 780 \& 140,402 \& 50, 739 \\
\hline April.. \& \& \& \& \& \& \& \& \& \& \& 113, 139 \& 147, 372 \& 161,035 \& 37, 172 \\
\hline May-- \& \& \& \& \& \& \& \& \& \& \& 168, 719 \& \& \& 43, 327 \\
\hline June \& \& \& \& \& \& \& \& \& \& \& 152, 152 \& 173,386 \& 173,645 \& 43, 234 \\
\hline July. \& \& \& \& \& \& \& \& \& \& \& 167,303 \& 182, 531 \& 183, 802 \& \\
\hline August Saptembe \& \& \& \& \& \& \& \& \& \& \& 165,880
177,806 \& 196,603 \& \begin{tabular}{l}
196,703 \\
185,083 \\
\hline
\end{tabular} \& 41,792
37,289 \\
\hline October-. \& \& \& \& \& \& \& \& \& \& \& 171, 947 \& 103, 936 \& 192, 843 \& 38, 242 \\
\hline November \& \& \& \& \& \& \& \& \& \& \& 162, 203 \& 194, 853 \& 202, 237 \& 30, 828 \\
\hline December. \& \& \& \& \& \& \& \& \& \& \& 185, 637 \& 175, 042 \& 172,015 \& 33, 680 \\
\hline Monthly average... \& \& \& \& \& \& \& \& \& \& \& 153, 176 \& 168, 062 \& 189,735 \& 41,878 \\
\hline 1934 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline January \& 24, 099 \& 8 8,920 \& 28,846 \& 28,659 \& 48, 832 \& 97,590 \& 80,407 \& 115, 198 \& 106, 590 \& 74, 028 \& 187, 821 \& 188, 225 \& 184, 231 \& 34,803 \\
\hline February \& \& 8,639 \& \& \& \& \& \& \& \& \& \& \& 170, 5631 \& 38, 941 \\
\hline March. \& 33,764
23,978
3, \& 10,075
8,303

r \& 34,666
26, 334 \& 34,177
$\mathbf{2 5 , 9 7 6}$ \& 51,
49,836 \& 130,924
105,687
125 \& 70,471
76,803 \& 143,827
116,874 \& 140,351
108,706 \& 89,676
95,385 \& 239,443
157,031 \& 211, 317 \& 208,971
220,769
20,71 \& 41,313
36,889 <br>
\hline May. \& 30, 424 \& 7,050 \& 31, 208 \& 30, 522 \& 50,880 \& 122,555 \& \& 137, 663 \& 135, 314 \& 96,220 \& 222,071 \& 242, 493 \& 236, 764 \& 42, 694 <br>
\hline June. \& 22, 152 \& 6, 198 \& 23, 956 \& 23, 602 \& 51, 121 \& 101,605 \& 57,382 \& 109, 568 \& 109, 876 \& 95, 064 \& 202, 177 \& 229,637 \& 225,4419 \& 46,787 <br>
\hline July- \& 21, 615 \& 6, 277 \& 20,804 \& 21, 494 \& 50,431 \& 98, 620 \& 55,904 \& 103, 667 \& 101, 024 \& 88, 192 \& 212,845 \& 208, 238 \& 199, 023 \& 55, 133 <br>
\hline August. \& 26,532
23,388 \& 6,744
6
6 \& 27, 230 \& 28, 591
23

23 \& | 49,326 |
| :--- |
| 49 |
| 8.785 | \& 128,441 \& 50, 360

51,872 \& 134, 136 \& 135, 344 \& 96,704 \& 183,930 \& 218, 164 \& 209, ${ }^{1938}$ \& 61, 051 <br>
\hline October. \& 30,562 \& 6, ${ }_{6}^{613}$ \& 32, 388 \& 31, 606 \& 48, 548 \& 152, 894 \& 56, 733 \& 151, 019 \& 148, 223 \& 95, 986 \& 204, 904 \& 235, 021 \& 228, 921 \& 67, 825 <br>
\hline November \& 24, 367 \& 6,886 \& 24,737 \& 24, 522 \& 48,800 \& 116, 423 \& 51,005 \& 126, 441 \& 124, 175 \& 99, 816 \& 221, 553 \& 240, 889 \& 262, 206 \& 48, 451 <br>
\hline December. \& 23, 802 \& 7,460 \& 25, 267 \& 22, 190 \& 51, 804 \& 119, 125 \& 60,937 \& 120, 246 \& 111, 816 \& 104, 971 \& 259, 786 \& 239, 538 \& 254, 057 \& 29,990 <br>
\hline Monthly average. \& 25, 871 \& 7,434 \& 27,985 \& 26,850 \& 50, 122 \& 115, 325 \& 63, 103 \& 124, 121 \& 120, 414 \& 94, 025 \& 201, 190 \& 216, 807 \& 216,476 \& 46, 873 <br>
\hline 1935 \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline January. \& 38,880 \& 11,008 \& 36,514 \& 38,359 \& 51,728 \& 163, 198 \& 70, 219 \& 147,698 \& 150, 147 \& 103, 089 \& 184, 243 \& 201, 959 \& 180,026 \& 51, 918 <br>
\hline February \& 31,230
31,620 \& 10,281 \& 31, 310 \& 30,175
32660 \& 52,862

52,702 \& 128,971 \& 65, 517 \& 135, 078 \& | 134,484 |
| :--- |
| 137 |
| 189 | \& 100, 203 \& 146, 697 \& 180, 305 \& 160, 859 \& 71, 288 <br>

\hline April. \& 27, 175 \& 10,649 \& 30, 751 \& 28,936 \& 52, 880 \& 118, 858 \& 60, 867 \& 132, 986 \& 127, 543 \& 106, 385 \& 158, 924 \& 222, 235 \& 236, 005 \& 63, 527 <br>
\hline May.. \& 37, 596 \& 10,676 \& 30,114 \& 37, 428 \& 54, 610 \& 147, 153 \& 62, 098 \& 148, 984 \& 148, 493 \& 105, 337 \& 239,881 \& 242,093 \& 251, 979 \& 53, 847 <br>
\hline June. \& 25, 966 \& 8, 276 \& 31, 196 \& 29, 182 \& 56, 550 \& 118, 443 \& 65, 634 \& 132, 181 \& 129, 561 \& 107,000 \& 227, 215 \& 232,020 \& 228, 196 \& 57,884 <br>
\hline July \& 24,606 \& 9,421 \& 26, 650 \& 25, 910 \& 65, 716 \& \& \& \& 121,871 \& \& 219,461 \& 234,753 \& 226,884 \& 65, 468 <br>
\hline August \& 33, 624 \& 8,067 \& 36, 469 \& 35,439 \& 56, 931 \& 162,916 \& 60, 807 \& 160, 510 \& 159, 808 \& 105, 116 \& 220, 866 \& 235, 649 \& 225,736 \& 75, 329 <br>
\hline Soptember \& 28,666
37,763 \& 9,269
8,666 \& 28,494
39,075 \& 28,599
38,959 \& 56,903
56,504 \& 141, 641 \& 70, 788 \& 175, ${ }_{178} \mathbf{2 7 8}$ \& 132,926 \& 107, 856 \& 208, ${ }^{2012}$ \& 223, 892
266,515 \& 225,403
266,679 \& 73,743
73,318 <br>
\hline November \& 29, 802 \& 8 8,245 \& 31,281 \& 30,709 \& 56, 867 \& 134, 343 \& 73, 774 \& 138, 523 \& 140, 060 \& 105, 468 \& 244, 037 \& 262, 854 \& 285, 179 \& 50,639 <br>
\hline December. \& 29,912 \& 8,857 \& 31, 633 \& 28,355 \& 60, 206 \& 125, 290 \& 71,348 \& 131, 544 \& 127, 051 \& 108, 178 \& 277,838 \& 244,732 \& 285, 233 \& 30, 100 <br>
\hline Monthly average. \& 31,403 \& 9,499 \& 32,979 \& 32,059 \& 65, 371 \& 140, 289 \& 66, 282 \& 141, 743 \& 140,481 \& 105, 209 \& 214, 582 \& 229,441 \& 229, 304: \& 62, 123 <br>
\hline
\end{tabular}

For footnotes see p. 178.

PAPER AND PRINTING-NEWSPRINT AND PAPERBOARD

| Year and Month | NEWSPRINT (UNITED STATES) |  |  |  |  |  |  |  | Paperboard (bureau of the census) ${ }^{1}$ |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\left\|\begin{array}{c} \text { Con- } \\ \text { sump- } \\ \text { tion } \\ \text { by pub- } \\ \text { lishers } \end{array}\right\|$ | $\text { Im- }_{\text {ports }}$ | Price,rolls,contractdestina-tion(N. $\mathbf{Y}$.basis): | Pro-ductions | Shipments from $^{\text {mills }}{ }^{3}$ | Stocks, end of month |  |  | Con-sumption of waste paper | Orders |  | Production |  | Stocks of waste paper, end of month |  |
|  |  |  |  |  |  | mitls: | $\begin{gathered} \text { At } \\ \text { pub- } \\ \text { lishers } \end{gathered}$ | $\begin{gathered} \text { In } \\ \text { trans- } \\ \text { it to } \\ \text { pub- } \\ \text { lishers } \end{gathered}$ |  | New | Unfilled | Total | Percent of capacity | $\begin{gathered} \text { At } \\ \text { mills } \end{gathered}$ | In trans- it, and un- shipped pur- chases |
|  | Short tons |  | $\underset{\substack{\text { Dor shors } \\ \text { ton }}}{\substack{\text { Dollar }}}$ | Short tons |  |  |  |  |  |  |  |  |  | Short tons |  |
| 1913 monthly average |  | 18,320 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1914 monthly average- |  | 26, 290 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1915 monthly average-- |  | 30,701 39 3019 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1917 monthly average |  | 46, 593 |  | 113,251 | 113,858 | 31, 713 | 124, 789 |  |  |  |  |  |  |  |  |
| 1918 monthly average- |  | 49,689 |  | 105, 024 | 106,049 | 24, 035 | 154, 952 | 41,155 |  |  |  |  |  |  |  |
| 1919 monthly average.- |  | 52,311 |  | 114,543 | 114, 880 | 23,929 | 155, 185 | 40, 883 |  |  |  |  |  |  |  |
| 1920 monthly average- |  | 60, 822 66,042 |  | 125,997 102,103 | 125, 215 | 23, 23 | 144, 712 | 52,006 28,211 |  |  |  |  |  |  |  |
| 1922 montthly average-- |  | $\begin{array}{r}\text { 66, } \\ 885 \\ 88 \\ \hline\end{array}$ |  | 102, 103 | 102,172 | 29,940 <br> 223 <br> 18 | 188,797 | 28, 211 |  |  |  |  |  |  |  |
| 1923 monthly average.- | 128,119 | 109, 070 |  | 123, 750 | 123, 111 | 22, 207 | 175, 797 | 40, 601 |  |  |  |  |  |  |  |
| 1924 monthly average-- | 136,829 | 113, 103 |  | 123,452 | 123, 402 | 29,416 | 176, 855 | 33,042 |  |  |  |  |  |  |  |
| 1925 monthly average.- | 148, 897 | 120,702 |  | 127, 527 | 127, 862 | 26, 867 | 152,733 | 32, 205 |  |  |  |  |  |  |  |
| 1926 monthly average-- | 166,780 | 154, 223 | 71.80 71.80 | 140, 352 | 140, 399 | 16,712 | 143, 043 | 36,194 43,820 |  |  |  |  |  |  |  |
| 1928 monthly average-- | 172,988 | 165, 1789 | 71.80 | 118, 131 | 122,877 | 24, <br> 35,198 <br> 18 | 198, 650 | 43, 220 <br> 46,078 |  |  |  |  |  |  |  |
| 1929 monthly average.- | 190, 244 | 201, 892 | 62.00 | 116, 023 | 117, 437 | 27,388 | 186, 486 | 50,040 |  |  |  |  |  |  |  |
| 1930 monthly average.- | 176, 501 | 189, 971 | 62.00 | 106, 864 | 105, 672 | 27, 756 | 212, 978 | 42, 528 |  |  |  |  |  |  |  |
| 1931 monthly average.- | 164, 142 | 172, 053 | 57.00 | 96, 453 | 96,486 | 33, 262 | 195, 828 | 39,348 |  |  |  |  |  |  |  |
| $1932$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 151, 1881 | $\begin{aligned} & 166,516 \\ & 127,089 \end{aligned}$ | 53.00 53.00 | 94,389 87,685 | 94,692 87,168 | 32, 3208 | 1921, 666 | -37, ${ }^{313}$ |  |  |  |  |  |  |  |
| March. | 156, 205 | 151,786 | 53.00 | 99, 955 | 94, 332 | 38, 478 | 175, 566 | 34, 670 |  |  |  |  |  |  |  |
| April | 148, 351 | 185, 301 | 63.00 | 91, 490 | 94, 260 | 35, 694 | 188, 207 | 33, 295 |  |  |  |  |  |  |  |
| May | 152, 321 | 175,876 | 53.00 | 86,963 | 88, 199 | 34, 368 | 182,507 | 31,692 |  |  |  |  |  |  |  |
| June. | 138, 204 | 145, 992 | 53.00 | 85, 089 | 83,753 | 36, 512 | 186, 672 | 25, 361 |  |  |  |  |  |  |  |
| July--- | 131, 823 | 138,856 | 53.00 | 73, ${ }^{\text {703 }}$ | 78,322 | 33,793 | 182, 725 | 28,561 |  |  |  |  |  |  |  |
| August | 123,873 | 147,669 | 53.00 51.25 | 79,334 70,352 | 77,182 73,079 | 35,708 | 188, 436 | 26, 195 |  |  | -- |  |  |  |  |
| October. | 144,993 | 148, 291 | 45.00 | 78, 521 | 76,661 | 32,841 | 186, 459 | 20,586 |  |  |  |  |  |  |  |
| November | 145, 889 | 155, 499 | 45.00 | 83, 308 | 85,491 | 20,710 | 171,798 | 28,758 |  |  |  |  |  |  |  |
| December | 132, 761 | 135, 430 | 45.00 | 79, 899. | 78, 826 | 21, 783 | 172, 272 | 24, 171 |  |  |  |  |  |  |  |
| Monthly a verage | 141, 328 | 149, 345 | 50.39 | 84, 049 | 84, 164 | 33, 267 | 181, 645 | 30, 159 |  |  |  |  |  |  |  |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 127, 446 | 130,917 | 45.00 | 74,422 | 72, 703 | 23, 335 | 166,954 | 24, 601 | 146, 918 | 207, 214 | 36,065 | 205,326 | 52.3 | 145, 756 | 21,865 |
| February | 118, 307 | 94, 908 114,752 | 45.00 45.00 | 67,607 76,565 | -66,826 | 24,296 22,759 | 157, 489 | 27,347 23691 | 161,683 178,424 | 207,705 250,480 | 38,505 63,542 | ${ }_{237}^{205,871}$ | 58.8 | 131, 225 | 27, 135 |
| April. | 132, 032 | 139, 213 | 40.00 | 74, 415 | 75,966 | 21, 240 | 149, 637 | 27,066 | 191, 100 | 238, 022 | -70,099 | 223, 245 | 54.9 58.2 | 131, 651 | 28, 254 |
| May | 160,773 | 157, 365 | 40.00 | 79, 991 | 77,671 | 34, 477 | 137, 451 | 24, 290 | 240, 223 | 294, 460 | 76, 719 | 287, 032 | 68.7 | 107, 149 | 31, 177 |
| June. | 130, 879 | 142, 732 | 40.00 | 84, 352 | 87, 383 | 35, 673 | 136, 342 | 24, 061 | 234, 476 | 349, 650 | 144, 307 | 292,967 | 76.2 | 93, 229 | 28, 928 |
| July.-. | 132, 482 | 163, 434 | 40.00 | 80,396 | 82,925 | 36, 146 | 157, 118 | 26, 278 | 238, 716 | 268, 546 | 128,638 | 283, 272 | 79.0 | 90, 172 | 26, 626 |
| August. | 127, 837 | 151,210 | 40.00 40.00 | 85,327 72,785 | 83,447 74,833 | 39, 146 | 171, 011 | 30,934 34 34 | 260,154 220,215 | 307, 321 | 118, 298 | 312, 747 | 77.3 | ${ }^{106}$ 10622 | 22, 607 |
| October | 152, 098 | 175, 711 | 40.00 | 82, 052 | 81, 580 | 27, 198 | 178, 159 | 36, 679 | 187, 173 | 185,026 | 62, 177 | 228, 416 | 60.1 | 145, 866 | 18,033 |
| November | 154, 834 | 176, 766 | 40.00 | 87, 567 | 86, 829 | 25, 707 | 184, 875 | 40, 746 | 171,913 | 199, 059 | 55, 080 | 206, 933 | 54.1 | 161, 118 | 32, 981 |
| December | 148, 427 | 168, 787 | 40.00 | 80, 895 | 82, 031 | 24, 572 | 109, 845 | 37, 557 | 147, 692 | 169, 116 | 48, 920 | 176,337 | 47.1 | 175, 023 | 21,540 |
| Monthly average | 136, 744 | 149, 462 | 41.25 | 78, 885 | 79, 181 | 28, 018 | 162, 985 | 29,788 | 198, 216 | 242, 781 | 78, 148 | 242, 728 | 69.0 | 128, 812 | 26, 363 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| anuary | 140, 955 | 168,752 | 40.00 | 83, 181 | 82,720 | 24,585 | 208, 895 | 34,737 | 173, 300 | 220, 554 | 63, 665 | 233, 182 | 57.3 | 178, 545 | 27,779 |
| February | 153, 958 | 124, 584 | 40.00 | 71, 233 | 68, 257 | 27, 837 | 192,808 | 38,345 | 180, 765 | 238, 225 | 75,759 | 227, 140 | 63.9 | 197, 540 | 37, 085 |
| April. | 156, ${ }^{1621}$ | 168,839 196,490 | 40.00 40.00 | 83,532 79,609 | 88,849 82,383 | 24, 21.881 | 192, 335 | 45, <br> 439 <br> 43 | 229, 772 | 273, 298 | 86,440 76,867 | 263, 199 | 65.0 66.7 | 206, 060 | 31,348 28,493 |
| May | 193, 088 | 204, 036 | 40.00 | 89, 726 | 91, 032 | 20, 317 | 216, 061 | 46, 200 | 176,018 | 233, 877 | 81, 293 | 231, 107 | 56.4 | 227, 877 | 27,707 |
| June. | 154, 175 | 200,004 | 40.00 | 83, 517 | 79, 853 | 24, 123 | 241, 136 | 28, 915 | 207, 476 | 218, 369 | 73,473 | 228, 078 | 57.4 | 221,836 | 15, 970 |
| July- | 150, 500 | 197,227 | 40.00 | 76, 184 | 70,097 | 30, 180 | 253,489 | 28,202 | 228, 313 | 207, 352 | 74,088 | 208, 252 | 62.7 | 233, 048 | 27,726 |
| August. | 145, 095 | 171, 390 | 40.00 | 80, 904 | -90,688 | ${ }^{20,526}$ |  |  | 208, 332 |  |  |  | 58.6 61.4 |  |  |
| Septemb | 151,900 | 159,944 <br> 201,146 | 40.00 40.00 | 74,120 80,562 | 71,337 <br> 81 <br> 189 | 23,284 22,679 | 241,893 <br> 236,734 | 42, 818 | 207, 768 | 239,196 269,857 | 73, 114 69,198 | 243,764 <br> 267,456 | 61.4 64.1 | 244,467 231,094 2 | 28,618 33,005 |
| November | 172, 287 | 194, 392 | 40.00 | 74, 851 | 79, 129 | 18, 043 | 244, 388 | 35, 391 | 196, 461 | 220, 841 | 62, 537 | 229, 754 | 57.9 | 226, 941 | 27, 764 |
| December. | 165, 496 | 222, 897 | 40.00 | 79, 777 | 86, 495 | 12, 170 | 277, 125 | 46, 237 | 173, 314 | 207, 589 | 65, 784 | 205, 518 | 53.9 | 223, 692 | 20,000 |
| Monthly average. | 159,447 | 164, 142 | 40.00 | 80, 117 | 80, 543 | 22, 815 | 291, 502 | 37,618 | 200, 829 | 239, 858 | 72,884 | 296, 642 | 59.8 | 220,797 | 27, 363 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January.. | 157, 870 | 160, 973 | 40.00 | 80, 298 | 75, 491 | 17, 113 | 261, 282 | 38,622 | 210, 812 | 273, 151 | 80, 987 | 262,026 | 62.9 | 210, 520 | 35, 073 |
| March.. | 171,139 | 181,597 | 40.00 | 73, 303 | 74,491 | 17, 114 | 210,072 | 34, <br> 32,725 | 231,584 | 268, 360 | 84,041 79 | 275, 770 | 69.1 | 214, 287 | 34, 170 |
| April | 166, 122 | 188,700 | 40.00 | 74,651 | 78, 872 | 15, 440 | 203, 672 | 33, 288 | 217, 300 | 265, 730 | 79, 298 | 260, 851 | 64.8 | 214, 680 | 30, 233 |
| May | 201, 970 | 227, 330 | 40.00 | 84, 141 | 83, 825 | 15, 873 | 203, 353 | 37, 342 | 219, 767 | 259, 995 | 80, 367 | 262, 463 | 62.7 | 222, 519 | 33, 481 |
| June | 161, 884 | 202, 878 | 40.00 | 77, 010 | 76,994 | 16, 294 | 211, 071 | 29, 914 | 213, 523 | 248,656 | 78,020 | 256, 665 | 66.5 | 230,365 | 32, 864 |
| July. | 153,811 | 190, 872 | 40.00 | 72, 797 | 71, 213 | 17, 887 | 223, 364 | 29, 220 | 217, 934 | 259,486 | 78, 241 | 260, 207 | 61.4 | 233, 784 |  |
| August | 148, 142 | 195, 057 | 40.00 | 75, 160 | 74, 676 | 18, 235 | 232, 200 | 26,100 | 246, 537 | 297, 349 | 86,767 | 291, 127 | 63.7 | 228, 137 | 32, 432 |
| Oeptemer. | 160, 558 | 1920, 272 | 40.00 40.00 | 71, ${ }^{762}$ | 73,067 82,220 8 | 16, 460 | 221, 114 | -38,703 <br> 34 <br> 1 | 244,963 <br> 288 <br> 188 | ${ }^{307}{ }^{3} 1,103$ | 105, 088 | 289, 596 <br> 345 <br> 896 | 74.1 | 220, 998 | 38, 420 |
| November | 187,448 | 234, 305 | 40.00 | 78,955 | 82,220 81,161 | 14, 1273 | 222, 377 | - $\begin{aligned} & 34,754 \\ & 41,727\end{aligned}$ | 288, 318 | -372, 477 | 107, 8871 | 349, 294, 290 | 79.5 73.8 | 214, 298 | 36, $\mathbf{3 4 4}$ |
| December. | 186, 514 | 249, 876 | 40.00 | 75, 869 | 79,672 | 10, 221 | 240, 838 | 53, 302 | 196, 429 | 234, 753 | 81, 894 | 243, 594 | 60.8 | 211, 029 | 35, 269 |
| Monthly average... | 170, 425 | 198, 610 | 40.00 | 76, 033 | 76, 438 | 15, 823 | 224, 401 | 35, 824 | 228, 783 | 242, 781 | 85, 841 | 274, 505 | 67.8 | 218, 506 | 36, 211 |

For footnotes see p. 178.

# PAPER AND PRINTING-PAPER PRODUCTS AND PRINTING 



For footnotes see pp. 178, 179.

RUBBER AND RUBBER PRODUCTS-CRUDE AND SCRAP RUBBER


For footnotes see p. 179.

# RUBBER AND RUBBER PRODUCTS-AUTOMOBILE TIRES AND TUBES ${ }^{1}$ 

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow{4}{*}{Year and Montr} \& \multicolumn{4}{|c|}{PNEUMATIC CASINGS} \& \multicolumn{4}{|c|}{INNER TUBES} \& \multirow{3}{*}{\[
\begin{aligned}
\& \text { RAW MA- } \\
\& \text { TERIALL } \\
\& \text { SUMNED, } \\
\& \text { FABRICS }
\end{aligned}
\]} \\
\hline \& \multirow[b]{2}{*}{Produe-
tion} \& \multicolumn{2}{|l|}{Shipments} \& \multirow[b]{2}{*}{Stocks, end of month} \& \multirow[b]{2}{*}{\[
\begin{aligned}
\& \text { Produe- } \\
\& \text { tion }
\end{aligned}
\]} \& \multicolumn{2}{|l|}{Shipments} \& \multirow[b]{2}{*}{Stocks, end of month} \& \\
\hline \& \& Total \& Domestic \& \& \& Total \& Domestic \& \& \\
\hline \& \multicolumn{8}{|c|}{Thousands} \& Thousands of pounds \\
\hline 1921 monthly average \& 2,275 \& \multirow[t]{5}{*}{\[
\begin{aligned}
\& 2,434 \\
\& 2,336 \\
\& 3,739 \\
\& 4,711 \\
\& 4,782
\end{aligned}
\]} \& \& \multirow[t]{5}{*}{5,396
6,491
7,545
7,105
7,610} \& 2873 \& \multirow[t]{5}{*}{\[
\begin{aligned}
\& 2,744 \\
\& 3,843 \\
\& 4,685 \\
\& 5,344 \\
\& 6,321
\end{aligned}
\]} \& \& \& \multirow[t]{2}{*}{8,928
12343} \\
\hline 1922 monthly average \& \multirow[t]{2}{*}{3,411} \& \& 3, 230 \& \& 3, 936 \& \& 2,710 \& 5,478
7,500 \& \\
\hline 1023 monthly average. \& \& \& 3, 591 \& \& 4,769 \& \& 4,595 \& 9,308 \& 13, 149 \\
\hline 1924 monthly average. \& \multirow[t]{2}{*}{4,235
4,899} \& \& 3,992 \& \& 5,553 \& \& 6, 238 \& 9,400 \& 15, 824 \\
\hline 1025 monthly average. \& \& \& 4, 633 \& \& 6,449 \& \& 6,190 \& 10,374 \& 18,700 \\
\hline 1926 monthly average. \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 5,010 \\
\& 5,296
\end{aligned}
\]} \& \multirow[t]{2}{*}{4,798
5,261
5, 2690} \& 4, 678 \& 10,599 \& 6, 192 \& 5,785 \& 5,699 \& 16, 938 \& 18,008 \\
\hline 1927 monthly avergeo \& \& \& 5,041 \& 10,832 \& 5, 6 , 843 \& \({ }_{6}^{6,135}\) \& 6,001
6,339 \& 15, 873 \& 19,312 \\
\hline 1928 monthly average \& \multirow[t]{2}{*}{5,
4,814
4,299} \& \multirow[t]{2}{*}{5,870
4,625
4,201} \& 5, \({ }_{5}^{5172}\) \& 11, 343 \& 6,743
6,170 \& 6,487 \& 6,339
6,159 \& 15,630
16,016 \& 25,027
24,527 \\
\hline 1930 monthly average. \& \& \& 4, 305 \& 11,599 \& 4,594 \& 4, 815 \& 4,672 \& 12, 672 \& 24,027 \\
\hline 1931 monthly average \& 4,095 \& 4,206 \& 4, 054 \& 9, 265 \& 4,097 \& 4,241 \& 4,135 \& 9,505 \& 16,822 \\
\hline \multicolumn{10}{|l|}{1932} \\
\hline January.. \& \multirow[t]{2}{*}{3,480
3,891} \& \multirow[t]{2}{*}{3,269
2,566} \& \multirow[t]{2}{*}{3,197
2,478} \& \multirow[t]{2}{*}{7,952
8,218} \& \multicolumn{2}{|l|}{\multirow[b]{2}{*}{\begin{tabular}{l|l}
3,442 \\
3,871 \\
3,548 \\
3,280
\end{tabular}}} \& \multirow[b]{2}{*}{3,480
2,704
2
2,651} \& 7,819 \& 15,953 \\
\hline Fcbruary \& \& \& \& \& \& \& \& \begin{tabular}{l} 
7, \\
8 \\
8,574 \\
9,51 \\
\hline
\end{tabular} \& 16, 428 \\
\hline April. \& 3,690 \& 2,969
3,716 \& 3,626 \& 9,927
8,895 \& \multirow[t]{2}{*}{3,267
3,454
3,} \& \multirow[t]{2}{*}{3,429
3,917} \& \multirow[t]{2}{*}{3,366
\(\mathbf{3 , 8 4 3}\)} \& \multirow[t]{2}{*}{9,564
9,030} \& \multirow[t]{2}{*}{14,545} \\
\hline May \& 3,839 \& 4, 280 \& 4,177 \& 9.426 \& \& \& \& \& \\
\hline June. \& 5,672 \& 10,116 \& 10,013 \& 5, 024 \& 5, 347 \& 9,137 \& 9, 064 \& 5,242 \& 22, 040 \\
\hline July.. \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 3,635 \\
\& 3,105
\end{aligned}
\]} \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 2,416 \\
\& 2,668
\end{aligned}
\]} \& \multirow[t]{3}{*}{2,318
\(\begin{aligned} \& 2,594 \\ \& 3,592 \\ \& 3,028\end{aligned}\)} \& \multirow[t]{2}{*}{} \& 2,976 \& 2,188 \& 2,119 \& 6,053 \& 18,863 \\
\hline August.-. \& \& \& \& \& 2,784 \& \& 2,489 \& \multirow[t]{2}{*}{5, 828} \& 13, 275 \\
\hline September. \& 2,551
\({ }_{2}\)
5 \& 3,098 \& \& \[
\begin{aligned}
\& 6,692 \\
\& 6,127
\end{aligned}
\] \& \multicolumn{2}{|l|}{2, 635} \& 3,090 \& \& 11,046 \\
\hline November \& \multirow[t]{2}{*}{2,
\(\mathbf{2}, 983\)
\(\mathbf{1}, 98\)} \& \multirow[t]{2}{*}{1,720
1,828} \& \multirow[t]{2}{*}{1,641
\(\mathbf{1 , 7 6 5}\)} \& \[
\begin{aligned}
\& 6,911 \\
\& 7,492
\end{aligned}
\] \& \multirow[t]{2}{*}{2,031
1,802} \& \multirow[t]{2}{*}{1,599
\(\mathbf{1 , 7 4 6}\)} \& \multirow[t]{2}{*}{1,546
1,707} \& \multirow[b]{2}{*}{6,748
68} \& 10, 172 \\
\hline December. \& \& \& \& \[
\begin{aligned}
\& 7,492 \\
\& 7,683
\end{aligned}
\] \& \& \& \& \& 10,272
7,865 \\
\hline Monthly average. \& \multirow[t]{2}{*}{3, 957} \& \multirow[t]{2}{*}{8, 871} \& \multirow[t]{2}{*}{8, 287} \& \multirow[t]{2}{*}{7,715} \& \multirow[t]{2}{*}{3, 114} \& \multirow[t]{2}{*}{8, 200} \& \multirow[t]{2}{*}{8, 148} \& \multirow[t]{2}{*}{7, 398} \& \multirow[t]{2}{*}{14,109} \\
\hline 1933 \& \& \& \& \& \& \& \& \& \\
\hline February \& \begin{tabular}{l} 
2,262 \\
2, \\
\\
\hline 13
\end{tabular} \& 2, 201
2,296 \& 2,518
2,209 \& 7,249 \& \multirow[t]{2}{*}{2, \(\begin{aligned} \& \text { 2, } 242 \\ \& 1,898 \\ \& 1\end{aligned}\)} \& \multirow[t]{2}{*}{2,120
1,918} \& \multirow[t]{2}{*}{2,074
1,873} \& \multirow[t]{2}{*}{6,409
6,421} \& 9,312 \\
\hline March. \& \multirow[t]{2}{*}{2,041
3,129} \& \multirow[t]{2}{*}{2,095
3,660} \& \multirow[t]{2}{*}{\begin{tabular}{l}
2,023 \\
3,598 \\
\hline
\end{tabular}} \& 7,302 \& \& \& \& \& 8,159 \\
\hline Aprii.. \& \& \& \& 6,785 \& \begin{tabular}{l}
1,898 \\
\(\mathbf{2} 876\) \\
\hline
\end{tabular} \& 1,918 \& 1,873
3
3 \& 6,421 \& 13,411 \\
\hline May \& \multirow[t]{2}{*}{5,198
\(\mathbf{8 , 1 1 0}\)} \& 5,189 \& 5,104 \& 6,771 \& 4,739 \& 4,500 \& 4,448
5,766 \& 6,434 \& 21,511 \\
\hline June.... \& \& 6,316 \& 6, 231 \& 6, 626 \& 5,493 \& 5,825 \& 5,766 \& 6, 147 \& 25,068 \\
\hline July.- \& \multirow[t]{2}{*}{\[
\begin{gathered}
5,722 \\
5,002
\end{gathered}
\]} \& \multirow[t]{2}{*}{5, 506
4,715} \& 5,414 \& \multirow[t]{2}{*}{6,855
7,081} \& \multirow[t]{2}{*}{5, 648
4,957} \& \multirow[t]{2}{*}{5, 254
4,726} \& \multirow[t]{2}{*}{\begin{tabular}{l} 
6, 179 \\
4,644 \\
\hline
\end{tabular}} \& \multirow[t]{2}{*}{6,493
6,683} \& \({ }^{23,886}\) \\
\hline August-.. \& \& \& \multirow[t]{2}{*}{3, 398} \& \& \& \& \& \& 21, 565 \\
\hline Septeraber \& 4,006 \& 3, 509 \& \& 7,607
88
8 \& 3, 368 \& 3, 501 \& 3,426 \& 7,066 \& \multirow[t]{2}{*}{14, 251} \\
\hline November. \& \multirow[t]{2}{*}{3,044} \& 2,201 \& 2,433
2,111 \& 8,262
9,268 \& 2,887 \& 2,120 \& 2,061 \& 8, 696 \& \\
\hline December. \& \& 3,537 \& 3,414 \& 8,903 \& 2,652 \& 3,437 \& 3,347 \& 7,879 \& 12, 803 \\
\hline Monthly average. \& \multirow[t]{2}{*}{3,781} \& \multirow[t]{2}{*}{3,680} \& \multirow[t]{2}{*}{3,588} \& \multirow[t]{2}{*}{7,525
9,684} \& \multirow[t]{2}{*}{3,675} \& \multirow[t]{2}{*}{8,477

3,109} \& 3,415 \& 6, 884 \& 15, 818 <br>
\hline 1934 \& \& \& \& \& \& \& \& \& <br>
\hline January \& 3, 922 \& 3,222

3,285 \& | 3,137 |
| :--- |
| 3,202 |
| 1 | \& 9,

10,

124 \& 3, 5071 \& ${ }_{3}^{3,193}$ \& | 2,108 |
| :--- |
| 3,385 | \& 0, 167 \& 16,946

19,300 <br>
\hline March... \& 6, 180 \& 4, 223 \& 4,089 \& 11,651 \& 5,194
4
4
4 \& 4, 118 \& 4, ${ }^{3,27}$ \& 10, 244 \& 21, 575 <br>
\hline April. \& 4,770 \& 4, 438 \& \& \multirow[t]{2}{*}{$\begin{array}{r}11,981 \\ 11,127 \\ \hline 10\end{array}$} \& \& 4,342 \& 4,269 \& 10, 585 \& 19,970 <br>
\hline May \& 4,456 \& 5, 332 \& 5 5,205 \& \& 4,359 \& 4, ${ }_{5} 802$ \& 4,807 \& 10,043
8,795 \& 19,366 <br>
\hline June.-. \& 4,342 \& 5,228 \& 6, 109 \& 10,218 \& 4,097 \& 5, 309 \& 5,215 \& 8,795 \& 18,263 <br>
\hline July \& 3,353 \& 4, 157 \& 4,076 \& 9,437 \& 3,531 \& 4,323 \& 4,260 \& 8,053 \& 13,678 <br>
\hline August-- \& 3, 533 \& 4,308 \& 4,218 \& 8, 697 \& 3,680 \& 4,198 \& 4,127 \& 7,555 \& 14, 149 <br>
\hline September. \& 2,936 \& 3, 183 \& 3, 085 \& 8,419 \& 3,110 \& 3,024 \& 2,960 \& 7,639 \& 13, 342 <br>
\hline October-... \& 3,287
3,341 \& ${ }_{3}^{3,010}$ \& 2,921

3,120 \& | 8,657 |
| :--- |
| 8,779 |
| 8 | \& 3,219

$\mathbf{3 , 1 6 9}$ \& 2,080
2,767 \& ${ }_{2}^{2,621}$ \& 88,151 \& 13, 776 <br>
\hline Decomber. \& 3,778 \& 3,109 \& 3,012 \& 9,455 \& 3,503 \& 2,850 \& 2,773 \& 8, 180 \& 16, 110 <br>
\hline Monthly average. \& S, 936 \& 8, 891 \& s, 793 \& 9,903 \& 3,852 \& 3,754 \& 3, 008 \& 8,860 \& 16,844 <br>
\hline 1935 \& \& \& \& $\bigcirc$ \& \& \& \& \& <br>
\hline January.. \& 4,626 \& 3, 663 \& 3,576
3,208
3 \& 10,308
11,530 \& 4,259
4,171 \& 3,722
3,362 \& 3,649
3,299 \& 9,021 \& 20, 214 <br>
\hline March.-. \& 4, 446 \& 4, 204 \& 4,124 \& 11, 675 \& 4,123 \& 4,168 \& 4,103 \& 10, 406 \& 18, 127 <br>
\hline April. \& 4,512 \& E, 144 \& 5,059 \& 11, 003 \& 4,259 \& 4,453 \& 4,384 \& 10, 170 \& 18, 499 <br>
\hline May.. \& 4, 175 \& 4, 007 \& 3, 969 \& 11, 131 \& 3,892 \& 3,451 \& 3,388 \& 10, 615 \& 17, 864 <br>
\hline June... \& 3,910 \& 4, 262 \& 4,187 \& 10,755 \& 3,480 \& 4,024 \& 3,959 \& 10,050 \& 10, 201 <br>
\hline July-...-. \& 3,532 \& 5,447 \& 4,342 \& 8,850 \& 3,251 \& 5, 269 \& 6, 209 \& 8, 005 \& 15, 328 <br>
\hline Atgest Soptembor \& 3,983
3
3 \& 4,739
3
3 \& 4, 471 \& 7,805 \& 3, 894 \& 4, 556 \& 4,503 \& 6,939 \& 17,081 <br>
\hline Oeptober... \& 3,787

4,051 \& | 3,303 |
| :--- |
| 4,095 | \& 3,235

4,022 \& 8,288 \& 4,125
4,435 \& 3,426

4,027 \& | 3,377 |
| :--- |
| 3,869 | \& 7,565 \& 15, ${ }_{17} 663$ <br>

\hline November- \& 3,997 \& 3, 990 \& 3',913 \& 8,249 \& 3,942 \& 3, 747 \& 3,688 \& 8 8,161 \& 17,6965 <br>
\hline Docember- \& 4, 051 \& 4,154 \& 4,087 \& 8, 196 \& 4,048 \& 4,034 \& 3,986 \& 8,231 \& 10,830 <br>
\hline Monthly average....-...... \& 4,090 \& 4, 196 \& 4,093 \& 9, 881 \& 3,990 \& 4,020 \& 9,959 \& 8, 029 \& 17, 881 <br>
\hline
\end{tabular}

For footnotes see p. 180.

RUBBER AND RUBBER PRODUCTS-FABRICS AND RUBBER AND CANVAS FOOTWEAR


For footnotes see p. 180 .

## RUBBER AND RUBBER PRODUCTS-RUBBER HEELS AND SOLES ${ }^{1}$

| Year and Month | RUBBER HEELS |  |  |  |  |  | RUBEER SOLES |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Produc-tion | Shipments |  |  |  | Stocks, end of month | $\begin{gathered} \text { Produc- } \\ \text { tion } \end{gathered}$ | Shipments |  |  |  | Stocks, end of month |
|  |  | Total | Export | Repair trade |  |  |  | Total | Export | Repair trade | Shoe nianu-facturers |  |
|  | Thousands of pairs |  |  |  |  |  |  |  |  |  |  |  |
| 1923 monthly average. | 15,243 | 14,061 |  | 4, 172 | 9,889 | 33, 962 |  |  |  |  |  |  |
| 1924 monthly average. | 15, 523 | 15, 163 |  | 4,750 | 10,412 | 33, 110 |  |  |  |  |  |  |
| 1825 monthly average. | 17,247 | 16,971 15,282 | 1719 770 | B,727 B, 614 | 10,764 8,899 | 40,569 48,590 | 8 1,801 1,021 | ${ }^{\mathbf{3} 1,756}$ | 215 35 | 3278 146 | 1,464 799 | 3,429 3,129 |
| 1927 monthly average. | 16,692 | 16,384 | 912 | 6,958 | 8,514 | 43,823 | 2, 263 | 2,297 | 85 | 662 | 1, 661 |  |
| 1928 monthly average. | 19,598 | 18, 547 | 950 | 7,844 | 9,752 | 48,727 | 3, 137 | 2,994 | 204 | 916 | 1.873 | 4,529 |
| 1929 monthly average. | 19,344 | 20, 100 | 1,032 | 7,064 | 12, 009 | 45, 267 | 2,875 | 2,426 | 64 | 589 | 2, 273 | 3,713 |
| 1930 monthly averago. | 14, 838 | 16, 427 | ${ }^{935}$ | 5,702 | 8,790 | 34, 975 | 2,460 | 2,483 | 60 | 362 | 2, 061 | 2,022 |
| 1831 monthly average | 14,700 | 14,849 | 587 | 4,842 | 9,419 | 28,796 | 2, 835 | 2,889 | 48 | 258 | 2,563 | 2,537 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 12,316 | 12,425 | 290 | 3,431 | 8,704 | 24,515 | 3,411 | 3,226 |  | 264 | 2,954 | 2,085 |
| February | 14,787 | 13, 883 | 259 | 4,675 | 88748 | 25, 807 | 3,461 | 3,213 | 3 | 285 | 2,925 | 2,428 |
| March... | 16, 368 | 13, 114 | 305 | 3,785 | 9,424 | 27, 933 | 3,953 | 3, 773 | 2 | 252 | 3,320 | 2,691 |
| April | 11,737 | 8,874 | 280 | 2,656 | ${ }_{6}^{6,938}$ | 28,340 | 2,292 | 2, 210 | 1 | 252 | 2,087 | 2,759 |
| June. | 11,299 | 12, 304 | 266 | 3,708 | 8,330 | 27, 736 | 2,461 | 2,500 | 5 | 133 | 2,362 | 2,374 |
| July | 9,868 | 10, 141 | 261 | 2,449 | 7,432 | 27, 397 | 2,419 | 2,407 | 14 | 113 | 2,280 | 2,308 |
| August | 11,073 | 14,395 | 187 | 4, 260 | 9,948 | 24, 449 | 2,599 | 2, \%60 | 12 | 140 | 2,508 | 2,373 |
| October-- | 14, 205 | 18,220 | 233 | 5, 520 | 12,183 10 10 | 20,534 21029 | 5,081 | 4,793 | 7 | 215 | 4,131 4,519 | 2,024 |
| November. | 14, 162 | 13, 188 | 184 | 3,966 | 8, 038 | 21, 749 | 4,780 | 4,420 | 5 | 316 | 4,098 | 2, 559 |
| December. | 12,433 | 13,641 | 258 | 2,423 | 10,960 | 20,337 | 4,647 | 5,265 | 6 | 209 | 5,050 | 2,369 |
| Monthly average. | 12, 887 | 13, 130 | 258 | 8, 786 | 8,086 | 24, 884 | 8, 471 | 3,454 | $\theta$ | 217 | 3,292 | 2, 381 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |
| January- | -13,142 | 11,336 10 | 2209 | 2,433 2,809 | 8,694 7,758 | 21, 808 | 4,247 4,008 | 3, ${ }^{3,777}$ | $\frac{1}{3}$ | 275 | 3,602 <br> 3,362 | 2,766 |
| March | 11, 222 | 10,761 | 170 | 2,677 | 7,914 | 25, 548 | 3, 959 | 3,690 | 0 | 271 | 3,419 | 3, 302 |
| April. | 10, 353 | 12,383 | 281 | 4,441 | 7,661 | 23,740 | 3, 108 | 3,256 | 1 | 246 | 2,988 | 3,215 |
| May- | 10, 427 | 20, 484 | 182 | 6, 883 | 13, 419 | 22,688 | 5, 209 | 5,482 | 0 | 335 | 5, 146 | 3,006 |
| June | 23,479 | 27,717 | 284 | 7,165 | 20, 278 | 18,402 | 6,094 | 6,786 | 5 | 395 | 6,386 | 2,228 |
| July | 21,496 | 20,116 | 293 | 6, 184 | 13, 638 | 19,861 | 5, 154 | 5,024 | 4 | 436 | 4.684 | 2,333 |
| August ${ }^{\text {September }}$ | 22,632 | 18,410 | ${ }_{206}^{282}$ | 7,352 | 10,775 | 24, 123 | 5,177 | 4,392 | 8 | 579 | 3, 806 | 3,011 |
| September | 19,621 | 14,809 | 306 | 4, 635 | 9,868 | 28, 637 | 4,351 | 3,803 | 3 | 281 | 3, 618 | 3, 645 |
| November. | 15,955 | 11,287 | 337 | 4, 562 | 6, 398 | 38, 436 | 4,054 | 2,763 | 2 | 409 | 2,351 | S, <br> 4, <br> 1,280 |
| December | 13,625 | 12, 738 | 322 | 3,215 | 9,201 | 37, 528 | 4, 496 | 4, 527 | 3 | 281 | 4,244 | 4,281 |
| Monthly average. | 18,924 | 15, 424 | 269 | 4,888 | 10,471 | 28,649 | 4,508 | 4,242 | $s$ | 352 | 3,887 | 3,398 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| February | 16, 293 | 20, 543 | 175 | 9, 273 | 11, 096 | 38,986 | 5, 711 | 5, 804 | 1 | 617 | 6, 186 | 5,010 |
| March. | 19, 003 | 19,151 | 347 | 6, 605 | 12, 199 | 39,692 | 5,726 | 5,770 | 3 | 632 | 5,235 | 4, 838 |
| April. | 17, 802 | 16, 999 | 328 137 | 4, 673 | 11,991 | 39,961 | 5,018 | 4,739 | 5 | 275 | 4,459 | 4,989 |
| June.- | -19,412 | 20,1513 20,5 | 426 | $\stackrel{6}{6,946}$ | 16, 142 | 退39,446 | 4,772 | 5,050 | 10 | 241 | 4,387 4,709 | 6,360 4,858 |
| July. | 15, 803 | 15,656 | 346 | 4,485 | 10, 825 | 38,997 | 3, 082 | 3, 277 | 2 | 318 | 2,950 | 4, 833 |
| August | 18, 605 | 15,493 | 339 | 4,936 | 10, 218 | 42, 140 | 3, 601 | 3, 601 | 2 | 382 | 3, 218 | 4, 894 |
| September | 13,911 | 13, 218 | 219 377 | 4, 079 | 8, 921 | 42, 652 | 2,952 | 3, 1107 | 2 | 455 | 2,660 | 4,718 |
| October--- | 14,437 | 16, 889 | 377 326 | ${ }_{4}^{5,238}$ | 11, 273 | 40,016 | 3,239 3 3 | 3,217 | 13 | 588 | 2,699 | 4, 656 |
| December | 13, 428 | 14,076 | 359 | 4,435 | 10, 281 | 37,751 | 3,400 | 3,592 | 3 | 685 530 | 3, 059 | 4, 329 |
| Monthly average... | 16, 504 | 16, 822 | \$18 | 5, 051 | 11,45s | 39, 811 | 4,298 | 4,361 | 4 | 450 | 3, 807 | 4,859 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |
| January-- | 14,351 | 16,630 | 296 | 5,667 | 10,667 | 35, 811 | 3,705 | 3,696 | 9 | 650 | 3, 037 | 4, 311 |
| February | 16,334 | 15, 260 | 221 | 4,777 | 10, 262 | 36, 950 | 3, 243 | 3,601 | 7 | 704 | 2, 800 | 3,948 |
| April. | 16, 17.173 | 16,926 18,764 | 439 241 | 5, 102 <br> 7,405 | 11, 385 | 36,349 34,869 | 3,357 | 3,410 3,543 | 7 | 563 | 2,840 2,905 | 3,904 |
| May | 20, 262 | 19,668 | 336 | 7,471 | 11,850 | 35, 602 | 3,607 | 3,701 | 6 | 505 | 3,100 | 3,733 |
| June. | 19, 105 | 18, 694 | 356 | 5, 578 | 12, 760 | 34, 250 | 3,567 | 3,509 | 8 | 380 | 3,121 | 3,887 |
| July. | 17, 836 | 17, 492 | 233 | 4,810 | 12, 449 | 34,746 | 3,599 | 3,597 | 11 | 384 | 3,202 | 3,875 |
| August.... | 18, 016 | 16, 267 | 177 | 4,054 | 12, 036 | 36,464 | 3,166 | 3,099 | 5 | 449 | 2,646 | 3, 867 |
| Septamber | 16, 406 | 17,067 18,814 | 187 296 | 5,187 | 11, 694 | 36,051 | 3, 021 | 3, 160 | 3 | 660 | 2, 497 | 3,844 |
| November- | 18, 16 | 18,814 1688 | 428 | 3,029 4,173 | 13, 18.285 | 36,291 $\mathbf{3 0}, 710$ | 4,022 3,399 | 4,141 3,528 3,518 | 11 | 625 492 | 3,515 | 3,731 <br> 3,121 <br> 1 |
| December. | 16,649 | 17,094 | 348 | 2,829 | 13, 817 | 30, 374 | 3, 698 | 3,544 | 1 | 401 | 3, 142 | 3,164 |
| Monthly average... | 17, 244 | 17, 463 | 297 | B, 174 | 11,998 | 34, 872 | 8,492 | 3,644 | 6 | 587 | 3, 001 | 3, 782 |

For footnotes see p. 180.

## STONE, CLAY, AND GLASS PRODUCTS-BRICK

| Year and Monti | COMMON BRICK |  |  | FACE Brick' (AvERAGE PER PLANT) |  |  |  | VTRIFIED PAV*ING BRICK |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Price, <br> wholesale, <br> composite <br> f. o. b. <br> plant $i$ | Shlpments : | Stocks, end of month 2 | Unfilled orders, end of month | $\begin{gathered} \text { Produce } \\ \text { tion } \\ \text { (machine) } \end{gathered}$ | Shipments | Stocks, month | Shipments | Stocks, end of month |
|  | Dollars per thous. | Thousands of brick |  |  |  |  |  |  |  |
| 1913 \%monthly average. |  |  |  |  |  |  |  |  |  |
| 1914 monthly average. |  |  |  |  |  |  |  |  |  |
| 1915 monthly average... |  |  |  |  |  |  |  |  |  |
| 1917 monthly average.... |  |  |  |  |  |  |  |  |  |
| 1918 monthly average..... |  |  |  |  |  |  |  |  |  |
| 1919 monthly average .-. | 14.014 |  |  |  |  |  |  |  |  |
| 1920) monthly average.... | 18.946 15.769 |  |  |  |  |  |  | .-.------- | ------*-* |
| 1921 'monthly average... | 15.769 |  |  |  |  |  |  |  |  |
| 1923y monthly average. | 14606 |  |  | 1,937 | 1,001 | 900 | 1,229 |  |  |
| 1924 monthly average. | 14.468 |  |  | 1,976 | 1, 219 | 1,104 | 2,070 | -......... |  |
| 1925 monthly average. | 14.005 |  |  | 1,630 | 1,237 | 1,107 | 2, 288 |  |  |
| 1928 monthly average.. | 18.918 14.091 | ------...- |  | 1,850 1,509 | 1,248 1 1 | 1,126 1,100 | 3,116 | - | -----....-- |
| 1923 monthly average. | 13.717 |  |  | 1, 405 | 1,099 | 1,079 | 3,426 | -.........- |  |
| 1029 monthly average | 19.616 |  |  | 1,333 | 1,060 | -997 | 4,335 | ----- |  |
| 1931 monthly average | 11.817 |  |  |  |  |  |  |  |  |
| 1932 |  |  |  |  |  |  |  |  |  |
| February. | 11.057 |  |  | 450 | 164 | 156 | 3,557 | -- |  |
| March | 10.971 |  |  | 500 | 194 | 155 | 3, 601 |  |  |
| April.-.-- | 10.951 10.795 |  |  | 531 | 148 208 | ${ }_{2}^{274}$ | 3,498 3,473 | ----.--- |  |
| $\begin{aligned} & \text { May- } \\ & \text { June } \end{aligned}$ | 10.765 10.682 |  |  | 5 | 165 | 263 | 3,387 | ---.-.-.--- |  |
| July... | 10.621 | ----7.-. |  | 493 | 173 | 223 | 3,288 |  |  |
| August-a | 10.528 |  | - | 477 | 149 | 2288 | 3,196 | --------- | --7........ |
| September | 10.535 |  |  | 424 <br> 363 | 180 200 | 228 | 3,177 | -- |  |
| November | 10.389 |  |  | 351 | 151 | 134 | 3,091 |  |  |
| December.. | 10.226 |  |  | 352 | 98 | 85 | 3,133 |  |  |
| Monthly average. | 10. 094 |  |  | 452 | 167 | 200 | 3, 340 |  |  |
| 1933 . 10. |  |  |  |  |  |  |  |  |  |
| January | 10.214 |  |  | 292 300 | 36 <br> 24 | 79 50 | 3,061 | -..--..------ |  |
| March. | 10.140 |  |  | 324 | 27 | 94 | 2,975 | --.-...-.-. | - |
| Apris.-- | 10.170 | ---.-....- |  | 359 350 | 93 | 131 | 2,911 | ..... | ----......- |
| May.... | 10.238 10.313 |  |  | 350 398 | 139 157 | 169 207 | 2,860 2,823 |  |  |
| July.. | 10.503 |  |  | 408 | 245 | 213 | 2, 797 |  |  |
| August --- | 10.723 | .-.----...- |  | 432 | 256 | 226 | 2,790 | --........- | --........-- |
| September | 10.864 10.919 |  |  | 379 328 | 185 174 | 180 208 | $\begin{array}{r}2,778 \\ \mathbf{2} \\ \hline\end{array}$ | -......... |  |
| November | 10.956 |  |  | ${ }_{320}$ | 174 | 123 | 2,750 |  |  |
| December | 11.177 |  |  | 340 | 109 | 111 | 2,717 | -.... |  |
| Monthly average. | 10. 530 |  |  | 358 | 135 | 149 | 2,850 |  |  |
| 1934 |  |  |  |  |  |  |  |  |  |
| January - | 11.358 | 46,994 | 448, 631 | 355 | 53 | 133 | 2,863 | 5,081 | 78, 012 |
| February | 11.574 11.903 | 32,469 48,188 | 436,687 417,629 | 6644 | 33 57 | 77 136 | 2,882 <br> $\mathbf{2}, 483$ | 3,802 7,046 | 76, 7158 |
| April. | 11.965 | 59,725 | 406, 070 | 657 | 104 | 149 | 2,464 | 8,313 | 78,087 |
| May... | 12.096 | 64, 515 | 401, 493 | 621 | 137 | 197 | 2,450 | 8,024 | 79,563 |
| June.-. | 12. 109 | 61,078 | 405, 713 | 545 | 158 | 180 | 2,380 | 12,451 | 76,019 |
| July.. | 12.200 | 61, 101 | 420, 716 | 503 | 179 | 181 | 2,300 | 9,980 | 78, 047 |
| August- | 12.237 | 68, 083 | 422,641 | 405 | 131 | 208 | 2,333 | 10,339 | 77,896 |
| Oeptober | 12.122 | 62,465 77 | 417,025 412,589 | 369 <br> 351 | 1503 | 172 217 | 2,292 | 6,873 | 77,701 |
| Novermber.- | 12.128 | 64,508 | 419, 833 | 322 | 218 | 143 | 2,303 | 4, 993 | 76, 158 |
| December | 12.128 | 48, 188 | 412, 449 | 233 | 120 | 115 | 2,308 | 1,806 | 77, 866 |
| Monthly average -...-.......... | 12.001 | 57,911 | 418,446 | 478 | 188 | 159 | 2, 384 | 7, 288 | 77, 274 |
| 1935 |  |  |  |  |  |  |  |  |  |
| January | 11.934 | 38, 281 | 400, 529 | 264 | 64 | ${ }_{67} 67$ | 2,310 | 1,601 | 79, 711 |
| February | 11.927 11.930 | 38,291 60,987 | 387,462 <br> 363,458 | 258 289 | ${ }_{95}^{71}$ | $\begin{array}{r}97 \\ 138 \\ \hline\end{array}$ | 2, 282 | 1,338 | 77, 739 |
| April. | 11.884 | 76, 646 | 341, 477 | 367 | 177 | 229 | 2, 133 | 3,307 | 80, 368 |
| May.. | 11.884 | 83, 076 | 343, 564 | 381 | 293 | ${ }_{285}^{258}$ | 2, 107 | 4,162 | 87, 241 |
| June.-- | 11.831 | 88,324 | 341, 315 | 342 | 310 | 284 | 2, 078 | 7,753 | 89, 838 |
| July...-- | 11.756 | 93, 608 | 365, 481 | 337 | 350 | 313 | 2,107 | 12, 565 | 86,238 |
| August-.... | 11.708 11.693 | 95,940 ${ }_{91,}$ | 381,532 <br> 394,988 | 322 291 | 320 351 | 300 277 | 2, 126 2,188 | 8, 173 5,115 | 81,447 |
| October | 11. 582 | 117, 031 | 423, 651 | 294 | 348 | 311 | 2,223 | 5, 484 | 79,753 |
| November | 11.587 | 95,673 | 424,737 | 354 | 322 | 235 | 2,334 | 6, 178 | 79, 468 |
| December. | 11.621 | 73,586 | 426, 550 | 562 | 309 | 147 | 2, 485 | 4,715 | 81, 191 |
| Monthly average. | 11.768 | 79,381 | 382,895 | 938 | 251 | 221 | 2,223 | 5,211 | 81, 810 |

For footantes see p. 180.
73330-36-10

## STONE, CLAY, AND GLASS PRODUCTS-CEMENT AND CLAY PRODUCTS



For footnotes, see p. 180.

STONE, GLAY, AND GLASS PRODUGTS—GLAY PRODUCTS AND GLASSWARE

| Year and Month | CLAY PRODUCTS ${ }^{\text {? }}$ |  |  |  | GLASSWARE |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Vitreous china plumbing fixtures |  |  |  | Glass containers ' |  |  |  | Illuminating glassware * |  |  |  |  | Polished plate glass, production ${ }^{4}$ |
|  | Orders |  | Shipments | Stocks, month | Production |  | Shipments | Stocks, month | Orders |  | Pro-duction | Shipments | Stocks, end of month |  |
|  | Net new | Unfilled, end of month |  |  | Total | Percent of capacity |  |  | $\begin{gathered} \text { New } \\ \text { and } \\ \text { contract } \end{gathered}$ | Unfilled, end of month |  |  |  |  |
|  | Number of pieces |  |  |  | Thous. of gross |  | Thous. of gross |  | Number of turns |  |  |  |  | Thous. sq. ft. |
| 1921 monthly average_...............................-.......... |  |  |  |  |  |  |  |  |  |  |  |  |  | 4, 465 |
| 1922 monthly avarage |  |  |  | - |  |  |  |  |  |  |  |  |  | 6,390 |
| 1924 monthly average. |  |  |  |  |  |  |  |  |  |  |  |  |  | 7,422 |
| 1825 monthly average. |  |  |  |  |  |  |  |  |  |  |  |  |  | 9,878 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 11, 187 |
| 1927 monthly average. |  |  |  |  |  |  |  |  |  |  |  |  |  | 9,871 |
| 1928 monthly average. |  |  |  |  |  |  | ${ }^{6}$ 2, 662 |  |  |  |  |  |  | 10, 887 |
| 1929 monthly average. |  |  |  |  |  |  | ${ }^{8} 82,814$ |  | 2,696 2,106 | 1,589 1,108 | 2,671 2,140 | 2,667 2,089 | 6,491 8,512 | 12,542 8819 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February |  |  |  |  |  |  |  |  | 1,634 1,481 | 1,251 1,296 | 1,463 1,301 1,381 | 1, 1,434 | 5, 852 5,596 | 5,753 6,728 |
| March. |  |  |  |  |  |  |  |  | 1, 481 | 1,078 | 1,374 | 1,528 | 5, 139 | 4. 622 |
| April. |  |  |  |  |  |  |  |  | 1, 571 | 1, 119 | 1,393 | 1, 648 | 5, 057 | 5,255 |
| May.- |  |  |  |  |  |  |  |  | 1, 563 | 1,318 | 1,357 | 1,295 | 5,152 | 3, ${ }_{5} 154$ |
|  |  |  |  |  |  |  |  |  | 1,142 | 1,458 | 1,423 | 1,204 945 | 5, 454 | 2,849 |
| August- |  |  |  |  |  |  |  |  | 1,030 | 1, 455 | 1,885 | 1,122 | 5,254 | 1,843 |
| September |  |  |  |  |  |  |  |  | 1, 164 | 1,485 | ${ }^{782}$ | 1, 087 | 5, 083 | 3, 567 |
| Novernber- |  |  |  |  |  |  |  |  | 1, 187 | 1, 1,286 | 1,090 | 1,279 1,260 | 4,799 4,852 | 4,120 4,718 |
| Decernber |  |  |  |  |  |  |  |  | ${ }_{948}$ | 1,222 | 1,144 | 1,083 | 4,949 | 4,476 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 30,860 79,963 | 79,903 | 89,749 83,064 | $\begin{aligned} & 499,722 \\ & 472,472 \end{aligned}$ | $\qquad$ |  |  |  | $\begin{aligned} & 1,043 \\ & 1,049 \end{aligned}$ | 1,219 1,280 | $\begin{array}{r} 795 \\ 1,010 \end{array}$ | 11.0871,0061.267 | 4,480 4,397 | 6,1884,9854,881 |
| March. | 122, 451 | -98, 332 | 89, 821 | $\begin{aligned} & 456,427 \\ & 403,938 \end{aligned}$ |  |  |  |  |  | 1, 327 |  |  | 4,388 |  |
| April. |  | $\begin{aligned} & 198,787 \\ & 307,118 \end{aligned}$ | $\begin{array}{r} 89,861 \\ 153,715 \\ 196,955 \end{array}$ |  | ---------- | -......... | -...-....- | -------.... | $\begin{aligned} & 1,379 \\ & 1,300 \end{aligned}$ | $\begin{aligned} & 1,327 \\ & 1,300 \\ & 2,217 \end{aligned}$ | $\begin{aligned} & 1,161 \\ & 1,484 \end{aligned}$ | 1,2281,2221,29 | 4,3824,3424,413 | 4, 4 4,80 |
| June. | $\begin{aligned} & 305,286 \\ & 213,017 \end{aligned}$ |  |  | 352,787 <br> 327,940 | -------- | ........... |  |  | 2,241 | $\begin{aligned} & 2,217 \\ & 2,324 \end{aligned}$ |  |  |  |  |
|  |  | $\begin{aligned} & 307,118 \\ & 319,503 \end{aligned}$ | $\begin{aligned} & 196,955 \\ & 200,632 \end{aligned}$ |  |  |  |  |  |  |  | $\begin{aligned} & 1,484 \\ & 1,670 \end{aligned}$ | 1,422 | 4,091 | 9,499 |
| July . |  | 241,362231,818 | 215,712194,976 | 323,752 <br> 338,099 | ----- | --------. |  |  | 1,381 | 2, 100 <br> 168 | $\xrightarrow{1,811}$ | 1,583 | 4,1104,038 | 11,350 |
| August |  |  |  |  |  |  |  |  |  |  |  | 1,701 |  | 11, 327 |
| September | $\begin{aligned} & 185,432 \\ & 107,132 \end{aligned}$ | 120,59790,785 | 165,931 100,756 | $\begin{aligned} & 42,475 \\ & 490,043 \end{aligned}$ |  | -------- | ...... |  |  |  |  |  | 4,205 <br> 4 <br> 185 | 8, ${ }^{8,925}$ |
| October-- | $\begin{aligned} & 48,334 \\ & 35,299 \end{aligned}$ |  | 65,08143,592 |  |  | ----- |  |  | 1,473 1,571 1,515 | 1,856 1,958 1,85 | 1,713 1,588 1,58 | 1,582 1,423 | 4,165 4,656 | 5,794 4,169 |
| December | 35, 097 | 83, 190 |  | $\begin{aligned} & 490,043 \\ & 592,853 \end{aligned}$ |  | ----- |  |  | 1,150 | 1,805 | 1,030 | 1, 171 | 4,288 | 6, 347 |
| Monthly a verage.. | 138,707 | 168, 518 | 134, 174 | 420, 526 | ${ }^{5} 2,796$ |  | 82,754 |  | 1,504 | 1,808 | 1,987 | 1,427 | 4,298 | 7, 170 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January-- | 59,843 <br> 84,320 <br> 8 | 81, 415 $\mathbf{9 2}$, 928 | 58, 618 | ${ }^{656} 6868$ | 2,771 <br> 2,601 | 46.649.2 | 2, 6 262 | 7,795 7785 | 1,480 1,781 | 1,805 2,259 | 1,460 1,256 | 1,439 | 4, 581 | 7,607 7,441 |
| February |  | 76,36281,13388,478 |  | 697, 571 |  |  | 2, 58 | 7,735 7,508 7 | 1,781 | 1,259 $\mathbf{1}, 918$ | 1,256 1,763 | 1,413 |  | 7,44110,1258,873 |
| April. | 96,120,033120 |  | $\begin{array}{r} 79,003 \\ 91,576 \end{array}$ | 710,206708,971 | $\begin{aligned} & 4,300 \\ & 3,037 \\ & 3,250 \end{aligned}$ | $\begin{aligned} & \text { 45. } 1 \\ & 56.7 \\ & 56.7 \end{aligned}$ | 2, 2083,2003, | 7,592 | + $\begin{array}{r}1,545 \\ 1,491 \\ 1,553\end{array}$ | 1, 1788 | 1,495 | 1,2551,427 | 4,615 4,725 |  |
| May. |  |  | $\begin{aligned} & 112,688 \\ & 114,027 \end{aligned}$ |  |  |  |  |  |  |  |  |  | 4,735 | 8,873 8,050 8,813 |
| June.. | 130, 757 | 88, 478 105,208 |  | 692, 644 | 3,150 | 55.0 | 3,168 | 7,548 | 1,553 | 1,951 | 1,276 | 1,446 | 4,641 | 6,813 |
| July.. | 111,496 | 98,924107,020 | $\begin{aligned} & 117,780 \\ & 122,353 \end{aligned}$ | 676, 061 <br> 656,033 <br> 6150 | 3,1153,1693 | 56.553.258.0 | 2, 991 <br> 3,083 <br> 3,081 | 7,616 | 1,453 <br> 1,423 | 2,205 | 1,062 | 1,105 | 4,610 | 7,539 |
| August.-- | 130,449 |  |  |  |  |  |  | 7,666 7,231 78 |  | ${ }_{2,235}^{2,216}$ | 1,453 | 1,390 | 4,649 4,457 | 7,743 8,985 |
| Oeptomber | - | 113,991 168,687 | 132,041 206,861 | 615,467 519,867 | - 2,889 | 54.0 52.6 | 3,280 <br> 3,106 | 7,231 7,210 | 1,411 2,184 | 2,235 <br> 2,540 | 1,188 | 1,427 1,880 | 4,457 <br> 4,432 | 6,985 7,820 |
| November | 183, 882 | 183, 152 | 166, 517 | 482, 685 | 2,854 | 51.8 53.0 | 2,537 | 7,481 | 1, 090 | 2,456 | 2,022 | 1,999 | 4,475 | 6,887 |
| December | 234, 350 | 283, 202 | 134, 300 | 489, 729 | 2,922 | 53.0 | 2,430 | 7,871 | 1,681 | 2,305 | 1,877 | 1,851 | 4,525 | 8,704 |
| Monthly average... | 184, 307 | 128, 375 | 117, 650 | 691, 679 | 2,988 | 52.7 | 2,820 | 7,570 | 1,698 | 2,134 | 1,617 | 1, 547 | 4,543 | 7,881 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January- | 183, 281 | 282, 363 369,128 | 204, 120 195,160 | 426,570 380,756 | $\mathbf{2 , 9 3 5}$ $\mathbf{2 , 6 3 9}$ | 49.3 49.9 | 2, 679 2,689 | 7,990 | 1,774 1,850 | 2,252 $\mathbf{2 , 3 5 6}$ | 1,738 <br> 1,774 | 1,691 1,685 | 4,487 <br> 4,624 <br> 4. | 13, 13.723 |
| March | 243, 296 | 374, 217 | 238, 207 | 316,705 | 2,946 | 51.4 | 2,963 | 7,955 | 2,115 | 2,611 | 1,902 | 1,791 | 4,795 | 16,532 |
| April. | 164, 042 | 308, 912 | 229, 347 | 297, 971 | 3, 115 | 54.4 | 2, 856 | 8,060 | 2,020 | 2,608 | 2, 065 | 1,920 | 4,945 | 16,999 |
| May.. | 127,764 161,199 | 217,842 191,060 | 218,834 187,981 | 333,240 381,675 | 3,389 3,284 | 61.5 59.6 | 3,239 $\mathbf{3 , 2 7 0}$ | 8,141 8,115 | 1,965 1,919 | $\mathbf{2 , 0 2 3}$ $\mathbf{2}, 751$ | 2,022 1,829 | 1,927 $\mathbf{1}, 814$ | 5,097 5,119 | 14,582 13,163 |
| July | 319, 589 | 293, 804 | 216, 745 | 403, 381 | 3,576 | 62.4 | 3,458 | 8, 183 | 1,743 | 2, 828 | 1,555 | 1,567 | 5, 053 | 13,909 |
| August | 250, 648 | 236, 890 | 295, 880 | 363, 914 | 3,825 | 64.3 | 3,748 | 8,239 | 1,865 | 2,757 | 1, 591 | 1,920 | 4,787 | 14,526 |
| September | 179, 928 | 175, 140 | 241, 678 | 359,308 | 3,102 | 58.7 | 3,700 | 7,576 | 2,446 | 2,306 | 2,013 | 2,088 | 3,358 | 14, 404 |
| October | 132, 378 | 117, 289 | 190, 229 | 424, 242 | 3,616 | 60.8 | 3,569 | 7,575 | 2,485 | 2, 6880 | 2,705 | 2,584 2 2 | 3,450 | 16,593 |
| November | 132,867 139,596 | 112,621 128,020 | 137, 535 | 516,677 629,750 | 3,271 <br> 3,059 | 59.4 55.5 | 2,938 2,537 | 7,836 8,328 | 2,418 1,817 | 2, $\mathbf{2} 477$ | $\begin{array}{r}2,872 \\ 2,292 \\ \hline\end{array}$ | 2,339 2,067 | 3,618 3,735 | 116,909 16,112 |
| Monthly average....... | 184, 709 | 232, 282 | 206, 659 | 402, 849 | 8,230 | $5 \% .3$ | 3,137 | 8,001 | 2,035 | 2, 682 | 2,005 | 1,049 | 4,422 | 14, 885 |

For footnotes see pp. 180, 181.

STONE, GLAY, AND GLASS PRODUGTS-GYPSUM, TERRA COTTA, AND TILE


For footnotes see p. 181.

## TEXTILE PRODUCTS-HOSIERY AND COTTON



For footnotes see p. 181.

TEXTILE PRODUCTS-COTTON MANUFACTURES


For footnotes see pp. 181, 182.

TEXTILE PRODUCTS-RAYON AND SILK


For footnotes see p. 182.

TEXTILE PRODUCTS－WOOL

| Year and Monti | CONSUMPTION ${ }^{1}$ |  |  |  | 蕞 | OPERATIONS，MACHINERYACTIVITY |  |  |  |  |  | WHOLESALE PRICES ${ }^{\prime}$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Greasy shorn basis |  | Scoured basis |  |  |  |  | oms |  | Spin | $\operatorname{lng}_{l l}$ | E. |  | 兑异 | 名名 | $$ |
|  |  |  |  |  |  | $\begin{aligned} & \text { O} \\ & \text { 首 } \end{aligned}$ |  | 易 | $\begin{aligned} & \text { ت} \\ & \text { 邑 } \\ & \text { pen } \end{aligned}$ | $\begin{aligned} & \text { E } \\ & \text { 0 } \\ & \end{aligned}$ |  |  |  |  |  |  |
|  | Thousands of pounds |  |  |  |  | Percent of active hours to total reported |  |  |  |  |  | Dollars per pound |  | Dollars peryard |  | Dolls． per lb． |
| 1913 monthly average |  |  |  |  | 12， 632 | 77 | 68 | 73 | 75 | 77 | 74 | 0.57 | 0.25 |  |  | 0.78 |
| 1914 monthly average． |  |  |  |  | 21， 557 | 78 | 65 | 78 | 74 | 75 | 78 | ． 60 | ． 26 |  |  | ． 64 |
| 1915 monthly average． |  |  |  |  | 34， 393 | 78 | 72 | 73 | 73 | 85 | 74 | ． 71 | ． 36 |  |  | 78 |
| 1916 monthly average．－ |  |  |  |  | 37，432 | 90 | 80 | 91 | 88 | 90 | 90 | ． 87 | 41 |  |  | 1． 05 |
| 1917 monthly average．－ |  |  |  |  | 35,083 37,811 | 90 86 | 74 80 | 88 84 | 87 85 | 93 90 | 85 81 | －1． 1.89 | －． 66 |  |  | 1． 56 |
| 1918 monthly average | 56， 300 | 3，300 | 30，900 | 2，300 | 37，811 | 86 | 60 | 84 | 85 | 90 | 81 | ${ }^{4} 1.84$ | 6． 76 |  |  | 2． 11 |
| 1919 monthly average． | 47，000 | 5，300 | 23，600 | 3，800 | 37， 158 | 83 | 57 | 72 | 71 | 83 | 79 | 1.74 | ． 64 |  |  | ${ }^{7} 1.63$ |
| 1920 monthly average | 42，600 | 5,800 5,100 | 22，000 | 4， 200 3,600 | 21,635 28,722 | 75 89 | 67 61 51 | 70 | 64 | 68 72 | 74 82 88 | 1． 66 | ． 51 |  |  | 1．83 |
| 1921 monthly average．． | 49，800 | 5， 100 | 25， 000 | 3，600 | 28， 722 | 89 | 51 77 | ${ }_{6}^{64}$ | 69 | 72 | 82 79 | ． 85 | ． 28 |  |  | 1． 18 |
| 1922 monthly average．． | 53， 500 | 10，800 | 26,100 25,900 | 7， 8180 8,300 | 31,389 32,854 | 91 98 | 77 82 | 65 76 | 68 83 | 87 92 | 79 92 | 1． 1.41 | ． 42 | － 2.188 |  | 1.41 1.73 |
| 1924 monthly average． | 43，200 | 10，800 | 20，800 | 7，700 | 22， 351 | 80 | 86 | 62 | 69 | 85 | 66 | 1.42 | ． 53 | 2． 195 |  | 1． 69 |
| 1925 monthly average．． | 43，800 | 11， 200 | 21， 000 | 8,200 | 28， 271 | 77 | 72 | 64 | 69 | 84 | 67 | 1． 40 | ． 55 | 2.348 |  | 1． 72 |
| 1926 monthly average． | 43，700 | 10，000 | 21， 200 | 7，300 | 25， 855 | 79 | 63 | 61 | 63 | 73 | 69 | 1． 15 | ． 46 | 2.005 |  | 1.44 |
| 1927 monthly average． | 45，900 | 10， 900 | 21， 600 | 8， 000 | 22， 274 | 80 | ${ }^{64}$ | 63 | 62 | 78 | 67 | 1．10 | ． 44 | 1． 911 |  | 1.37 |
| 1928 monthly average | 42， 200 | 13， 100 | ${ }_{21} 100$ | 8， 8 8，600 | 20， 364 | 84 | ${ }_{66}^{65}$ | ${ }_{61}^{65}$ | 64 | 78 | ${ }_{67}$ | 1．167 | ． 54 | 1． 1.962 |  | 1． 55 |
| 1930 monthly average | 37，300 | 7，100 | 16，700 | 5， 200 | 13， 645 | 72 | 41 | 41 | 48 | 56 | 54 | ． 76 | .31 | 1． 697 | 1．108 | 1． 24 |
| 1931 monthly average． | 45， 400 | 8， 600 | 19，800 | 6，100 | 13， 189 | 89 | 38 | 38 | 56 | 57 | 62 | ． 62 | .22 | 1． 484 | ． 960 | 1． 00 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January |  |  | 15，500 | 4， 100 | 12，556 | 69 | 28 | 25 | ${ }_{61}^{51}$ | 52 | 53 | ． 68 | ． 21 | 1.400 | ． 900 | ． 93 |
| February |  |  | 16， 200 | 4， 000 | 9， 882 | 76 | 30 | 22 | ${ }_{6}^{61}$ | 58 45 | 51 | ． 57 | ． 21 | 1.400 | －900） | ． 90 |
| March． |  |  | 13，400 | ${ }^{4}, 400$ | 6,422 4,186 | ${ }_{36}^{52}$ | 31 <br> 28 | ${ }_{21}^{26}$ | 48 | ${ }_{26}^{45}$ | 37 29 | ． 52 | －18 | 1.400 1 | ． 9000 | ． 88 |
| April． |  |  | 7，200 | 2， 400 | 2，832 | 31 | 23 | 18 | 28 | 30 | 25 | .42 | .15 | 1.300 | ． 873 | ． 88 |
| June－－－ |  |  | 0， 500 | 2，700 | 2，697 | 39 | 18 | 16 | 31 | 30 | 34 | .38 | .14 | 1.125 | ． 784 | ． 75 |
| July |  |  | 14， 200 | 2，200 | 848 | 65 | 19 | 17 | 45 | 39 | 50 | ． 36 | ． 14 | 1． 125 | ． 735 | ． 75 |
| August |  |  | 21，500 | 2，100 | ${ }^{693}$ | 85 | 19 | 23 | 60 | 59 | 57 | ． 39 | ． 16 | 1． 135 | ． 735 | ． 76 |
| Septamber |  |  | 23， 400 | 3，900 | 1，554 | 106 | 24 | 36 | 65 | 70 | 74 | ． 48 | ． 23 | 1．175 | ． 735 | ． 85 |
| October－ |  |  | 21，400 | 5,100 | 4，468 | 100 | 29 | 43 | 66 | 73 | 73 | ． 47 | ． 22 | 1.175 | ． 736 | ． 88 |
| November |  |  | 19， 400 | 4，300 | 5，408 | 82 | ${ }_{23}^{28}$ | 42 | 59 | 60 | 58 | ． 45 | ． 21 | 1．175 | ． 738 | ． 85 |
| December． |  |  | 18， 400 | 3，500 | 4，977 | 92 | 23 | 33 | 58 | 55 | 57 | ． 44 | ． 20 | 1.175 | ． 735 | ． 83 |
| Minonthly average． | 36， 700 | 4，900 | 16，700 | 3，500 | 4，711 | 69 | 25 | 27 | 50 | 50 | 60 | ． 46 | ． 19 | 1.241 | ． 808 | ． 88 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fehruary |  |  | 16， 200 | 2，700 | 4， 858 | 87 | ${ }^{23}$ | 36 | 68 | 60 | 57 | ． 43 | .19 | 1.175 | ． 735 | ． 80 |
| March．－－ |  |  | 11， 600 | 2，600 | 4，451 | 65 | 22 | 28 | 43 | 42 | 32 | ． 44 | ． 19 | 1.175 | ． 735 | ． 80 |
| April． |  |  | 13， 300 | 3，500 | 6， 140 | 62 | 25 | 29 | 42 | ${ }_{5}^{63}$ | 35 | ． 48 | .20 | 1．163 | ． 735 | ． 83 |
| Mry－－ |  |  | 24， 000 | 5，900 | 2，967 | 107 | 31 | 46 | 68 | 77 | 72 | ． 63 | ． 29 | 1.395 | ． 764 | ． 93 |
| June．－ |  |  | 26，700 | 9，300 | 10，807 | 134 | 44 | 53 | 87 | 100 | 92 | ． 70 | ． 32 | 1.550 | ． 907 | 1.09 |
| July－． |  |  | 26，000 | 8，400 | 31，406 | 134 | 46 | 54 | 97 | 108 | 96 | ． 79 | ． 35 | 1． 813 | ． 958 | 1.17 |
| August |  |  | ${ }_{2}^{25,800}$ | 9，200 | 40，${ }^{1060}$ | 113 | 45 49 | 51 | 87 | 99 | ${ }_{69}^{83}$ | ． 80 | ． 37 | 1，765 | 1.044 | 1． 18 |
| Soptomber |  |  | 22,300 23,400 | 8,600 <br> 8,200 | 21,308 19,633 | 108 108 | 49 49 | 48 | 73 62 | ${ }_{8}^{88}$ | 69 65 | ．82 | ． 39 | 1． 8800 1． 800 | 1.103 <br> 1.103 | 1．29 |
| November |  |  | 21，400 | 5，800 | 15，997 | 100 | 46 | 39 | 64 | 63 | 60 | .85 | .41 | 1． 800 | 1． 103 | 1.35 |
| Decomber |  |  | 16，300 | 4，600 | 16， 168 | 76 | 35 | 27 | 57 | 54 | 46 | ． 88 | ． 42 | 1.800 | 1． 103 | 1.35 |
| Monthly average．－．．．．． | 47，700 | 8，400 | 20， 600 | 6，000 | 14，911 | 97 | 37 | 41 | 67 | 72 | 64 | ． 68 | ． 31 | 1． 619 | ． 918 | 1.08 |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| February |  |  | 16，300 | 5， 800 | 12，622 | 65 | 40 | 39 | 69 | 76 | 49 | ． 88 | ． 42 | 1.800 | 1.103 | 1.35 |
| March． |  |  | 16，800 | 6，300 | 16， 975 | 60 | 41 | 37 | 64 | 73 | 42 | ． 87 | ． 40 | 1.763 | 1． 103 | 1.35 |
| April． |  |  | 13， 400 | 5,800 | 13，567 | 46 | 39 | 39 | 65 | 72 | 39 | ． 85 | .37 | 1.650 | 1． 103 | 1． 35 |
| May－ |  |  | 12，700 | 5,600 | 7，458 | 45 | 40 | 40 | 54 | 85 | 38 | ． 84 | ． 32 | 1． 634 | 1．119 | 1.31 |
| June－－ |  |  | 11， 000 | 6． 200 | 8，003 | 40 | 46 | 30 | 54 | 71 | 29 | ． 84 | .31 | 1.634 | 1． 139 | 1． 28 |
| July－－ |  |  | 9，200 | 4， 800 | 7，632 | 35 <br> 38 | 31 | 25 | 51 | ${ }_{7}^{67}$ | 29 | ． 84 | .31 | 1．634 | 1． 139 | 1.26 |
| August．－． |  |  | 9，900 | 5,000 <br> 3 | 7.046 | 38 | 35 | 24 | 51 | 72 | ${ }^{26}$ | .76 | ． 31 | 1.634 | 1． 139 | 1． 21 |
| Oeptomber |  |  | 8,200 12,800 | 3,800 4,400 | 7,567 <br> 8,850 | 28 49 | 29 <br> 34 | 17 34 | 27 45 | 43 63 | 20 <br> 35 | .78 .76 | ． 38 | 1.634 <br> 1.460 | 1.139 1.139 | 1.18 1.17 |
| November |  |  | 17，700 | 3，800 | 4，964 | 82 | 23 | 29 | 48 | 66 | 48 | ．76 | ． 28 | 1． 1.485 | 1． 101 | 1.11 |
| December． |  |  | 22， 200 | 4， 800 | 5， 074 | 95 | 28 | 26 | 63 | 71 | 65 | ． 76 | .27 | 1.4810 1.510 | $\stackrel{1}{.980}$ | 1.10 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January－ |  |  | 21，900 | 5，900 | 8，583 | 100 | 37 | 27 | 79 | 88 | 72 | ． 76 | ． 28 | 1． 510 | ． 990 | 1． 10 |
| February |  |  | 18， 2300 | 8，000 8,516 | 11， 964 | 89 | 45 | 31 | 88 | 81 | 70 | ． 69 | ． 25 | 1． 610 | ． 990 | 1.08 |
| April．－．．． |  |  | 21， 797 | 8 8， 310 | － 15,459 | 113 | 52 <br> 68 | $\stackrel{29}{27}$ | 82 <br> 71 | 80 73 | 61 65 | ． 66 | ． 23 | 1.510 1.510 | ． 9990 | 1.05 1.05 |
| May． |  |  | 25， 267 | 8， 565 | 15，778 | 117 | 58 | 28 | 75 | 81 | 71 | ． 68 | ． 28 | 1． 1.62 | ． 990 | 1.00 |
| June． |  |  | 28，418 | 10，243 | 15， 932 | 115 | 49 | 27 | 77 | 87 | 72 | .75 | ． 30 | 1．609 | 1． 015 | 1.08 |
| July．－． |  |  | 23， 560 | 9，067 | 18，760 | 105 | 52 | 28 | 77 | 92 | 68 | ． 76 | ． 30 | 1．609 | 1.015 | 1． 10 |
| August．－． |  |  | 28，555 | 9，483 | 20，361 | 112 | 58 | 30 | 84 | 101 | 68 | ． 76 | ． 31 | 1． 609 | 1.016 | 1． 10 |
| September |  |  | 29， 009 | ${ }^{9}, 473$ | 21，952 | 113 | 51 | 32 | 77 | 94 | 68 | ． 78 | ． 33 | 1． 603 | 1． 027 | 1． 11 |
| October．．．． |  |  | 20， 681 | $8{ }^{8} 127$ | 23， 498 | 124 | 53 | 42 | 82 | 102 | 81 | ． 81 | ． 36 | 1． 624 | 1． 040 | 1． 25 |
| November． |  |  | 27， 828 | 7，370 | 18，041 | 125 | 53 | 44 | 89 | 104 | 83 73 | ． 84 | ． 39 | 1.708 1.733 | 1． 052 | 1． 29 |
| December． |  |  | 27，742 | 7，442 | 18，467 | 108 | 45 | 43 | 90 | 93 | 73 | ． 84 | ． 39 | 1.733 | 1． 064 | 1.30 |
| Monthly average． | 59，400 | 11，800 | 25， 380 | 8， 206 | 16， 884 | 110 | 61 | 32 | 81 | 90 | 71 | ． 75 | ． 30 | 1．689 | 1.015 | 1.18 |

For footnotes see p． 182.

TEXTILE PRODUCTS—WOOL AND MISCELLANEOUS PRODUCTS

| Year and Month | WOOL |  |  |  |  |  |  |  |  |  | MISCELLANEOUS PRODUCTS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Receipts at Boston ${ }^{1}$ |  |  | Stocks, scoured basis, end of quarter ${ }^{2}$ |  |  |  |  |  |  | Buttons ${ }^{3}$ |  | Fur ${ }^{4}$ | Pyroxylln-coated textiles (artificial leather) ${ }^{6}$ |  |  |
|  | Total | $\left\lvert\, \begin{gathered} \text { Do- } \\ \text { mestic } \end{gathered}\right.$ | Foreign | Total | Woolen |  |  | Worsted |  |  | Fresh-water pearl |  | Sales by dealcrs | Unilled orders, end of month | $\left\lvert\, \begin{aligned} & \text { Pyrox- } \\ & \text { ylin } \\ & \text { spread } \end{aligned}\right.$ | $\begin{array}{\|c} \text { Ship- } \\ \text { ments } \\ \text { filled } \end{array}$ |
|  |  |  |  |  | Total | $\underbrace{\text { Do- }}$ mestic | Foreign | Total | $\begin{gathered} \text { Do- } \\ \text { mestic } \end{gathered}$ | Foreign | Pro-duetion | Stocks, end of month |  |  |  |  |
|  | Thousands of pounds |  |  |  |  |  |  |  |  |  | $\left\lvert\, \begin{gathered} \text { Percent } \\ \text { of ca- } \\ \text { pacity } \end{gathered}\right.$ | $\begin{gathered} \text { Thous. } \\ \text { of } \\ \text { gross } \end{gathered}$ | $\begin{aligned} & \text { Thous. } \\ & \text { of } \\ & \text { dollars } \end{aligned}$ | $\begin{gathered} \text { Thous. } \\ \text { of linear } \\ \text { yards } \end{gathered}$ | $\left\|\begin{array}{c} \text { Thous. } \\ \text { of } \\ \text { pounds } \end{array}\right\|$ | Thous. of linear yards |
| 1913 monthly av |  | 13, 483 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1914 monthly ${ }^{\text {a }}$ mon- |  | 15, 894 |  | - |  |  |  |  |  |  |  |  |  |  |  |  |
| 1916 monthly av. |  | ${ }_{17}{ }^{17} 100$ | --.-- |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1917 monthly av |  | 17, 610 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1918 monthly av. |  | 15, 275 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1919 monthly av |  | 17, 825 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1920 monthly av- |  | 88,809 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1922 montbly av- |  | 15,913 | --...-- |  |  |  |  |  |  |  | 46.1 | 12, 662 |  |  |  |  |
| 1923 monthly av. |  | 12,011 |  |  |  |  |  |  |  |  | 46.0 | 13,860 |  |  |  |  |
| 1924 monthly av...- |  | 16,687 |  |  |  |  |  |  |  |  | 33.5 | 14,001 |  |  |  |  |
| 1925 monthly av |  | 10,954 |  |  |  |  |  |  |  |  | 44.0 | 12,482 | 12,006 |  |  |  |
| 1926 monthly av- |  | 14, 108 |  |  |  |  |  |  |  |  | 47.0 48.1 | 12,004 9,792 | 13,624 <br> 14,227 |  |  |  |
| 1928 monthly av- |  | 17,546 |  |  |  |  |  |  |  |  | 47.2 | 10,865 | 12, 174 |  |  |  |
| 1929 monthly av...-- |  | 17, 248 |  |  |  |  |  |  |  |  | 48.8 398 | 11,028 | 10,456 | -........ |  |  |
| 1930 monthly av. 1931 monthly av. |  | 20,20, <br> 21, |  |  |  |  |  |  |  |  | 39.9 4.7 | $\mathbf{9}, 453$ $\mathbf{9 , 1 0 9}$ | [1,008 |  |  |  |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January-- |  | 4,918 |  |  |  |  |  |  |  |  | 38.3 | 8, 741 | 1,638 |  |  |  |
| March |  | 3, 758 |  |  |  |  |  |  |  |  | 4 | 8,105 <br> 8,351 | 2, 280 |  |  |  |
| April. |  | $\begin{array}{r}\text { 5,414 } \\ 10 \\ \text { 286 } \\ \hline\end{array}$ |  |  |  |  |  | -......- |  |  | 34.1 30.4 | 8,259 | 1,947 |  |  |  |
| June. |  | 28, 134 |  |  |  |  |  |  |  |  | 28.1 | 7,929 | 2,247 |  |  |  |
| July-- |  | 50, 834 |  |  |  |  |  |  |  |  | 15.5 | 8, 234 | 2,233 |  |  |  |
| August... September |  | 42, 764 |  |  |  |  |  |  |  |  | 30.3 39.2 | 7,939 7,340 7 | 2,879 4,016 |  |  |  |
| October... |  | 16,960 |  |  |  |  |  |  |  |  | 46.3 | 7,136 | 4, <br> 3 <br> 4, |  |  |  |
| November. |  | 11,136 |  |  |  |  |  |  |  |  | 45.3 | 7, 194 | 3, 688 |  |  |  |
| December. |  | 6, 063 |  |  |  |  |  |  |  |  | 38.0 | 7, 166 | 1,356 |  |  |  |
| Monthly average....- |  | 17,718 |  |  |  |  |  |  |  |  | \$5.9 | 7,919 | 2,427 |  |  |  |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January-.- |  | 7,991 |  |  |  |  |  |  |  |  | 40.0 41.3 | 7,971 7,751 | 1,604 |  |  |  |
| March |  | 4, 032 |  |  |  |  |  |  |  |  | 36.2 | 7,325 | 1, 661 |  |  |  |
| April.- |  | 6, 643 |  |  |  |  |  |  |  |  | 43.2 | 7,132 | 2,067 |  |  |  |
| May. |  | 17,415 52,995 |  |  |  |  |  |  |  |  | 51.3 | ${ }_{6}^{6,938}$ | 3,327 3 |  |  |  |
|  |  | 62, 985 |  |  |  |  |  |  |  |  | 54.2 | 6,792 | 3,803 |  |  |  |
| $\begin{aligned} & \text { July-- } \\ & \text { August } \end{aligned}$ |  | 70,876 |  |  |  |  |  |  |  |  | 49.0 55.5 | 5,983 5,770 | 3,882 5,280 |  |  |  |
| September |  | 22, 203 |  |  |  |  |  |  |  |  | E3.2 | 5,832 | 5, ${ }^{\text {b, }} 883$ |  |  |  |
| October-. |  | 15, 241 |  |  |  |  |  |  |  |  | 60.4 | 5,827 | 876 |  |  |  |
| November |  | 11,073 |  |  |  |  |  |  |  |  | 54.9 | 6,208 | 711 |  |  |  |
| December |  | 5, 583 |  |  |  |  |  |  |  |  | 42.5 | 6,207 | 1,154 |  |  |  |
| Monthly average.....- |  | 22, 327 |  |  |  |  |  |  |  |  | 48.6 | 6, 888 | 2,388 |  |  |  |
| 1934 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January.-- | ${ }_{7}^{8,560}$ | 3,761 4,739 | 4,799 2,328 |  |  |  |  |  |  |  | 44.8 46.5 | 7,416 7 | 3, 565 | 3, 383 | 3, 283 | 2,876 |
| March. | 5,920 | 3, ${ }^{4,739}$ | 2,711 |  |  |  |  |  |  |  | 46.5 63.3 | 7,326 7,165 | 3, $\begin{aligned} & 3,28 \\ & 3,310\end{aligned}$ | - ${ }_{3}^{4,210}$ | 4, ${ }^{4}, 198$ | - 4,864 |
| April. | 4,405 | 2, 8172 | 1,533 |  |  |  |  |  |  |  | 63.4 | 7, 316 | 2, 241 | 3, 346 | 4, 258 | 4,023 |
| May... | 15,728 | 13,877 | 1,851 | 176, 292 | 69,448 | 49,858 | 0, 590 | 116, 844 | 08, 472 | 18,372 | 67.2 41.2 | 7,135 7,118 | 1,842 1,644 | 3,811 3,224 3,239 | 3,350 2,706 | 3,327 $\mathbf{2 , 6 4 5}$ $\mathbf{2}, 049$ |
| July. | 59,972 | 58,962 | 1,010 |  |  |  |  |  |  |  | 23.7 | 6,803 | 2,038 | 3,323 |  |  |
| August... | 23, 673 | 22, 987 | 687 |  |  |  |  |  |  |  | 31.8 | 6, 626 | 2,669 | 3,065 | 3,654 | 3, 059 |
| September. | 14, 8129 | 13,942 12,033 | 887 711 | 192,345 | 56, 639 | 49, 253 | 7,386 | 135,706 | 119, 096 | 16,610 | 37.0 | 6,425 6,289 | 2,220 1205 | 3, 050 | 3, 294 | 3,031 |
| November--- | 11, 12.53 | 12,683 10 | 368 |  |  |  |  |  |  |  | 43.1 48.4 | 6,388 | 1,806 | 2, 238 2,988 | 3, 3 325 |  |
| December.-.-. | 5, 758 | 4, 826 | 932 | 168, 899 | 66, 250 | 40,093 | 7,163 | 113, 743 | 99,916 | 13, 827 | 41.1 | 6,408 | 1,414 | 2,787 | 3, 337 | 3, 197 |
| Monthly average...- | 17,088 | 15,461 | 1,637 | 6179, 545 | - 57, 448 | 649,401 | '8,046 | ${ }^{6} 122,098$ | ${ }^{6} 105,828$ | a 16, 270 | 46.0 | B, 868 | 2, 323 | 3, 271 | 3, 679 | 3,288 |
| January...... | 5,177 | 4,478 |  |  |  |  |  |  |  |  | 46.4 |  | 1,851 | 3,036 | 4,214 | 3,738 |
| February | 3, 730 | 2,380 | 1,350 |  |  |  |  |  |  |  | 50.5 | 8, 371 | 1,942 | 2,993 | 4,444 | 4,057 |
| March. | ${ }^{6}$, 6097 | - 4.626 | 1,881 | 134, 784 | 46, 606 | 39, 510 | 7,096 | 88, 178 | 76,015 | 12, 163 | 52.2 | 8, 358 | 2,271 | 2.822 | 4, 829 | 4,691 |
| April. | 8,951 19,701 | 7,141 17,246 | 1,810 2,455 |  |  |  |  |  |  |  | 45.9 <br> 37.6 | 88, ${ }^{8} 288$ | 2,301 2,814 | 2, 2,654 2,368 | 4, 4,600 4,280 | 4,328 4,606 |
| June. | 44, 346 | 41, 809 | 2, 637 | 143, 488 | 43, 175 | 37, 133 | 6,042 | 100,313 | 90,600 | 9,713 | 29.0 | 8,005 | 2,331 | 1,974 | 3, 274 | 3, 3 4, |
| July.-- | 72, 156 | 67, 598 | 4, 657 |  |  |  |  |  |  |  | 24.4 | 7.565 | 3,195 | 1,898 | 3,687 | 3, 534 |
| August | 37, 835 | 33, 981 | 3,976 4,446 |  |  |  |  |  |  |  | ${ }_{43} 38.1$ | 7,403 <br> 7 <br> 7 <br> 215 | -3,421 | 2, 178 2,889 | 4,471 4,692 | 4,032 4,412 |
| Oetober-. | - ${ }^{23,} 8825$ | - 11,883 | 4, 4 4, 722 | 156, 684 |  | 38,835 | 6, 089 | 11, 770 | 98, 887 | 12,783 | 430.7 50 50 | 7,215 7,215 7 | 3,092 <br> 2,158 | 2, 289 2,592 2 | 4,692 <br> $5_{1}, 125$ <br> 185 | 4,42 4,616 |
| November-... | 19,214 12,875 | 10,982 5,285 | 8,232 7,500 | 116, 299 | 44,768 |  | 10,171 | 71, 531 | 51,786 | 10,745 | 62.8 48.9 | 7,136 7,151 | 1,193 1,224 | 2,300 2,154 | 4, 152 $\mathbf{3} 895$ | 4,084 $\mathbf{3 , 8 4 5}$ 4 |
| Monthly average...- | 28, 748 | 18,883 | 9,855 | 6137, 816 | - 44, 888 | 097, 518 | - 7, 350 | - 92, 948 | - 79, 347 | -13, 801 | 48.3 | 7,789 | 2,316 | 2,489 | 4,297 | 4,192 |

For footnotes see pp. 182, 183.

# TRANSPORTATION EQUIPMENT—AIRPLANES AND AUTOMOBILES 



For footnotes seo p. 183.

TRANSPORTATION EQUIPMENT—AUTOMOBILES

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow{5}{*}{\[
\begin{aligned}
\& \text { Year and } \\
\& \text { MONTE }
\end{aligned}
\]} \& \multicolumn{16}{|c|}{Automoblles} \\
\hline \& \multicolumn{5}{|c|}{Production \({ }^{\text {1 }}\)} \& \multirow[b]{3}{*}{Autorims, pro-duction \({ }^{2}\)} \& \multicolumn{2}{|l|}{Registrations \({ }^{\text {s }}\)} \& \multicolumn{3}{|l|}{Sales (General Motors Cor-
poration)} \& \multicolumn{5}{|c|}{Accessories and parts *} \\
\hline \& \multicolumn{2}{|l|}{Canada} \& \multicolumn{3}{|c|}{United States} \& \& \multirow[b]{2}{*}{\[
\begin{array}{|c}
\text { New } \\
\text { pas- } \\
\text { senger } \\
\text { cars }
\end{array}
\]} \& \multirow[b]{2}{*}{Come mercial cars} \& \multirow[b]{2}{*}{To consumers in the United States} \& \multicolumn{2}{|l|}{To dealers} \& \multicolumn{5}{|c|}{Shipments} \\
\hline \& Total \& Pas-
sen-
ger
cars \& Total \& \[
\begin{aligned}
\& \text { Pas- } \\
\& \text { senger } \\
\& \text { cars }
\end{aligned}
\] \& Trucks \& \& \& \& \& Total, Including Canadian overseas \& United States dealers \& Total \& Accessories, original equipment \& Accessories to Wholesalers \& \(\underset{\substack{\text { Re- } \\ \text { place- } \\ \text { ment } \\ \text { parts }}}{ }\) \& Scrvice equipment \\
\hline \& \multicolumn{5}{|c|}{Number of cars} \& Thous. or rims \& \multicolumn{5}{|c|}{Number of cars} \& \multicolumn{5}{|c|}{January, 1925=100} \\
\hline 1913 mo av- \& \& 1,460 \& 40, 417 \& 38,458 \& 1,058 \& \& \& \& \& \& \& \& \& \& \& \\
\hline 1914 mo. av-- \& \& \(\frac{1}{1,510}\) \& 47,421 \& 45, 307 \& \({ }^{2}, 115\) \& \& \& \& \& \& \& \& \& \& \& \\
\hline 1915 mo.av.- \& \& 3, 245
4,638 \& 80,828
134,809 \& 74, 661 \& 6,167
7,678 \& \& \& \& \& \& \& \& \& \& \& \\
\hline 1917 mog av- \& \& 7,885 \& 156, 162 \& 145, 483 \& 10,680 \& \& \& \& \& \& \& \& \& \& \& \\
\hline 1918 mo. ave \& \& 6, 257 \& 97, 557 \& 78, 620 \& 18,938 \& \& \& \& \& \& \& \& \& \& \& \\
\hline 1919 mo. av. \& \& 6,661 \& 161, 133 \& 138, 138 \& 22,995 \& \& \& \& \& \& \& \& \& \& \& \\
\hline 1920 mo av. \& \& 6, 978 \& 185, \({ }^{\text {en }}\) \& 158, 797 \& 26,816 \& 1,072 \& \& \& \& \& \& \& \& \& \& \\
\hline 1921 mo. av.- \& 504 \& 4, 382 \& \({ }_{2123}^{132069}\) \& 120, 167 \& 12, 901 \& + 765 \& \& \& \& \& \& \& \& \& \& \\
\hline 1923 mo. avo \& 12, 203 \& 10,769 \& 336, 168 \& 302, 060 \& 34, 108 \& 1,928 \& \& \& \& 66,546 \& \& \& \& \& \& \\
\hline 1924 mo . av.. \& 11, 271 \& 9,814 \& 300, 212 \& 265, 490 \& 34, 722 \& 1,822 \& \& \& \& 48,945 \& \& \& \& \& \& \\
\hline 1925 mo. av.- \& 13,498 \& 11, 298 \& 355, 486 \& 311,264 \& 44, 222 \& 2,167 \& 247,313 \& 27,763 \& \& 69,659 \& \& 146 \& 156 \& 153 \& 120 \& 124 \\
\hline 1926 mo. av.- \& 17,0081 \& 13, 738 \& 358, 411 \& 315, 332 \& 43,079 \& 2,017 \& 269, 058 \& 32, 106 \& \& 102,904 \& \& 137 \& 139 \& 131 \& 124 \& 156 \\
\hline 1827 mol av.- \& 14, 921 \& - \({ }_{16,236}^{12,395}\) \& 283, 444 \& 244,711 \& 38, 733 \& 1,668 \& 218, 628 \& 27, 319 \& \& 130, 229 \& \& 146 \& 151 \& 112 \& 135 \& 155
144 \\
\hline 1929 mo. avo. \& 21,941 \& 17,
17, 292 \& 3636, 230 \& 317, \({ }^{381}\) \& 45, 4252 \& 2,021
2,012 \& - \begin{tabular}{l} 
261, \\
323,354 \\
\hline
\end{tabular} \& \begin{tabular}{l} 
28, \\
438 \\
\hline 885
\end{tabular} \& 124,372
124,899 \& 150, \({ }^{158,272}\) \& 127, 1288 \& \begin{tabular}{l}
184 \\
183 \\
\hline
\end{tabular} \& 199 \& \(\begin{array}{r}103 \\ 86 \\ \\ \hline\end{array}\) \& 155
154
154 \& 144 \\
\hline 1930 mo. av.. \& 12, 841 \& 10, 454 \& 279, 666 \& 232, 62 \& 47,603 \& 1,447 \& 218, 832 \& 34, 184 \& 88, 143 \& 97, 843 \& 86, 305
77388 \& 112 \& 112 \& 89 \& 133 \& 126 \\
\hline 1931 mo. av.- \& 6,885 \& E, 424 \& 199, 145 \& 164, 424 \& 34, 721 \& 1,011 \& 159, 013 \& 26, 150 \& 78, 128 \& 89,559 \& 77,386 \& 87 \& 83 \& 63 \& 117 \& 88 \\
\hline \multicolumn{17}{|l|}{} \\
\hline February. \& \begin{tabular}{l} 
3,731 \\
5,477 \\
\hline 8
\end{tabular} \& 3, 112
4,494 \& 117,418 \& 94, 110 \& 23, 308 \& 726 \& 82, 813 \& 14, 558 \& 46, 855 \& 62, 850 \& 52,539 \& 64 \& 61 \& 53 \& 81 \& 57 \\
\hline March. \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& \mathbf{8 ,}, 318 \\
\& \mathbf{6}, 810
\end{aligned}
\]} \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& \mathbf{7 , 4 0 4}, 604 \\
\& 5,660
\end{aligned}
\]} \& 118, 959 \& 99, 399 \& 19,560 \& 648 \& 92, 192 \& 16,874 \& 48; 717 \& 59, 696 \& 48,383 \& 65 \& 58 \& 52 \& 107 \& 62 \\
\hline April. \& \& \& 148, 326 \& 120,937 \& 27, 389 \& 679 \& 121, 093 \& 17,784 \& 81, 573 \& 78, 359 \& 69, 229 \& 63 \& 56 \& 45 \& 110 \& 58 \\
\hline May. \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 8,810 \\
\& 8,221
\end{aligned}
\]
\[
7,112
\]} \& \multirow[t]{2}{*}{\begin{tabular}{l} 
5, 660 \\
7,269 \\
\hline
\end{tabular}} \& 184, 295 \& 157, 756 \& 26, 539 \& 692 \& 131, 282 \& 18,696 \& 63,500 \& 66, 739 \& 60, 270 \& 62 \& 53 \& 55 \& 109 \& 59 \\
\hline June. \& \& \& 183, 106 \& 160, 338 \& 22,768 \& 532 \& 148, 752 \& 17,876 \& 56, 887 \& 52,561 \& 46,148 \& 56 \& 45 \& 57 \& 118 \& 50 \\
\hline July-.... \& \multirow[t]{2}{*}{} \& 6,773 \& 109, 143 \& 94, 705 \& 14, 438 \& 339 \& 104, 188 \& 14,731 \& 32, 849 \& 36,872 \& 31, 096 \& 45 \& 37 \& 49 \& 90 \& 37 \\
\hline August. \& \& 3, 166 \& 90, 325 \& 75, 907 \& 14, 418 \& 233 \& 93, 457 \& 15, 081 \& 37, 230 \& 30,419 \& 24, 151 \& 35 \& 24 \& 47 \& 94 \& 40 \\
\hline September.- \& 4, 4 267 \& 1, 741
\(\mathbf{2}, 361\) \& 84,150
48802 \& 64,
35,
35 \& 19,402
13,595 \& 201 \& \begin{tabular}{l}
81,893 \\
63,195 \\
\hline
\end{tabular} \& 14,967
15,156 \& 34, 694 \& 30, 117 \& 23, 545
5,810 \& 35
39 \& 22 \& \begin{tabular}{l}
56 \\
85 \\
\hline
\end{tabular} \& 99 \& 43 \\
\hline November. \& \[
\begin{aligned}
\& 2,823 \\
\& 2,204 \\
\& 2,204
\end{aligned}
\] \& 1,669 \& 49, 557 \& 47, 532 \& 12, 25 \& 471 \& -44, 358 \& 10,392 \& 12,780 \& 10, \({ }_{\text {cris }}\) \& \(\begin{array}{r}\text { 2, } \\ 2 \\ \hline\end{array}\) \& 45 \& \({ }_{36}^{26}\) \& 85
73 \& 91
86 \& 31 \\
\hline Deceraber--- \& \[
\begin{aligned}
\& 2,204 \\
\& 2,139
\end{aligned}
\] \& 1,561 \& 107, 363 \& 86, 149 \& 21, 204 \& 649 \& 45,683 \& 9,522 \& 19, 892 \& 53,942 \& 44, 101 \& 51 \& 48 \& 54 \& 76 \& 28 \\
\hline Monthly av.. \& 5,088 \& \multirow[t]{2}{*}{4,227} \& 114, 223 \& 94, 624 \& 19,599 \& 622 \& 91, 367 \& 16, 034 \& 42,505 \& 46, 914 \& 39,405 \& 52 \& 44 \& 57 \& 86 \& 46 \\
\hline 1933 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline January ... \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 3,358 \\
\& 3,298
\end{aligned}
\]} \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& \mathbf{2 , 9 2 1} \\
\& \mathbf{3 , 0 2 5}
\end{aligned}
\]} \& 128, 825 \& 109, 833 \& 18,992 \& 727 \& 79,845 \& 11,709 \& 50,653 \& 82,117 \& 72, 274 \& 51 \& 46 \& 46 \& 84 \& 36 \\
\hline February ... \& \& \& 105, 447 \& 90, 128 \& 15,319
17803 \& 580
347 \& 69, 471 \& 9,707
9 \& 42,280 \& 59,614
58,018 \& \begin{tabular}{l} 
50, 212 \\
45 \\
\hline 1098
\end{tabular} \& \({ }_{41}^{50}\) \& 45
33 \& 40
42 \& 84
87 \& \begin{tabular}{l}
34 \\
32 \\
\hline
\end{tabular} \\
\hline April... \& \[
\begin{aligned}
\& 6,632 \\
\& 8,255
\end{aligned}
\] \& \multirow[t]{2}{*}{6, \({ }^{657} 8\)} \& 176, 432 \& 149, 755 \& 26,677 \& 347
898 \& r8,
119,972 \& 17,301 \& 71, 699 \& -56,967 \& 74, 742 \& \({ }_{64}\) \& 35
59 \& 46 \& 108 \& 38 \\
\hline May \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 9,306 \\
\& 7,323
\end{aligned}
\]} \& \& 214, 411 \& 180, 651 \& 33, 760 \& 938 \& 160, 225 \& 20, 925 \& 85, 969 \& 88, 205 \& 85, 980 \& 71 \& 64 \& 56 \& 118 \& 50 \\
\hline June... \& \& 6,005 \& 249, 727 \& 207, 597 \& 42, 130 \& 1,015 \& 174, 219 \& 23, 254 \& 101,827 \& 113,701 \& 99, 956 \& 81 \& 73 \& 99 \& 129 \& 50 \\
\hline July \& \multirow[t]{2}{*}{6,640
6,079} \& 5,322 \& 229, 357 \& 191,265 \& 38, 092 \& 890 \& 185, 700 \& 30, 642 \& 87, 298 \& 106, 918 \& 92,546 \& 76 \& 68 \& 83 \& 119 \& 47 \\
\hline August...... \& \& 4, 919 \& 232, 855 \& 191,414 \& 41, 441 \& 961 \& 178, 935 \& 28,799 \& 86,372 \& 97, 614 \& 84,504 \& 80 \& 71 \& 99 \& 134 \& 56 \\
\hline September.- \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 5,808 \\
\& 3,682
\end{aligned}
\]} \& 4, 358 \& 191, 800 \& 157, 376 \& 34, 424 \& 701 \& 157,834 \& \({ }^{31,269}\) \& 71, 458 \& 81, 148 \& 67,733 \& 74 \& 68 \& 101 \& 120 \& 48 \\
\hline October-....- \& \& 2,723 \& 134,683
60,683
80 \& 104,870
42 \& 29, 813
18,318 \& 523
506 \& 136,075
94,145 \& 28, 058 \& \begin{tabular}{l}
63,518 \\
35,417 \\
\hline 1
\end{tabular} \& \begin{tabular}{l}
53,054 \\
10,384 \\
\hline 1
\end{tabular} \& \(\begin{array}{r}\text { 41, } \\ \text { 3, } 483 \\ \hline 12\end{array}\) \& 59
56 \& 47
44 \& \({ }_{86}^{91}\) \& 109
105 \& \({ }_{46}^{47}\) \\
\hline December-.- \& \[
\begin{aligned}
\& 0,291 \\
\& \mathbf{n}_{2}^{2}, 190 \\
\& 3,19
\end{aligned}
\] \& 2,171 \& 80, 565 \& 50, 789 \& 29,776 \& 627 \& 58,624 \& 15, 880 \& 11,961 \& 21, 295 \& 11, 191 \& 59 \& 63 \& 67 \& 89 \& 43 \\
\hline Monthly av-. \& 6,488 \& 4,488 \& 180, 005 \& 131, 128 \& 28,879 \& 728 \& 124, 483 \& 20,489 \& 82, 982 \& 72,420 \& 00,787 \& 84 \& 55 \& 71 \& 107 \& 44 \\
\hline 1934 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline January..... \& \[
\begin{array}{r}
6,904 \\
8,571
\end{array}
\] \& 4,946 \& 155, 666 \& 112, 754 \& 42,912 \& 789 \& \({ }_{61}^{61,242}\) \& 22, 903 \& 23, 438 \& 62, 506 \& 46, 190 \& 78 \& 74 \& 77 \& 102 \& 57 \\
\hline February... \& \multirow[t]{2}{*}{14, 180} \& 72,272 \& 230, 256
338,434 \& 186,774 \& 43, 482
59,160 \& 1,262
1,652 \& -94,887 \& 24,478
33,884 \& 58, 9111 \& 100,848
153,250 \& 82,222
119,858 \& 106 \& 109
150 \& \begin{tabular}{l}
77 \\
73 \\
\hline
\end{tabular} \& 118 \& 59
72 \\
\hline April. \& \& 16, 451 \& 352, 975 \& 288, 355 \& 64, 620 \& 1,636 \& 223, 050 \& 38,882 \& 108, 349 \& 153, 954 \& 121, 964 \& 127 \& 130 \& 72 \& 145 \& 71 \\
\hline May.... \& \multirow[t]{2}{*}{20,161
13,905} \& 16, 504 \& 330, 465 \& 273, 764 \& 56, 691 \& 1,140 \& 219, 225 \& 39,831 \& 95, 263 \& 132, 837 \& 103, 844 \& 115 \& 112 \& 83 \& 143 \& 86 \\
\hline June. \& \& 10,810 \& 306, 477 \& 261, 280 \& 45,197 \& 1,016 \& 223, 864 \& 34,768 \& 112, 847 \& 146, 881 \& 118,789 \& 106 \& 101 \& 96 \& 135 \& 71 \\
\hline July--..-...- \& 11, 114 \& 8,407 \& 264, 933 \& 223,094 \& 41,839 \& 1,155 \& 229, 006 \& 37,490 \& 101, 243 \& 134, 324 \& 107, 554 \& 99 \& 95 \& 82 \& 127 \& 67 \\
\hline August.-...- \&  \& 7,325 \& 234, 811 \& 183, \({ }^{1800}\) \& 51, 311 \& 752
526 \& 183, 198 \& 407,90 \& 86, 258 \& 109, 278 \& 87, 429
53
53 \& 82 \& 85 \& 101 \& 134 \& \({ }_{60}^{68}\) \\
\hline October... \& 3,780 \& 2,125 \& 131, 991 \& 84, 003 \& 47, 988 \& 630 \& 140, 937 \& 40,878 \& 69,090 \& 72, 050 \& 50, 514 \& 79 \& 66 \& 107 \& 135 \& 61 \\
\hline November.-. \& \multirow[t]{2}{*}{1, \({ }^{\text {1,697 }}\) 2,694} \& 1,052 \& 83, 482 \& 49, 020 \& 34, 462 \& 578 \& 107, 574 \& 28,689 \& 62,752 \& 61, 037 \& 39, 048 \& 77 \& 66 \& 124 \& 123 \& 56 \\
\hline December \& \& 2, 443 \& 153, 624 \& 111, 061 \& 42,563 \& 1,199 \& 75, 514 \& 24, 070 \& 41,530 \& 41,594 \& 28, 344 \& 99 \& 101 \& 110 \& 103 \& 55 \\
\hline Monthly av..- \& 9,738 \& 7,721 \& 229, 428 \& 181, 493 \& 47, 933 \& 1,028 \& 167, 393 \& 38, 657 \& 77, 291 \& 103, 371 \& 79,958 \& 100 \& 97 \& 91 \& 128 \& 85 \\
\hline 1935 \& \multirow[t]{2}{*}{} \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline January \({ }^{\text {February }}\)-... \& \& 8,269
13,885 \& \({ }_{332,}^{282} \mathbf{7 2 8}\) \& 227, 5 274 \& 62, 174
58,655 \& 1,869
1,616 \& 136,635
170,615 \& 34,769
34,797 \& 64, 105
77,297 \& \(\begin{array}{r}\text { 98, } \\ 121,148 \\ \hline 18\end{array}\) \& 75, 727
92
9207 \& 113 \& 115
123

128 \& $\begin{array}{r}92 \\ 102 \\ \hline\end{array}$ \& 126
145 \& 65
70 <br>
\hline March... \& 18, 114 \& 18, 179 \& 425, 913 \& 359, 410 \& 66, 503 \& 1,724 \& 261, 477 \& 41, 611 \& 126, 691 \& 169, 302 \& 132, 622 \& 135 \& 142 \& 101 \& 144 \& 72 <br>
\hline April... \& 21, ${ }^{\text {a }}$ (123
24,123 \& 20, 688 \& 452, 936 \& 387, 158 \& 65,778 \& 1,907 \& 319,650 \& 48,785 \& 143, 909 \& 184, 059 \& 152, 946 \& 147 \& 156 \& 110 \& 144 \& 88 <br>

\hline May. \& \multirow[t]{2}{*}{| 20,702 |
| :--- |
| 15 |} \& 17,030 \& 361, 107 \& 305, 547 \& 55,560 \& 1,561 \& 293, 199 \& 47,968 \& 109, 051 \& 134, 597 \& 105, 159 \& 132 \& 132 \& 132 \& 148 \& 83 <br>

\hline June.- \& \& 12, 276 \& 356, 340 \& 294, 182 \& 62, 158 \& 1,428 \& 280, 360 \& 48,243 \& 137, 782 \& 181, 188 \& 150,863 \& 119 \& 102 \& 103 \& 131 \& 82 <br>
\hline July--......- \& 13,069 \& 9,471 \& 332,109 \& 274,344 \& 57,765 \& 1,339 \& 285, 178 \& 51, 243 \& 108, 645 \& 167, 790 \& 139,021 \& 114 \& 113 \& 95 \& 138 \& 81 <br>

\hline August.-...- \& $$
\begin{gathered}
7,692 \\
5
\end{gathered}
$$ \& 5,524

3,819 \& 237,400
87.540 \& 181,130
66,097 \& 56, 270 \& + 798 \& 233,851 \& 50,355
41,390 \& 127, 346 \& 124, 680 \& 103, 098 \& 92 \& 85 \& 126 \& 124 \& 75 <br>
\hline October.... \& 5,323 \& 7,128 \& 272,043 \& 213,310 \& 58, 733 \& 1,052 \& 147, 389 \& - 37,439 \& 68, 648 \& 39,
127,054 \& 22,
97,786 \& 132 \& $\begin{array}{r}98 \\ 137 \\ \hline\end{array}$ \& 120 \& 131 \& $\stackrel{91}{98}$ <br>

\hline November.- \& \multirow[t]{2}{*}{$$
\begin{aligned}
& 8,8,496 \\
& 13,775 \\
& 1,
\end{aligned}
$$} \& 12,042 \& 395, 059 \& 336, 914 \& 58, 145 \& 1,804 \& 220, 262 \& 36,935 \& 136, 859 \& 182, 754 \& 147, 849 \& 135 \& 148 \& 147 \& 139 \& 80 <br>

\hline December..- \& \& 11,370 \& 404, 528 \& 343, 022 \& 61, 506 \& 1,912 \& 237, 194 \& 39, 258 \& 122, 198 \& 185, 698 \& 150,010 \& 135 \& 155 \& 160 \& 107 \& 73 <br>
\hline Monthly av.-- \& 14,411 \& 11, 640 \& 328, 911 \& 271, 020 \& 57, 891 \& 1, 555 \& 228, 659 \& 42,557 \& 108, 583 \& 142, 974 \& 114,245 \& 124 \& 128 \& 121 \& 135 \& 80 <br>
\hline
\end{tabular}

For footnotes see p. 183.

TRANSPORTATION EQUIPMENT—RAILWAY EQUIPMENT $\ddagger$

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow{5}{*}{\[
\begin{aligned}
\& \text { Year and } \\
\& \text { Month }
\end{aligned}
\]} \& \multicolumn{18}{|c|}{RAILWAY EQUIPMENT (ASSOCLATION OF AMERICAN RAILROADS) \({ }^{1}\)} \\
\hline \& \multicolumn{7}{|c|}{Freight cars owned and on order \({ }^{2}\)} \& \multicolumn{9}{|c|}{Locomotives owned and on order :} \& \multicolumn{2}{|l|}{Passenger cars, end of quarter 4} \\
\hline \& \multicolumn{4}{|c|}{Owned, end of month} \& \multicolumn{3}{|l|}{Unfilled orders, end of month} \& \multirow[b]{2}{*}{} \& \multicolumn{3}{|l|}{Owned, end of month} \& \multirow[t]{2}{*}{} \& \multirow[b]{2}{*}{} \& \multicolumn{3}{|l|}{Unfilted orders, end of month} \& \multirow[t]{2}{*}{} \& \multirow[b]{2}{*}{} \\
\hline \&  \& \[
\begin{aligned}
\& \text { T․․ } \\
\& 0 \\
\& \hline 10
\end{aligned}
\] \& \[
\begin{aligned}
\& \text { 哥 } \\
\& \text { O } \\
\& \text { E } \\
\& \text { E }
\end{aligned}
\] \&  \& \[
\begin{aligned}
\& \text { T } \\
\& \stackrel{y}{6}
\end{aligned}
\] \&  \&  \& \& \[
\begin{aligned}
\& \text { T } \\
\& 0 \\
\& \hline 0
\end{aligned}
\] \&  \&  \& \& \& \[
\begin{aligned}
\& \text { T® } \\
\& \stackrel{\rightharpoonup}{6}
\end{aligned}
\] \&  \&  \& \& \\
\hline \& Mills. of lbs. \& Thous. \& \[
\underset{\text { ber }}{\text { Num- }}
\] \& \[
\begin{aligned}
\& \text { ded } \\
\& \text { N }
\end{aligned}
\] \& \multicolumn{3}{|c|}{Number} \& Mills. of lbs. \& \multicolumn{2}{|r|}{Number} \& \[
\begin{aligned}
\& \text { 己 } \\
\& \text { D2 } \\
\& \text { N }
\end{aligned}
\] \& \multicolumn{7}{|c|}{Number} \\
\hline 1920 mo. av- \& \& \& 166, 634 \& 7.3 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline 1921 mo. av.- \& \& \& 318,880 \& 13.9
13.3 \& \& --..--- \& \& \& \& \& \& \& \& \& \& \& 653,892 \& \({ }^{-1} 3121\) \\
\hline 1922 mo. av-- \& 5 199,898 \& 62,303 \& 302,456 \& 13.3
8.1 \& \& \& \& 2,485 \& 64, 714 \& \& \& 337 \& 306 \& 1,505 \& \& \& - \({ }^{6} 54,144\) \& - \({ }^{0} 11,121\) \\
\hline 1924 mo. av-- \& 204,419 \& 2, 323 \& 188, 012 \& 8.2 \& 48, 033 \& -74, 651 \& 3,482 \& 2,573 \& 64, 952 \& 6,071 \& 9.4 \& 187 \& 179 \& \({ }^{1} 391\) \& 351 \& 40 \& - 54,658 \& \({ }^{6} 815\) \\
\hline 1925 mo. av-- \& 209, 935 \& 2,355 \& 183, 725 \& 7.9 \& 34, 757 \& 27, 024 \& 6,833 \& 2,592 \& 64, 371 \& 8, 771 \& 9.0 \& 144 \& 250 \& 295 \& 236 \& 69 \& e 54,458 \& 0830 \\
\hline 1926 mo . av.- \& 211, 257 \& 2,345 \& 155,006 \& 6.7 \& 30, 055 \& 22,810 \& 7,245 \& 2,602 \& 63, 171 \& 4,951 \& 7.9 \& 200 \& 298 \& 507 \& 430 \& 77 \& - 64,166 \& -1,000 \\
\hline 1927 mo av-- \& 211, 729 \& 2,329 \& 138,490 \& 6.1 \& 19,836 \& 13, 363 \& 6, 471 \& 2,608 \& 61,773 \& 4,773 \& 7.8 \& 163 \& 298 \& 198 \& 165 \& 33 \& 8 53,856 \& \({ }^{6} 784\) \\
\hline 1928 mo ar-- \& 2108, 250 \& 2, 298
2,267 \& \begin{tabular}{l}
143,511 \\
138,268 \\
\hline
\end{tabular} \& 6.4 \& 14, 196 \& 11,414
30,794 \& 2,782
4,759 \& 2, 588
2,545 \& 59,922
57,752 \& 4,567
4,247 \& 7.7 \& 116 \& 278
300 \& 126
349 \& 103
300 \& 48 \& (8) \(\begin{aligned} \& 53,046 \\ \& 052,327\end{aligned}\) \& 61,024

6012 <br>
\hline 1930 mo av.- \& 211,041 \& 2,270 \& 141,696 \& 6.4 \& 19, 655 \& 15, 551 \& 4,105 \& 2,534 \& 56,319 \& 4, 4 , 63 \& 8.4 \& 137 \& 231 \& 296 \& 225 \& 71 \& -61,721 \& 0501 <br>
\hline 1931 mo av... \& 208, 545 \& 2,229 \& 175, 263 \& 8.0 \& 6, 370 \& 1,326 \& 5,044 \& 2,515 \& 55, 131 \& 6,145 \& 11.3 \& 76 \& 177 \& 49 \& 31 \& 18 \& 8 51,010 \& ${ }^{6} 45$ <br>
\hline 1932 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline January...-- \& 205,745 \& 2,181 \& 190,462 \& 9.0 \& 3,650

3,214 \& 259 \& | 3,391 |
| :--- |
| 3,064 | \& 2,489

2.487 \& 54, 228 \& 7,331 \& 13.7
14 \& 51
40 \& 285 \& 38
36 \& 30 \& \& \& <br>
\hline February ${ }^{\text {March }}$ \& 205, 5098 \& 2,188
2,180 \& 209, 272 \& 9.7 \& 2,974 \& 150 \& 2,824 \& 2, 481 \& 54,002 \& 7,642 \& 14.5 \& 33 \& 199 \& 36 \& 30 \& 0 \& 50,182 \& 43 <br>
\hline April... \& 204, 297 \& 2,174 \& 218, 303 \& 10.1 \& 2,712 \& 150 \& 2,562 \& 2,475 \& 53,815 \& 7,851 \& 15.0 \& 42 \& 229 \& 31 \& 25 \& 0 \& \& <br>
\hline May...- \& 203,657 \& 2,160 \& 230, 820 \& 10.8 \& 2,429 \& 0 \& 2, 429 \& 2,471 \& 53, 696 \& 8,142 \& 15. 5 \& 55 \& 174 \& 18 \& 12 \& 6 \& \& <br>
\hline June.-.--- \& 203, 376 \& 2,163 \& 234, 315 \& 11.0 \& 1,851 \& 0 \& 1,851 \& 2,467 \& 53, 572 \& 8,233 \& 15.8 \& 54 \& 178 \& 6 \& 0 \& 0 \& 49, 957 \& 44 <br>

\hline July...- \& 202, 807 \& | 2,167 |
| :--- |
| 1 | \& 245,749 \& 11.5 \& 1,572 \& 0 \& 1,572 \& 2, 459 \& 63, 264 \& 8,291 \& 16.0 \& 29 \& 338

133
138 \& 6 \& 0 \& 6 \& \& <br>
\hline August--- \& 202, 2984 \& 2,149
2,141 \& 253, ${ }^{2608}$ \& 11.5
12.4 \& 1, 1,275 \& 0 \& 1, 1,275 \& 2,458 \& b3, ${ }^{636}$ \& 8, 878 \& 17.1 \& 31 \& 138
287 \& 4 \& 0 \& 4 \& 49,310 \& 47 <br>
\hline October... \& 201, 326 \& 2,138 \& 268, 170 \& 12.7 \& 2,465 \& 0 \& 2, 465 \& 2,444 \& 52, 791 \& 9, 190 \& 17.8 \& 47 \& 193 \& 3 \& 0 \& 3 \& \& <br>
\hline November. \& 201, 055 \& 2,134 \& 265, 239 \& 12.6 \& 2,398 \& 0 \& 2,398 \& 2, 439 \& 52, 650 \& 9,316 \& 18.0 \& 32 \& 173 \& 3 \& 0 \& 3 \& \& <br>
\hline December-.-- \& 200, 547 \& 2,127 \& 266, 066 \& 12.6 \& 2,431 \& 50 \& 2,381 \& 2, 435 \& 52,490 \& 9,558 \& 18.5 \& 36 \& 196 \& 3 \& 0 \& 3 \& 48, 988 \& $1 \overline{0}$ <br>
\hline Monthly av..- \& 203, 116 \& 2,160 \& 287, 968 \& 11.2 \& 2, 365 \& 63 \& 2, 501 \& 2,463 \& 53, 400 \& 8,387 \& 18.1 \& 43 \& 207 \& 16 \& 11 \& 6 \& 849,609 \& 037 <br>
\hline 1933
nuary \& 200, 250 \& 2,123 \& 266, 594 \& 12.7 \& 2, 223 \& 1 \& 2,222 \& 2, 432 \& 52,401 \& 10,014 \& 19, 4 \& 31 \& 120 \& 3 \& 0 \& \& \& <br>
\hline February-... \& 198, 997 \& 2,106 \& 209, 378 \& 12.9 \& 1, 974 \& 0 \& 1, 974 \& 2, 428 \& 52, 237 \& 10, 290 \& 20.0 \& 57 \& 221 \& 3 \& 0 \& 3 \& \& <br>
\hline March \& 198, 652 \& 2,101 \& 274, 368 \& 13.2 \& 1,873 \& 0 \& 1,873 \& 2,423 \& 52,081 \& 10,545 \& 20.6 \& 41 \& 197 \& 3 \& 0 \& 3 \& 48,592 \& 4 <br>
\hline April.... \& 198, 158 \& 2,095 \& 286. 987 \& 13.8 \& 1, 661 \& 0 \& 1,561 \& 2, 422 \& 52, 020 \& 10,743 \& 21.2 \& 44 \& 105 \& 3 \& 0 \& 3 \& \& <br>
\hline May ... \& 197, 1684 \& 2,088
2,077 \& 303,758
316,107 \& 14.7
15.4 \& 1,205
1,205 \& 0 \& 1,205

1,205 \& | 2, 210 |
| :--- |
| 107 | \& 51, 654 \& 11, 103 \& 21.9

22.2 \& 43
89 \& 410
355 \& 1 \& 0 \& 1 \& 47,881 \& 7 <br>
\hline July. \& 196,059 \& 2,069 \& 316, 437 \& 15.4 \& 1,187 \& 0 \& 1,187 \& 2,396 \& 51, 233 \& 11, 109 \& 22.1 \& 23 \& 322 \& 1 \& 0 \& 1 \& \& <br>
\hline August.-.-. \& 195, 380 \& 2, 060 \& 304, 202 \& 14.9 \& 1,129 \& 0 \& 1,129 \& 2,391 \& 51, 081 \& 11,000 \& 21.9 \& 73 \& 248 \& 1 \& 0 \& 1 \& \& <br>
\hline Soptember -- \& 194,387 \& 2,047 \& 295, 056 \& 14.6 \& 275 \& 0 \& 275 \& 2. 382 \& 50, 788 \& 10,735 \& 21.5 \& 63 \& 346 \& 1 \& 0 \& 1 \& 47, 232 \& 3 <br>
\hline October------ \& 193, 556 \& 2,038
2,031 \& 295, ${ }^{295}$ \& 14.7
14.8 \& 127 \& 0 \& 127 \& 2,379
2,372 \& 50, 677 \& 10,963
10,824 \& 22.0
21.8 \& 42
26 \& 162
261 \& 1 \& 0 \& 1 \& \& <br>
\hline December---- \& 192, 828 \& 2,027 \& 289, 985 \& 14.5 \& 224 \& 0 \& 224 \& 2,370 \& 50, 323 \& 10,895 \& 21.9 \& 35 \& 204 \& 1 \& , \& 1 \& 46,407 \& $\overline{6}$ <br>
\hline Monthly av.. \& 196, 300 \& 2,078 \& 292, 812 \& 14.3 \& 1,092 \& 0 \& 1,092 \& 2,401 \& 51, 373 \& 10,785 \& 21.4 \& 48 \& 263 \& 2 \& 0 \& 2 \& 347, 828 \& 08 <br>

\hline $$
\begin{array}{r}
1934 \\
\text { January... }
\end{array}
$$ \& 182, 167 \& 2,019 \& 286, 928 \& 14.4 \& 732 \& \& 722 \& \& 50,103 \& \& 22.2 \& 38 \& 268 \& 1 \& 0 \& \& \& <br>

\hline February... \& 191, 580 \& 2,012 \& 295, 582 \& 14.9 \& 5, 019 \& 0 \& 5,019 \& 2,361 \& 50, 034 \& 11, 119 \& 22.6 \& 75 \& 144 \& 21 \& 20 \& 1 \& \& <br>
\hline March... \& 191, 149 \& 2,007 \& 291, 081 \& 14.7 \& 6, 512 \& 1,700 \& 4, 812 \& 2,356 \& 49, 861 \& 11, 259 \& 23.0 \& 52 \& 192 \& 21 \& 20 \& 1 \& 45,842 \& 92 <br>
\hline April. \& 190, 079 \& 1,994 \& 295, 191 \& 15.0 \& 15, 064 \& 10,000 \& 5, 964 \& 2,345
2 \& 49,573 \& 11, 095 \& 22.8 \& 48
37 \& 311 \& 21 \& 20 \& 1 \& \& <br>
\hline June... \& 189, 426 \& 1,985 \& 298, 848 \& 15.3 \& 17,813 \& 12,516 \& 5,297 \& 2,334 \& 49,211 \& 10,803 \& 22.3 \& 40 \& 224 \& 40 \& 40 \& 0 \& 45, 278 \& 118 <br>
\hline July-........- \& 188, 491 \& 1,971 \& 299, 780 \& 15.5 \& 13,755 \& 9, 607 \& 4, 148 \& 2,310 \& 48,587 \& 10,789 \& 22. 3 \& 70 \& 568 \& 35 \& 15 \& 20 \& \& <br>
\hline August--.-- \& 186, 1188 \& 1,949
$\mathbf{1}, 938$ \&  \& 16.3

16.5 \& | 8, 648 |
| :--- |
| 5,648 | \& 6, ${ }^{\mathbf{6}, 675}$ \& 2, 248

2,073 \& -2,297 \& | 48,209 |
| :--- |
| 47782 | \& 10,616 \& 22.4

22.2 \& 62

48 \& | 439 |
| :--- |
| 475 | \& 35 \& 35

37 \& 0 \& 44,363 \& 193 <br>
\hline October...-- \& 186, 497 \& 1,932 \& 297, 546 \& 15.6 \& 3,080 \& 1,795 \& 1,285 \& 2,278 \& 47, 553 \& 10, 676 \& 22.5 \& 62 \& 291 \& 34 \& 34 \& 0 \& \& <br>
\hline November-.- \& 184, 898 \& 1,925 \& 296, 947 \& 15.6 \& 1,771 \& 959 \& 812 \& 2,271 \& 47, 329 \& 10,718 \& 22.7 \& 68 \& 292 \& 23 \& 23 \& 0 \& \& <br>
\hline December--- \& 183, 363 \& 1,907 \& 290, 700 \& 15.5 \& ${ }^{6} 628$ \& 53 \& 575 \& 2, 251 \& 46,869 \& 10,344 \& 22.1 \& 81 \& 543 \& 7 \& 7 \& 0 \& 43,342 \& 182 <br>
\hline Monthly av.- \& 188, 280 \& 1,969 \& 296, 214 \& 15.2 \& 8,376 \& 6,093 \& 3, 289 \& 2,316 \& 48,709 \& 10,853 \& 22.5 \& 67 \& $\mathbf{3 2 9}$ \& 26 \& 24 \& 2 \& -44,706 \& -148 <br>

\hline $$
\begin{array}{r}
1935 \\
\text { January }
\end{array}
$$ \& 182,685 \& \& 285, 266 \& 15. 2 \& 818 \& 399 \& 419 \& \& \& 10, 419 \& 22.3 \& \& 261 \& 5 \& 5 \& \& \& <br>

\hline February...- \& 182, 117 \& 1,892 \& 277, 451 \& 14.9 \& 427 \& 113 \& 314 \& 2,236 \& 46, 363 \& 10, 423 \& 22.8 \& 64 \& 337 \& 5 \& 5 \& 0 \& \& <br>
\hline March...-.-- \& 181, 773 \& 1,888 \& 274, 775 \& 14.8 \& 894 \& 280 \& 414 \& 2,232 \& 46, 237 \& 10, 389 \& 22.5 \& 45 \& 171 \& 1 \& 0 \& 1 \& 42, 428 \& 76 <br>
\hline April......- \& 181,396 \& 1,883
1,873 \& 284, 728 \& 15.4 \& 1,447 \& 533
549 \& 914 \& 2,231 \& 48, 192 \& 10, 537 \& 22.8 \& 62 \& 106 \& 1 \& 0 \& 1 \& \& <br>
\hline May.... \& 180,559
180,114 \& 1,873
1,868 \& 283, 310
2765 \& 15.4
15.0 \& 1, 474 \& 549
414 \& 928
2,013

028 \& 2,228 \& | 48,099 |
| :--- |
| 45 | \& 10,582

10,541 \& 23.0
23.0 \& 63
57 \& 150
246 \& 10
6 \& $\stackrel{2}{2}$ \& 8 \& 41, 886 \& 68 <br>
\hline July -- \& 179, 556 \& 1,861 \& 281, 262 \& 15.3 \& 2,173 \& 427 \& 1,746 \& 2,222 \& 45,883 \& 10,557 \& 23.0 \& 92 \& 118 \& 4 \& 2 \& 2 \& \& <br>
\hline August....-- \& 179, 203 \& 1,857 \& 285, 320 \& 15.6 \& 7,259
7,440 \& 5,841 \& 1,418 \& 2,219
2,215 \& ${ }_{45,}^{45} 8881$ \&  \& 22.7
22.6 \& 60
86 \& 122 \& ${ }_{14}^{9}$ \& 11 \& 2 \& \& <br>
\hline Oetoher \& 178, 125 \& 1,842 \& 284, 125 \& 15.5
15.0 \& 6, ${ }^{\text {6,4 }} 4$ \& 5,775
4,514 \& 1,665
1,918 \& 2, 21215 \& 45, 4 , 610 \& 10,335
10,187 \& 22.6

22.3 \& | 86 |
| :--- |
| 43 | \& 221

119 \& 14 \& 11 \& 3 \& 41, 405 \& 9 <br>
\hline November-.- \& 176, 727 \& 1,827 \& 269, 984 \& 15.0 \& 4,489 \& 2,798 \& 1,691 \& 2, 211 \& 45, 565 \& 10, 127 \& 22.2 \& 53 \& 108 \& 14 \& 9 \& 5 \& \& <br>
\hline December-.-- \& 175, 772 \& 1,817 \& 266, 876 \& 14.9 \& 12,715 \& 5,224 \& 7,491 \& 2, 206 \& 45, 375 \& 9. 914 \& 21.8 \& 54 \& 241 \& 5 \& 0 \& 5 \& 40,509 \& 26 <br>
\hline Monthly av .- \& 179, 727 \& 1,868 \& 278, 687 \& 18.2 \& 3,983 \& 2,239 \& 1,744 \& 2,223 \& 45,948 \& 10,968 \& 22.6 \& 68 \& 184 \& 7 \& 4 \& 3 \& 041,682 \& - 45 <br>
\hline
\end{tabular}

For footnotes see p. 183.

TRANSPORTATION EQUIPMENT—RAILWAY EQUIPMENT ${ }^{\ddagger}$ —Continued

| Year andMonth | bureau of the census |  |  |  |  |  |  |  |  | AMERICAN RAILWAY |  |  |  | RAILWAY AGE |  |  | BUREAU OF FOREIGN AND DOMESTIC COMMERCE |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Locomotives ${ }^{\text {a }}$ |  |  |  |  |  |  | Industrial electric locomotives ${ }^{\text {a }}$ <br> Shipments (quarterly) |  | Shipments ${ }^{\text {4 }}$ |  |  |  | New orders ${ }^{\text {3 }}$ |  |  | Exports of locomotives ${ }^{3}$ |  |  |
|  | Unfilled orders, end of month |  |  |  | $\underset{\text { mestic }}{\text { Shipments, }}$ |  |  |  |  | Freight cars |  | Passengercars |  | $\begin{gathered} \text { Freight } \\ \text { cars } \end{gathered}$ | Loco mom tives | $\begin{aligned} & \text { Pas- } \\ & \text { sen- } \\ & \text { ger } \\ & \text { cars } \end{aligned}$ | Total | $\begin{aligned} & \text { Elec- } \\ & \text { tric } \end{aligned}$ | Steam |
|  | Total | Domestic |  |  | Total | $\begin{gathered} \text { EIec- } \\ \text { tric } \end{gathered}$ | Steam | Total | For min ling use | Total | $\begin{gathered} \text { Do- } \\ \substack{\text { mes- } \\ \text { tic }} \end{gathered}$ | Total | $\begin{gathered} \text { Bo- } \\ \text { mes- } \\ \text { tic } \end{gathered}$ |  |  |  |  |  |  |
|  | Number |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 12, 228 | 289 | 260 | 44 | 3 | 41 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 6, 689 | 105 | 140 | 28 | 5 | 22 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 9,149 | 134 | 165 | 55 | 3 | 62 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14, 171 | 243 | 192 | 75 | 8 | 68 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 6, 614 | 225 | 94 | 153 | 6 | 148 |
|  |  |  |  |  |  |  |  |  |  | 7,961 | 4,382 | 70 | 63 | 9,509 | 216 | 1 | 92 | 4 | 89 |
| 1919 mo. av-- |  |  |  |  |  |  |  |  | -......... | 11,9175,1163,5284,8864 | 6, 90438893 | 19 | 11 | 1,839 | $\begin{array}{r} 18 \\ 167 \end{array}$ | $\begin{array}{r}24 \\ 148 \\ \hline 18\end{array}$ | 86148 | 8 | 80 |
| 1920 mo. av-- | 1,328 | 899 <br> 207 <br> 8 |  |  |  |  | 110 69 |  |  |  |  | 34 75 75 | 23 71 |  |  |  |  | 5 0 0 | 143 84 |
|  | 305 <br> 852 | 207 792 | 1 | 206 787 | 69 88 88 | 0 | 69 <br> 88 |  |  |  | 3.109 4.749 | 75 59 | 71 45 | 1,946 15,013 | 20 217 | 21 199 | 84 | 0 1 | 84 31 |
| 1923 mo. av--1924 mo. av-- | 1,578 | + |  | 1,488 | 251 | 2 | 249 | $\cdots$ | 143 | $\begin{array}{r} 4,230 \\ 12,233 \\ 6,850 \end{array}$ | 12,069 | 13893 | 135 | 7, 873 | 162 | 185 | 2932 | 7 | 22 |
|  | - 474 |  | 42 | $\begin{array}{r}1,488 \\ \hline\end{array}$ | 111 | 1 | 109 |  |  |  | 6,718 |  | 88 | 11, 977 | 118 | 213 |  | 5 | 27 |
| 1925 mo. 日v.. | 431 | 361 | 26 | 335 | 68 | 5 | 63 | ${ }^{7} 186$ | ${ }^{7} 172$ | 8, 142 | 7,886 | 102 | 98 | 7,735 | 88 | 183 | 32 | 2 | 30 |
| 1926 mo. ${ }^{\text {mo }}$ - | 5556 | 471 260 | 27 | 461 | 116 | 4 | 113 | ${ }^{7} 7235$ | ${ }^{7} 218$ | 6, 776 | 6,573 | 187 | 179 | 5,586 | 108 | 156 | ${ }_{21}^{25}$ | 3 | 23 |
|  | 297 <br> 182 | 260 162 | 17 10 | 248 134 | 64 <br> 34 <br> 68 | 4 3 4 | 61 31 |  | ? ${ }^{7} 2128$ | 4,608 | 4, 569 3,190 | 123 103 | 119 93 | 6,001 4,267 | 61 50 | 134 161 | 21 26 | 2 9 | 19 16 |
| 1929 mo. av-. | 450 | 419 | 36 | 383 | 63 | 4 | 59 | ${ }^{+} 206$ | ${ }^{7} 189$ | 6,068 | 5,780 | $\stackrel{9}{ }$ | 85 | 9,268 | 101 | 192 | 23 | 8 | 17 |
| 1930 mo. av-- | 360 130 | ${ }_{3}^{354}$ | 72 | 282 | 68 13 | 7 | 59 | ${ }^{7} 124$ | ${ }^{7} 112$ | 5, 590 | 5,446 | 60 17 | 57 | 3, 863 | $\stackrel{37}{15}$ | 56 | 7 3 | ${ }_{3}^{3}$ | 4 |
| 1931 mo. 8 c -- | 130 | 116 | 74 | 42 | 13 | 3 | $\theta$ | ${ }^{7} 57$ | 751 | 659 | 625 | 17 | 16 | 907 | 15 | 1 | 3 | 1 | 2 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| March... | $\begin{aligned} & 177 \\ & 172 \\ & 169 \end{aligned}$ | 161 | 127 | 32 | 010881317 | 0000205 | 01001313 | ----18- | $\cdots$ | 32010341533 | 3 | 1 | 0 0 1 | 159 10 105 | 0 0 0 0 | 30 0 0 | 3 |  |  |
| April. | 161 | 163 |  | 32 28 |  |  |  |  |  |  |  |  |  | 105026 | 000 | 00 | 022 | 022 | \|r |
| May | 146 | 140 | 127 | 13 |  |  |  | - ${ }^{-\cdots}$ |  |  | 153 | 0 | 0 |  |  |  |  |  |  |
| June... | 129 | 123 | 122 | 1 |  |  |  |  | -..---- |  | 3 | 0 |  | 50 | 1 | 0 | 1 | 0 |  |
| July.......... | 120 | 114 | 113 | 1 | 17 | 9 | 0 |  |  | 3 3 | 3 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 |
| August....... | ${ }_{98}^{111}$ | 105 86 | 104 95 | 1 | 9 9 | 9 9 | 0 | 12 | 12 | 44 1 | 19 | 0 0 | 0 | 16 1,285 | 0 0 | 0 | 1 0 | 0 | 1 |
| October-....- | 86 | 86 | 85 | 1 | 10 | 10 | 0 |  |  | 0 | 0 | 0 | 0 |  | 0 | 0 | 6 | 6 | 0 |
| November... | 78 | 78 | 77 | 1 | 8 | 8 | 0 |  |  | 12 | 12 | 0 | 0 | ${ }_{5}^{2}$ | 0 | 0 | 0 | 0 | 0 |
| December---- | 73 | 73 | 72 | 1 | 6 | 6 | 0 | 14 |  | 15 | 14 | 0 | 0 | 50 | 1 | 0 | 0 | 0 | 0 |
| Monthly av.... | 127 | 121 | 100 | 12 | 8 | 5 | 3 | ${ }^{1} 13$ | ${ }^{13}$ | 47 | 40 | 0 | 0 | 164 | 1 | 3 | 1 | 0 | 1 |
| January | 71 | 71 | $\begin{aligned} & 70 \\ & 68 \\ & 67 \end{aligned}$ | $\begin{array}{r}1 \\ 2 \\ 2 \\ \hline\end{array}$ | 232 | 2322 | 0 |  |  | 3 | 3 | 0 | 0 | 3 | 4 | 0 | 0 | 0 |  |
| February---- | 706968 | 7069 |  |  |  |  |  | --.-13-1 | - ${ }^{-\cdots-12}$ | 15 | $\begin{array}{r}15 \\ 8 \\ \hline\end{array}$ | 0 | 0 | 0 | 2 |  | 0 0 0 |  |  |
| March.....--- |  |  |  | 1 | 1 |  | 0 |  |  | $\stackrel{9}{9}$ |  | 0 | 0 | ${ }_{6}^{6}$ |  | 4 | 5 | 0 | 5 |
| April...... | 78 | 68 | $\begin{aligned} & 67 \\ & { }^{67} \end{aligned}$ | 1 |  | 2 0 1 | 1 | - | -1.--46 | 0 <br> 3 | ${ }_{3}$ | 0 | 0 | ${ }_{8} 8$ | 2 | 0 | 0 | 0 | 0 |
| June..........-- | 71 | 68 | 66 | 2 | 0 | 0 | 0 |  |  | 2 | 2 |  | 0 | 500 | - | 0 | 4 | 0 | 4 |
| July.........- | 80 | 77 | 76 | 2 | 0 | 0 | 0 |  |  | 165 | 120 | 4 | 4 | 66 | 11 | 0 |  | 0 | 0 |
| August.....- | 79 83 | 77 | 75 | 2 | $\stackrel{2}{2}$ | 1 | 1 |  |  | 427 | 392 | 0 | 0 | 130 | 0 | 0 | 3 | 0 | 2 |
| October-....- | 88 | 79 | 78 | 1 | 2 0 | 0 | 1 | 38 | 38 | - 162 | 112 | 0 | 0 | 520 | 4 | 0 | 3 | 0 | 3 |
| November...- | 82 | 79 | 77 | 2 | 1 | 1 | 0 |  |  | 62 | 62 | 0 | 0 | 665 | 1 | 0 | 2 | 0 | 2 |
| December-.-- | 74 | 72 | 72 | 0 | 7 | 5 | 2 | 38 | 37 | 67 | 66 | 0 | 0 | 12 | 10 | 0 | 7 | 0 | 7 |
| Monthly av... $1934$ | 75 | 73 | 72 | 1 | 2 | 1 | 0 | 120 | ${ }^{7} 28$ | 85 | 72 | 0 | 0 | 140 | 4 | 0 | 2 | 0 | 2 |
| January------ | 97 | 95 | 85 | 10 | 5 | 5 |  |  |  |  | 22 | 0 | 0 | 160 | 0 | 0 | 8 | 0 | 3 |
| February-.-- | 120 | 116 | 85 | 31 | 0 | 0 | 0 |  |  | 24 | 24 | 2 | 2 | 19,727 | 20 | 177 | 2 | 0 | $\stackrel{2}{4}$ |
| March...-..-- | 121 | 117 | 86 | 31 | 1 | 1 | 0 | 39 | 38 | 25 | 21 | 0 | 0 | $\begin{array}{r}622 \\ 750 \\ \hline\end{array}$ | 3 <br> 4 <br> 4 | 58 75 | 0 <br> 3 | 0 | 3 |
| April.......-- | 146 136 | 142 125 | 88 60 | 64 65 | 0 31 | 0 31 | 0 |  |  | 159 | 159 190 | 0 | 0 | 750 | 40 | 76 47 | 2 | 1 | 1 |
| June.-..-...-.-- | 137 | 126 | 69 | 67 | 2 | 2 | 0 | 70 | 70 | 1,618 | 1,816 |  | 0 | 1,217 | 3 | 0 | 4 | 0 | 4 |
| July .-.....-- | $\begin{array}{r}133 \\ 135 \\ \hline\end{array}$ | 122 | ${ }_{69}^{61}$ | 61 | 6 | 0 | 6 |  |  | 3, 129 | 3, 059 | ${ }_{5}^{5}$ | 5 | ${ }_{13}$ | 0 | 0 | 1 | 0 | 1 |
| August......- | 135 127 | 1123 | 59 <br> 56 <br> 8 | 64 59 59 | $\begin{array}{r}4 \\ 13 \\ \hline\end{array}$ | $\stackrel{2}{3}$ | ${ }_{10}^{2}$ | 87 | 87 | 4, ${ }_{3}^{4} 181$ | 4, 184 3,329 | 56 38 38 | $\begin{array}{r}56 \\ 38 \\ \hline\end{array}$ | 113 | 1 | 0 | 0 | 0 |  |
| October--.--- | 118 | 106 | 56 | 50 | 11 | 2 | 9 |  |  | 1,788 | 1,768 | 41 | 41 | 75 | 5 | 0 | 3 | 0 | 3 |
| November.-. | 127 | 125 | 89 101 | 36 20 | ${ }_{21}^{16}$ | 0 | 16 |  |  | 788 |  | 2 | 2 | 4 | 69 | 0 | 11 | 0 0 | 11 |
| December....- | 127 | 121 | 101 | 20 | 21 | 3 | 18 |  | 63 | 999 1.959 | -995 | 44 | 29 | $\begin{array}{r}360 \\ \hline 2051\end{array}$ | 0 | ${ }^{0}$ | 1 | 0 |  |
| Monthly av...- $1935$ | 127 | 119 | 74 | 46 | 9 | 4 | 5 | 765 | 185 | 1,356 | 1,343 | 16 | 14 | 2,051 | 15 | 32 | 3 | 0 | 3 |
| January-....- | 117 | 111 | 98 | 13 | 13 | 6 | 7 |  |  | 121 | 115 | 41 | 41 | 24 | 0 | 0 | 3 | 0 | 3 |
| February...- | ${ }_{93}^{104}$ | 98 | 86 | $\stackrel{13}{8}$ | 12 | 12 | 0 | $\cdots$ |  | 99 | -9989 | 10 | 10 | 806 | 1 | 8 | 1 | 0 | 1 |
| April. | 85 | 79 | 76 | 3 | 11 | 6 | 5 |  |  | 1334 | 143 | 41 | 41 | 600 | 2 | 55 | 10 | 0 | 10 |
| May-........- | 70 | 64 | 63 | 1 | 17 | 14 | 3 |  |  | 1,031 | 401 | 9 | 9 | 2 | 2 | 0 | 1 | 0 | 1 |
| June.........- | 45 | 39 | 36 | 3 | 27 | 27 | 0 | 01 | 54 | -66 | 66 | 12 | 12 | 5,151 | 3 | 0 | 1 | 1 | 0 |
| July.......... | 45 | 38 | 30 | 8 | 6 | 6 | 0 |  |  | 40 | 38 | 13 | 13 | 500 | 5 | 0 | 0 | 0 |  |
| August | 40 <br> 38 | ${ }_{34}^{34}$ | 28 | 8 | 4 | 4 | 0 | -----3i- |  | 17 | 17 | 45 | 45 | 100 | 0 | 0 | 2 | 0 | $\underset{4}{2}$ |
| September...- | 38 37 | 36 <br> 34 | 24 <br> 24 | 12 | 3 <br> 2 | 2 0 | 1 | 51 | 50 | 29 1,281 | - ${ }^{27}$ | 0 0 | 0 | 110 | 7 | 0 2 | 4 | 0 | 4 |
| November... | 37 | 34 | 23 | 11 | 1 | 1 | 0 |  |  | 1, 755 | 1,754 | 0 | 0 | 25 | 0 | 0 | 4 | 0 | 4 |
| December.... | 26 | 24 | 23 | 1 | 11 | 1 | 10 |  |  | 1, 912 | 1, 012 | 0 | 0 | 10,030 | 2 | 0 | 2 | 0 |  |
| Monthly av... | 61 | 57 | 49 | 8 | 10 | 8 | $s$ | 158 | 740 | 602 | 497 | 17 | 17 | 1, 558 | 7 | 6 | 3 | - | 3 |

For footnotes see p. 184.

## TRANSPORTATION EQUIPMENT-INDUSTRIAL ELECTRIC TRUCKS AND TRAGTORS AND SHIPBUILDING



For footnotes, see p. 184.

## CANADIAN STATISTICS

| Year and Montr | PHYSICAL VOLUME OF BUSINESS : |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Combined index | Industrial production |  |  |  |  |  | Distribution |  |  |  |  | Agricultural marketings |  |  |
|  |  | Total | Con-struction | Electric power | Manu-facturing | Forestry | Mining | Total | Car loadings | ExDorts ume) | Imports (vol- ume) | Trade em-ploy- ment | Total | Grain | Livestock |
|  | Monthly averace 1926=100 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1919 monthly av. | 71.3 | 65.5 | 56.2 |  | 71.0 | 59.5 | 55.8 | 87.2 | 83.4 | 77.8 | 71.9 | 101.6 | 48.1 | 38.0 | 93.3 |
| 1920 monthly av. | 75.0 | 69.9 | 75.2 | ------- | 70.7 | 67.9 | 68.0 | 89.2 | 86.8 | 65.9 | 86.9 | 102.0 | 52.8 | 47.9 | 73.4 |
| 1921 monthly av.... | 66.5 | 60.4 | 70.0 |  | 60.1 | 46.5 | 57.6 | 83.5 | 76.8 | 59.2 | 74.4 | 928 | 65.2 | 63.9 | 70.9 |
| 1922 montbly av.. | 79.1 | 76.9 | 92.4 |  | 75.4 | 73.4 | 69.4 | 85.0 | 80.9 | 69.9 | 79.1 | 90.8 | 82.8 | 83.0 | 80.9 |
| 1923 monthly av.... | 85.5 | 83.8 | 85.0 |  | 86.2 | 86.8 | 76.8 | 89.9 | 87.4 | 80.5 | 92.4 | 92.1 | 91.4 | 927 | 85.3 |
| 1924 monthly av.... | 84.6 | 82.4 | 79.6 | 67.4 | 84.7 | 82.5 | 78.9 | 90.7 | 89.7 | 83.9 | 89.7 | 92.6 | 102.5 | 104.2 | 95. 1 |
| 1925 monthly av.... | 90.9 | 89.7 | 82.6 | 81.9 | 92.5 | 90.9 | 86.3 | 93.9 | 93.7 | 96.7 | 88.0 | 95.1 | 97.2 | 96.9 | 101.1 |
| 1926 monthly av.... | 100.0 | 100.0 | 100.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | ${ }^{2} 99.2$ | 100.0 | 100.0 | 100.0 |
| 1927 monthly av.... | 106. 1 | 105.6 | 118.6 | 117.8 | 100.8 | 101.2 | 109.5 | 107.4 | 107.5 | 99.8 | 112.3 | 107.4 | 103.6 | 105.4 | 95.4 |
| 1928 monthly ar.... | 117.3 | 117.8 | 133.8 | 131.9 | 113.0 | 104.0 | 116.3 | 116.2 | 113.3 | 110.9 | 128.0 | 116.1 | 146.7 | 159.0 | 91.6 |
| 1929 monthly av.... | 125.6 | 127.4 | 164.1 | 146. 0 | 117.7 | 112.7 | 123.4 | 120.5 | 109.0 | 101.2 | 137.6 | 126.2 | 101.2 | 104. 1 | 87.9 |
| 1930 montbly av..... | 109.5 | 108.0 | 129.7 | 148.0 | 98.0 | 100.9 | 116.3 | 114.0 | 96.8 | 83.5 | 116.7 | 127.7 | 103.0 | 108.0 | 72.6 |
| 1931 monthly av.... | 93.6 | 90.4 | 91.2 | 135.7 | 84.6 | 81.6 | 100.5 | 102.3 | 79.9 | 67.7 | 87.0 | 123.6 | 99.0 | 102.9 | 81.5 |
| 1932 83 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January... | 83.8 | 80.0 | 92.7 | 134.6 | 71.6 | 77.9 | 99.0 | 94.3 | 69.1 | 63.6 | 67.4 | 119.1 | 56.4 | 52.1 | 75.4 |
| February | 86.4 | 81.3 | 85.2 | 137.3 | 74.2 | 78.1 | 104.2 | 96.9 | 75.8 | 63.9 | 70.7 | 119.5 | 77.4 | 75.1 | 87.7 |
| March. | 81.8 | 76.9 | 63.5 | 135. 1 | 76.6 | 74.4 | 89.9 | 95.4 | 73.0 | 53.5 | 81.5 | 117.5 | 103.5 | 105. 9 | 92.6 |
| April. | 76.3 | 68.2 | 27.9 | 135.3 | 66.5 | 74.1 | 105.0 | 95.0 | 77.2 | 61.9 | 61. 6 | 117.3 | 102.3 | 105.7 | 87.2 |
| May | 79.9 | 74.6 | 31.8 | 126.7 | 77.4 | 71.4 | 94.4 | 94.5 93.7 | 71.2 70.3 | 59.1 | 72.9 | 117.8 117 | 84.4 221.4 | 82.8 2508 | 91.5 |
| June. | 81.4 | 76.9 | 28.1 | 125.9 | 82.1 | 74.5 | 92.3 | 93.7 | 70.3 | 59.3 | 69.7 | 117.4 | 221.4 | 250.8 | 89.4 |
| July. | 78.3 | 74.2 | 39.4 | 121.9 | 76.9 | 55.9 | 83.4 | 89.6 | 60.5 | 62.9 | 63.2 | 115.9 | 135.9 | 147.9 | 82.1 |
| August. | 78.1 | 73.6 | 37.1 | 127.8 | 75.5 | 59.6 | 84.8 | 90.4 | 64.3 | 63.0 | 63.8 | 115.3 | 196.6 | 222.6 | 79.8 |
| September | 77.1 | 71.9 | 31.5 | 130.6 | 74.3 | 60.5 | 89.5 | 91.3 | 68.1 | 64.6 | 64.7 | 114.3 | 189.0 | 213.9 | 77.1 |
| October- | 75.3 | 70.4 | 30.7 | 130.2 | 70.6 | 64.7 | 99.3 | 88.8 | 59.8 | 66.4 | 67. 5 | 113.7 | 83.8 | 87.4 | 67.4 |
| November. | 75.8 | 71.8 | 39.4 | 136.4 | 72.3 | 65.8 | 86.4 | 88.9 | ${ }^{60.1}$ | 47.3 | 70.6 | 111.6 | ${ }_{6}^{62.3}$ | ${ }_{59}^{59.5}$ | 74.6 |
| December. | 72.6 | 67.7 | 19.5 | 133.5 | 70.2 | 60.0 | 90.5 | 86.1 | 68.4 | 47.5 | 59.8 | 113.4 | 59.1 | 56.6 | 70.3 |
| Monthly av rage....- | 78.7 | 74.0 | 49.1 | 131.3 | 74.0 | 68.1 | 99.8 | 91.8 | 67.3 | 69.4 | 87.8 | 116.1 | 114.3 | 121.7 | 81.3 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January.- | ${ }_{67} 68$ | ${ }_{60}{ }^{2}$ | 21.6 | 132.9 | 52.2 | 69.4 | 103.8 | 83.8 | 57.1 | ${ }_{49} 8.6$ | 52.4 | 111.5 | 76.5 | 82.5 | 71.9 |
| March | 68.4 | 62.5 | 17.2 | 133.4 | 62.7 | 60.7 | 106.5 | 84.8 | 61.8 | 51.1 | 50.0 | 110.5 | 129.0 | 140.2 | 79.4 77.8 |
| April. | 69.8 | 65.1 | 22.0 | 132.0 | 67.0 | 63.7 | 102.8 | 82.9 | 69.4 | 56.0 | 44.2 | 110.1 | 104.1 | 109.7 | 79.2 |
| May | 76.4 | 72.7 | 15.1 | 134.6 | 77.4 | 75.7 | 110.8 | 86.7 | 62.9 | 84.0 | 54.8 | 110.3 | 95.4 | 98.3 | 82.5 |
| June. | 82.2 | 79.8 | 21.1 | 144.0 | 85.7 | 79.2 | 115.1 | 88.9 | 66.8 | 73.2 | 56.7 | 1122 | 221.9 | 252.5 | 84.8 |
| July- | 84.1 | 82.6 | 36.2 | 152.2 | 88.2 | 87.0 | 98.2 | 88.4 | 62.6 | 81.2 | 59.7 | 111.9 | 136.3 | 148.5 | 81.2 |
| August | 89.8 | 89.5 | 27.2 | 156.7 | 96.9 | 94.0 | 110.7 | 90.5 | 67.9 | 74.3 | 65.0 | 112.7 | 197.2 | 224.6 | 74.5 |
| September | 90.8 | 90.2 | 28.6 | 152.0 | 97.0 | 88.0 | 123.7 | 92.6 | 63.9 | 98.9 | 70.5 | 114.8 | 101.1 | 100.2 | 78.0 |
| October---- | 88.2 85.5 | 87.4 83.9 | 45.7 38 | 151.5 160.3 | 87.9 86.2 | 86.2 87.2 | 130.9 114.4 | 90.5 89.9 | 62.6 62.9 | 76.2 67.2 | 71.6 77.4 | 113.9 112.8 | 70.5 41.8 | 70.0 36.7 | 65. 2 |
| December........ | 86.2 | 85.1 | 36.4 | 159.1 | 88.6 | 88.4 | 118.2 | 89.3 | 60.4 | 56.8 | 67.8 | 115.9 | 30.7 | 24.7 | 57.5 |
| Monthly average....- | 79.7 | 76.8 | 28.4 | 145.3 | 79.9 | 77.8 | 110.5 | 87.7 | 62.1 | ${ }^{7} 74.2$ | 60.1 | 112.3 | 105.1 | 111.7 | 75. 4 |
| $\begin{array}{r} 1934 \\ \text { January } \end{array}$ | 86.8 |  | 46.8 |  | 80.7 | 96.4 | 120.6 | 93.2 | 73.6 | 89.8 | 62.8 | 113.8 | 48.2 | 41.6 |  |
| February. | 86.4 | 84.0 | 33.7 | 167.3 | 83.2 | 96.7 | 117.0 | 93.1 | 71.4 | 87.8 | 64.0 | 116.8 | 67.1 | 61.1 | 94.0 |
| March | 93.1 | 92.0 | 35.7 | 174.9 | 88.8 | 100.3 | 149.0 | 96.3 | 74.3 | 87.8 | 64.7 | 119.2 | 63.8 | 58.7 | 86.4 |
| April | 92.6 | 91.4 | 28.3 | 172.8 | 87.7 | 94.2 | 160.2 | 96.0 | 76.0 | 83.9 | 69.3 | 117.2 | 56.9 | 49.3 | 90.6 |
| May | 99.6 | 99.9 | 34.3 | 182.5 | 100.2 | 103.6 | 146.3 | 98.5 | 75. 6 | 91.7 | 82.8 | 117.8 | 130.6 | 140.1 | 87.8 |
| June-- | 95.8 | 95.2 | 25.1 | 179.5 | 98.7 | 100.1 | 127.3 | 97.5 | 73.4 | 86.1 | 73.1 | 119.6 | 97.2 | 99.6 | 86.7 |
| July | 95.7 | 95.6 | 34.8 | 171.0 | 99.0 | 96.7 | 117.2 | 96.2 | 72.3 | 87.9 | 72.2 | 118.0 | 148.8 | 164.0 | 80.5 |
| August.- | 99.0 | 99.8 | 39.9 | 174.2 | 100.7 | 98.4 | 135.7 | 96.7 | 74.9 | 91.4 | 70.0 | 118.0 | 172. 8 | 195.8 | 70.0 |
| September. | 97.1 | 97.5 | 40.4 | 167.1 | 99.5 | 93.8 | 132.9 | ${ }^{98.2} 2$ | 67.0 | ${ }^{90.6}$ | 73.5 | 119.8 | 127.7 | 139.0 57.9 | 76.7 75.7 |
| October-............- | 95.9 | 95.5 | 37.2 | 173.6 | 94.8 | 100.3 | 143.5 |  |  | 82.4 67.6 |  | 119.5 | 61.2 51.2 | 57.9 46.3 | 75.7 |
| November...-......-- | 96.5 92.4 | 97.0 91.0 | 42.2 30.6 | 184.0 191.3 | 96.0 91.8 | 104.1 110.3 | 137.5 121.8 | ${ }_{96.2}^{95.2}$ | 65.9 65.7 | 67.6 65.7 | 86.3 72.6 | 119.3 123.8 | 51.2 36.0 | 46.3 29.0 | 72.8 67.3 |
| Monthly average....- | 94.8 | 98. 6 | 85.8 | 175.1 | 93.4 | 89.6 | 134.1 | 98.0 | 71.6 | 84.4 | 72.4 | 118.5 | 88.6 | 90.2 | 80.6 |
| 1935 | 97, 5 | 97.8 | 69.7 |  |  | 95.7 | 140.4 | 97.1 | 75.8 | 87.4 | 71.3 | 118.9 | 30.6 | 19.3 | 81.5 |
| February-............. | 100. 8 | 101.1 | 72.0 | 186.9 | 92.5 | 95. 2 | 143.5 | 99.4 | 78.3 | 90.6 | 70.7 | 120.7 | 62.2 | 55. 2 | 93.4 |
| March..............- | 94.2 | 93.3 | 48.0 | 189.1 | 86.8 | 93.1 | 143.4 | 96.8 | 73.3 | 85.6 | 65.6 | 120.5 | 65.4 | 57.7 | 100.0 |
| April. | 98.7 | 97.7 | 35. 6 | 191.4 | 94.0 | 99.0 | 156.4 | 100. 0 | 79.1 | 102.2 | 71.5 | 121.0 | 91.8 | 91.7 | 92.0 |
| May. | 103.3 | 104.4 | 35.8 | 191.7 | 105.1 | 108.7 | 147.6 | 101.5 | 73.4 | 88.7 | 84.0 | 121.2 | 86.3 | 85.4 | 90.6 |
| June-- | 99.2 | 99.7 | 41.3 | 190.8 | 98.4 | 105.7 | 138.4 | 97.8 | 70.6 | 78.7 | 74.6 | 122.6 | 106.1 | 112.3 | 78.2 |
| July .-............... | 103.0 | 104.0 | 55.4 | 189.0 | 101.7 | 100.7 | 135.3 | 100. 2 | 75.0 | 88.2 | 79, 8 | 122.3 | 184.7 | 183.4 | 80.4 |
| August | 107.9 | 110.3 | 66.5 | 192.3 | 102.7 | 111.8 | 165.8 <br> 144 | 101.3 | 72.1 89.6 | 107.2 110.5 | 80.5 77.6 | 122.8 | 163.9 | 181.2 119.5 | 86.6 90.2 |
| September | 101.9 107.2 | 102.5 109.5 | 49.3 50.7 | 195.9 202.6 | 100.0 105.4 | 103.7 114.5 | 144.7 169.6 | 100. 10 | 69.6 71.0 | 110.5 94.3 | 77.6 85.4 | 122.6 122.8 | $\begin{array}{r}114.2 \\ 88.6 \\ \\ \hline\end{array}$ | ${ }^{119.5}$ | 88.7 |
| November.............- | 110.0 | 113.5 | 37.0 | 201.8 | 118.5 | 114.8 | 146.3 | 100. 2 | 66.8 | 86.5 | 93.7 | 124.1 | 43.3 | 36.4 | 74.3 |
| December.............. | 106.2 | 108.8 | 23.6 | 200.9 | 1125 | 118.9 | 160.8 | 99.3 | 86.5 | 78.0 | 70.2 | 128.8 | 34.0 | 27.4 | 63.5 |
| Monthly average..... | 102.6 | 103.6 | 48.7 | 193.7 | 100.6 | 105.2 | 149.4 | 99.6 | 72.6 | 91.5 | 77.1 | 122.4 | 87.4 | 88.0 | 85.0 |

For footnotes see p. 184.

[^3]
## CANADIAN STATISTIGS-Continued



For footnotes see p. 184.

## CANADIAN STATISTICS-Continued

| Year and Month | FOREIGN TRADE 1 |  |  |  | HALLWAYS ${ }^{\text {2 }}$ |  |  |  |  |  | PRODUCTION ${ }^{\text {a }}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Exports | $\xrightarrow[\text { ports }]{\text { Im- }}$ | Exports |  | Car loadings | Financial results |  |  | Operating results |  | Efectrical energy, central tions | Pig iron | Steel ingots and castings | Wheat flour |
|  |  |  | Wheat | Wheat flour |  | Operating reve- nues <br> nue | Operating penses | Operating income | Freight carried 1 mile | $\xrightarrow[\text { Pas- }]{ }$ carried 1 mile |  |  |  |  |
|  | Thousands ofdollars |  | Thous. of bu. | Thous. of bbls. | Thous. of cars | Thousands of dollars |  |  | Mills. of tons | Mills. of passengers | Mills. <br> kw.-hr. | Thousands of long tons |  | Thous. of bbls. |
| 1913 monthly average. | 38, 377 | 54,922 | 8,378 | 408 |  |  |  |  | 1,919 |  |  |  |  |  |
| 1914 monthly average. | 35,693 | 40, 110 | 10,540 | 389 |  |  |  |  | 1,839 |  |  |  |  |  |
| 1915 montbly average. | 54, 457 | 37, 568 | 5,993 | 464 |  |  |  |  | 1,472 |  |  |  |  |  |
| 1916 monthly average... | 92,704 129 | ${ }_{63,951}$ | 13, 145 | 660 731 |  |  |  |  | 2,350 |  |  | 87 | 106 |  |
| 1917 monthly average.. | 132,791 | 83,838 $\mathbf{7 5 , 8 4 8}$ | 15,804 12,533 | 731 839 |  |  |  |  | 2,599 |  |  | 87 89 | 130 140 |  |
| 1919 monthly average. | 107, 903 | 78,418 | 3,484 | 839 | 229 |  |  |  | 2,246 |  |  |  | 77 |  |
| 1920 monthly average. | 108, 567 | 111, 410 | 6,498 | 394 | 236 | 39,230 | --.... |  | 2, 605 |  | ...... | 81 | 92 |  |
| 1921 monthly average. | 68, 058 | 66, 623 | 10.776 | 607 | 210 | 38, 048 |  |  | 2,199 |  |  | 50 | 56 |  |
| 1922 monthly average. | 74, 848 | 63, 534 | 11,374 | 790 | 233 | 36,788 | 32,795 | 3,700 | 2, 202 | 233 |  | 32 | 41 | 1,421 |
| 1923 monthly average | 88,711 89,218 | 75, 253 67,350 | 20,235 17,886 | 933 956 | 238 | 38,269 36,744 | - $\begin{aligned} & 33,825 \\ & 31,466\end{aligned}$ | 5, 222 4,704 | 2,828 2,534 | 254 238 |  | 73 49 | 74 <br> 54 | 1,559 1,661 |
| 1924 monthly average. | 89, 218 | 67,350 | 17,886 | 956 | 242 | 36,744 | 31,166 | 4,704 | 2, 534 | 238 |  | 49 | 54 | 1,661 |
| 1925 monthly average. | 106, 925 | 74, 178 | 18, 529 | 860 | 256 | 37, 536 | 30, 598 | 6,424 | 2,657 | 241 | 821 | 48 | 63 | 1,547 |
| 1926 monthly average. | 106, 995 | 84, 022 | 20, 843 | 871 | 272 | 40,680 | 32,051 | 7,765 | 2,838 | 247 | 032 | 63 | 65 | 1,680 |
| 1927 monthly averago. | 103, 232 | 90, 655 | 21,255 | 772 | 283 | 41, 668 | 33, 908 | 6,791 8797 | 2,900 | 251 | 1, 182 | 59 | 76 | 1,475 |
| 1928 monthly average. | 114, 521 | 101, 860 | 30,452 | 895 798 | 308 | -46, 502 | 36,498 | 8,797 | 3,459 | 259 | 1,328 | 86 | 115 | 1,649 |
| 1929 monthly average. 1930 monthly average. | 100,695 75,455 | 108,245 84,040 | 17,579 17,313 | 798 626 | 262 | 44,087 37 | 35,766 31,408 | 7,136 5,051 | 2,905 2,463 | 239 200 | 1,469 1,489 | 90 62 | $\begin{array}{r}115 \\ 84 \\ \hline\end{array}$ | 1,546 1,383 |
| 1931 monthly average. | 51, 437 | 52,342 | 16, 244 | 475 | 215 | 29,580 | 26, 539 | 2,191 | 2, 140 | 144 | 1,365 | 35 | 56 | 1,291 |
| 1932 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January... | 39,063 | 34, 115 | 9,472 9,898 | 332 <br> 338 | 166 | 22, 120 | 21,781 | d 486 d 821 d | 1,605 | 113 | ${ }_{1}^{1,414}$ | 10 | 25 | 851 |
| March.. | 41, 019 | 57,448 | $\stackrel{9}{9} 921$ | 415 | 186 | 25, ${ }^{22}$, 204 | 22, 561 | 1,608 | 1, 118 | 125 | 1,389 | 18 | 44 | 1,054 |
| April. | 27, 407 | 29,794 | 7,513 | 255 | 180 | 23, 851 | 21, 052 | 1,932 | 1,653 | 113 | 1,329 | 17 | 36 | 993 |
| May | 41, 284 | 44,361 | 15,543 | 462 | 183 | 23, 400 | 21, 245 | 1, 191 | 1,632 | 110 | 1,271 | 13 | 29 | 1,041 |
| June. | 41,608 | 40,743 | 15,857 | 571 | 185 | 24,813 | 21, 654 | 2,328 | 2,023 | 129 | 1, 198 | 8 | 18 | 1,151 |
| July-. | 43,028 | 35,711 | 19,620 | 446 | 157 | 22,970 | 21, 053 | 1,027 | 1,569 | 147 | 1,150 | 7 | 28 | 1,202 |
| August | 41,855 | 36, 527 | 18, 290 | 330 | 176 | 23, 100 | 21, 922 | 268 | 1,572 | 138 | 1,230 | 6 | 27 | 1,272 |
| September | 42,665 | 34,504 | 26,874 | 385 | 216 | 28,988 | 22, 254 | 5,949 | 3, 043 | 122 | 1,279 | ${ }^{6}$ | 23 | 1,385 |
| October | -46, 621 | 37,096 37 | - 27,192 | 577 | 193 | 28, 28.190 | 20,839 18,308 | 6, 385 <br> 4,056 | 2,607 2,181 | ${ }_{90}^{96}$ | 1,390 | 14 | 17 37 | 1, 1743 |
| December | 43, 109 | 28, 961 | 27, 736 | 492 | 153 | 21,902 | 19,434 | 1,904 | 1,740 | 130 | 1,433 | 27 | 27 | 1,010 |
| Monthly average. | 41,882 | 37,718 | 19,018 | 428 | 181 | 24, 244 | 21, 274 | 2,112 | 1,825 | 118 | 1,322 | 18 | 28 | 1; 200 |
| 1933 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 32,000 | 24,441 | 14,707 | 397 | 134 | 17,643 | 18,628 | d 1,813 | 1,388 | 95 | 1,397 | 20 | 41 | 859 |
| February | 26,814 | 23, 514 | 10,922 | 333 | 133 | 10,788 | 17,882 | d 2, 073 | 1,302 | 88 | 1, 300 | 6 | 12 | 845 |
| March. | 37, 161 | 32, 963 | 14,816 | 490 | 157 | 20,612 | 18, 161 | 520 | 1,712 | 97 | 1,371 | 0 | 11 | 1,005 |
| April. | $\begin{array}{r}\text { 23, } \\ \text { 57, } \\ \hline\end{array}$ | - 32,427 | r $\begin{array}{r}4,460 \\ 21,465\end{array}$ | 234 <br> 565 | 138 161 | 19, 21.44 | 18, 1988 | 1, $\begin{array}{r}351 \\ \hline\end{array}$ | 1, 1,513 | 100 | 1,297 1,350 | 0 | ${ }_{23}^{11}$ | 1, 334 |
| June- | 52, 105 | 33,619 | 16,999 | 545 | 176 | 24, 310 | 20,344 | 3,071 | 2,133 | 141 | 1,371 | 1 | 32 | 1,186 |
| July. | 58, 848 | 35,698 | 16, 374 | 493 | 163 | 23,713 | 20,709 | 2, 103 | 1,735 | 145 | 1,443 | 32 | 49 | 1,323 |
| August | 51, 559 | 38,747 | 8, 653 | 480 | 186 | 23,730 | 21, 144 | 1, 679 | 1,752 | 145 | 1,508 | 35 | 49 | 1,444 |
| Septembe | 67, 259 | 38,698 | 19,666 | 553 | 202 | 25,872 | 19, 829 | 8, 111 | 2, 103 | 136 | 1,489 | 31 | 39 | 1,393 |
| October. | 68, 579 | 41, 070 | 23, 612 | 514 | 222 | 27, 239 | 19,683 | 6,654 | 2, 442 | 98 | 1,618 | 27 | 48 | 1,651 |
| November | 70,451 54,841 | 43, 712 $\mathbf{3 5 , 3 6 8}$ | 23,144 17,458 | 548 418 | 158 | 24,176 22,749 | 18,241 18,350 | 5,040 2,907 | 2,011 1,537 | $\begin{array}{r}91 \\ 138 \\ \hline 18\end{array}$ | 1,702 1,708 | 30 37 | 43 52 | 1,827 |
| December. | 54,841 | 35.368 | 17,458 | 418 | 158 | 22,749 | 18,350 | 2,907 | 1,537 | 138 | 1,708 | 37 | 52 |  |
| Monthly a verage | * 42, 108 | 33,435 | 18,023 | 464 | 169 | 22, 317 | 19, 270 | 2,057 | 1,755 | 115 | 1,463 | 19 | 34 | 1,237 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January......... | 56, 116 | 32,391 33,592 | 7,088 6,513 | 448 328 | 176 | 21, 011 | 19,945 19,601 | 216 $d 60$ | ${ }_{1}^{1,682}$ | 109 98 | 1,725 1,614 | 31 12 | 61 58 | 1,043 |
| March. | 70, 337 | 47,519 | 10, 103 | 493 | 189 | 24, 657 | 20,630 | 2,976 | 1,979 | 127 | 1, 797 | 12 | 73 | 1, 064 |
| April | 38,747 | 34,814 | 3,568 | 341 | 177 | 23, 395 | 19,488 | 2,839 | 1,869 | 103 | 1,698 | 27 | 70 | 1,089 |
| May | 67,445 | 52,887 $\mathbf{4 6 , 1 8 6}$ | 19,024 18,426 | 484 | 194 | 28, 069 | 21,240 <br> 20 <br> 163 | 3,814 2,636 | 1,873 1,721 | 103 183 | 1,831 1,709 | 38 37 | 71 64 | 1,175 1,127 |
| July. | 65, 064 | 44, 145 | 12,979 | 408 | 188 | 25, 206 | 22,066 | 2, 114 | 1,879 | 150 | 1,621 | 37 | 67 | 1,073 |
| August | 65,917 | 43,507 | 14,710 | 412 | 205 | 25, 201 | 22,917 | 1,180 | 1,751 | 169 | 1,677 | 42 | 64 | 1,282 |
| Septembe | 64, 246 | 42, 208 | 17,588 | 369 | 212 | 27,605 | 21, 688 | 4,998 | 2,306 | 134 | 1,627 | 43 | 57 | 1,383 |
| October. | 77, 824 | 47, 229 | ${ }^{21,808}$ | ${ }^{486}$ | 243 | 29, 151 | 21, 453 | 6, 746 | 2,561 | 106 | 1,853 | 47 | 58 | 1,654 |
| November. | ${ }_{68}^{73,131}$ | 49,884 | 18,770 | 504 | 211 | -25,702 | 19,916 | 4,797 3 | 2,228 1,739 | -94 | 1,954 | 39 | 57 <br> 59 | 1,704 |
| December.. | 68, 493 | 39, 107 | 17,336 | 341 | 172 | 24,778 | 19,902 | 3,629 | 1,739 | 136 | 2, 053 | 42 | 59 | 969 |
| Monthly average. | 69, 805 | 42,789 | 19,999 | 421 | 193 | 24, 820 | 20,809 | 2,990 | 1,938 | 128 | 1,768 | 94 | 69 | 1,228 |
| 1935 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| January. | 55, 209 | 37, 229 | 5,380 | 346 | 182 | 20,970 | 20, 507 | ${ }^{\text {d } 441}$ | 1,580 | 116 | 2,013 | 44 | 60 | 1,025 |
| February | 54, 438 | 37, 044 | 7,207 | 310 | 180 | 21, 603 | 19,706 | 924 | 1,686 | 105 | 1,803 | 37 | 56 | -1041 |
| March. | 68,348 | 48, 191 | 8,906 | $\stackrel{497}{277}$ | 187 | 23, 868 | 20, 896 | 2,033 | 1,858 | 133 | 1,944 | 45 | 58 | 1,046 |
| April.. | 48, 6845 | 36,637 $\mathbf{5 4 , 5 4 0}$ | - 5,027 | 277 383 | 185 | 24,492 24,537 | 20,591 21 | 2,905 1,687 | 1,797 1,720 | 124 | 1,823 | 45 | ${ }_{73}$ | 1, 164 |
| June.- | 59,399 | 46,732 | 6, 495 | 430 | 186 | 24, 063 | 21, 496 | ${ }^{1} 892$ | 1,861 | 134 | 1,816 | 45 | 73 | 992 |
| July. | 64,833 | 48,414 | 9, 158 | 395 | 195 | 26, 186 | 22,798 | 2,331 | 2, 041 | 158 | 1,792 | 51 | 86 | 992 |
| August. | 76,638 | 49,560 | 21,698 | 377 | 197 | 25, 552 | 23, 485 | 1,138 | 1,786 | 185 | 1,851 | 54 | 82 | 1,161 |
| September | 78, 846 | 44,688 | 17, 273 | 396 | 221 | 29,585 | 23, 336 | 5,380 | 2,712 | 137 | 1,919 | 54 | 91 | 1,535 |
| October. | 91,323 | 52,751 | 28, 919 | 501 | 221 | 32. 279 | 23, 698 | 7,730 | 2,937 | 108 | 2, 163 | 48 | 95 | 1,825 |
| November | 95, 885 | 55, 958 | 26,575 | 525 | 214 | 27, 154 | 20,854 | 5, 290 | 2,240 | 101 | 2,143 | 65 | 94 | 1,604 |
| December | 79,245 | 38,569 | 17,044 | 444 | 174 | 26,656 | 21,333 | 4,289 | 1,934 | 140 | 2,157 | 71 | 89 | 957 |
| Monthly average_- | 69,882 | 45,860 | 13,806 | 407 | 197 | 25,579 | 21,798 | 2,822 | 2,013 | 131 | 1,950 | 60 | 78 | 1,184 |

[^4]
## FOOTNOTES ON TIME SERIES

## Page 6

${ }^{1}$ Compiled by the Annaist (published by the New York Times Co.), and consists of a composite average of representative items selected to represent the trend of general business activity. It will be noted, however, that all series but 2 represent
industrial output; the exceptions are the 2 series on freight-car loadings, shown bere industrial output; the exceptions are the 2 series on freight-car loadings, shown bere in combination only. The last general revision was made in June 1936. At that time, trend lines were recomputed, weights were altered, and seversl new series
added. The now series added are lead production and rayon deliveries. For freightadded. The new series added are lead production and rayon deliveries. For freightcar loadings, 2 series are used instead of one as previously; these are "miscellangous loadings" and "all other", the former being given twice the weight of the latter. The series on lumber production since the midale of 1933 represents the monthly average of the New York Times weekly lumber production index, while in earlier months, are used. Wool consumption is for apparel class wool only, as compiled by the New York Wool Top Exrchange Service.
The indexes are arithmetic averages of weighted relatives adjusted for both secular trond and seasonal variation. The seasonal adjustment factors were computed by the link relative method. In computing the secular trends for the various items, orthodox methods are used for all series except electric power production, pig iron orthodox methods are used for all series except electric power production, pig inon trends. fitted to data for back years, are used for production of steel ingots, silk consumption (through 1930), rayon consumption, sutomobile production, portland cement production, and zinc production, while for wool consumption, silk consumption (subsequent to 1930), and production of boots and shoes, lumber and lead, horizontal trends are assumed.
For the 5 remaining series, ootton consumption, production of electric power and pig iron, and the 2 series on freight-car loadings, special treatment was accorded, and it is best to review the methods and reasoning advanced in the June 26, 1936, issue of the Annalist.
Arbitrary weights, based on data from the Census of Manufactures and other sources, and adjusted on the basis of the amplitude of the swings of the individual series, are as follows (the effective weights are given in parenthesis); automobile production, 3 (8); boot and shoe production, 3 (4); freight-car loadings, 24 (18); miscellaneous, 16 (12) and all other, 8 (6); cement production, 1 (2); cotton consumption, 6 (10); electric power production, 37 (12); lead production, 2 (3); lumber production, 2 (3); pig iron production, 5 (10); rayon consumption, 1 (2); silk consumptio
steel ingot production, $10(20)$; wool consumption, 1 (3); and zinc production, 4 .
The monthly dgures back to the beginning of 1923 appeared in the Annalist for June 26, 1936

## Pages 7, 8

${ }^{1}$ Compiled by the Board of Governors of the Federal Reserve System, Division of Research and Statistics, and serves as a measure of changes in the volume of the and minerals, covering industries which, according to the 1923 Biennial Census of Manufactures, represented directly and indirectly about 80 percent of total industrial production. Formerly, it was derived from 60 individual series measuring producion in 35 industries; as of December 1935, 54 series were included.
In constructing the index the monthly physical volume figures are reduced to daily averages, adjusted for seasonal variation where necessary, using adjustment factors derived by the "ratio to moving average" method, and weighted according to value added by manufacture in 1923 for the index of manufactures, and by average value of product in 1923, 1924, and 1925 for the minerals index. The aggregate of the weigbted, seasonally adjusted daily averages for a given month is related to the identical aggregate for the base years 1923-25.
In order to give representation to manufacturing industries for which no monthly data are available, each series used is weighted net only according to its own relative importance, but also to some extent tor that of the group of industries which it represents in the index. In other words, each weight used is a combination of two factors, the ursi representing the value added by manufacture, and the second being a mulPovised indexes of 1982 appeared in the January 1934 issue of the SURVEy, p. 19. A more complete description of the index is presented in the
tins for February 1927 and March 1927. Subsequent revisions are described in the Federal Reserve Bulletins for February 1931, September 1931, March 1932, and September 1933.

## Page 9

${ }^{1}$ Compiled by the U.S. Department of Commerce, Bureau of Foreign and Domestic Commerce, and represents a revision of the original indexes of the quantity of agricultural prodacts marketed to correct inequalities in the weights. The present weights have been assigned on the basis of the average annual cash income for the in the construction of the indexes are all taken from the Survey or Current BusiNess with the exception of certain series on vegetables and fruits, which are taken ncluded in the index contribute about 3 of the cash income derived from props and sbout 46 of the cash incone derived from animal products. The wcights assigned to the various groups are as follows: Animal products, 50.5 (dairy products 7.3 ivestock 31.5, poultry and eggs 10.5, wool 1.2); crops, 49.5 (cotton and cottonseer 19.0, fruits 6.6 , grains 17.9 , and vegotables, 6.0 ).

Although thero is a distinct seasonal movement in agrioultural marketings, no adjustmont has been made for this factor. Monthly data for the period $1020-31$, together with the weights for the individual series, and a more detailed description, were published on pp. 18-20 of the March 1933 issue of the SURver.
${ }^{2}$ Computed by the . S. Department of Agriculture, Bureau of Agricultural Economics, for the purpose of measuring the cash income derived by farmers from the sale of farm products. The indexes are based on estimates of monthly cash income from marketings of 37 of the more important agricultural products, which in most years total of the 12 monthly estimates of income for received by farmers. Although the as the annual estimates of cash income from farm production as compiled by the Department of Agriculture, they are not exactly comparable.
Estimates of monthly cash income are derived from estimated monthly marketings of the several farm cornmodities and the farm prices of these commodities. Certain adjustments have been made in the basic marketing data used, and when so adjusted the crops included provide about 88 percent of the total income from crops and the livestock products provide about 98 percent of the total income from these products. The monthly estimates of income derived from the commodities included were raised to cqual the total cash income from crops and livestock by determining for each year from 1924 to 1932 the percentage of the annual cash income which was contributed by
the crops and livestock products included in the monthly indexes. These percentages the crops and livestock products included in the monthly indexes. These percentages
were found to be practically constant for all years and were used as raising factors.

Where necessary, the individual series have been adjusted for sensonal variation. The method employed was to determine the percentage that the average of each month for the 6 years 1924 to 1929 , inclusive, was of the average for the entire 72 months. Seasonal variations in livestock marketings are quite regular, and hence the seasonal lactors tend to eliminate such movemens, for crops the soasonal movoments are more erratic, and in any one year there inay be considerable variation from the avarage in consequence of seasonal conditions.
A more complete description, together with monthly data for the period 1924 to , may be found on pp $16-19$ of the May 1934 issue of the Survey.
the seasonally adjusted indexes by reason of the method of sensonal correction used

## Page 10

1 Compiled by the U.S. Department of Commerce, Bureau of Foreign and Domeslic Commerce from the available series of stocks. The data are for stocks in the hands of producers, or at primary points of concentration and, in general, the original series are carried in the Surver. Since the selection of the series to be included in the index was based on the availability of data, the list of commoditios is not as comprehensive as would be desirable for a complete coverage of the stock situation.
The index is heavily weighted for raw materials and semimanufactures, as would be expected from the data available and the fact that stocks are more commonly held in such form. The weights are based on the relative importanco of the commodities in the base period as determined by production or marketing data. The indexes are not corrected for seasonal variation

It will be noted that several of the group indexes formerly carried are not given in inclusive coverage to be representative of the commony didy not
nolusive coverage to be representative of the commodity group.
A description of the index, as originally computed, was prosented in the August A description of the index, as originally computed, was prasented in the August
1928 issue of the Surver, $p .20$. A number of revisions in the data have been made, owing to the discontinuance of some of the series originally included.
A t present, 35 series of basic stock data are used, of whioh 19 represent raw materials and 16 finished goods. Total weights assigned are 539 , of which 313 were assigned to the raw material group, 220 to finished goods, including certain serios for which estimates are made.
a Compiled by the U. S. Department of Commerce, Bureau of Foreion and Domestic Commerce, to show the comparativo trend of stocks and prices of $\$$ major foodstuffs and raw materials for which comprehensive world stock statistics are available. This index, and the price index also, originally embraced 9 commoditios, but the reporting of copper stocks on a monthly basis was discontinued as of October 1931, and necessitated the elimination of this series for all periods. The price of copper has also been removed from the composite price index shown on p. 115 . The component series are weighted in accordance with the value of stocks on hand in the base perlod 1923-25, calculated on the average stocks for the year, and the avarage prices prevali-
ing. The total weights assigned were 30 , distributed as follows: Coffee, 2; cotton, 9 ; rubber, 3 ; silk, 2 ; sugar, 6 ; tea, 1 ; tin, 1 ; and wheat, 6 .
The stock figures used are as of the end of each month, and sources are: Coffee, p. 99 ; cotton, p. 141; rubber, p. 133; silk, p. 143; tin, p. 124; SURVEY OF CURRENT BUSINess. Sugar-Willatt and Gray, Weekly Statistical Sugar Trade Journal, January 1920-December 1923, 8 countries; U. S. Sugar Association, January 1924-January, 1927, 13 countries; Willettand Gray, Weekly Statistical Sugar Trade Journal, February1927-
April 1928, 13 countries; May 1928-October 1923, 14 countries; Novembor 192;-July 1929, 13 countries; August 1929-May 1931, 14 countrias; June 1931 to date, 15 countries. Tea-1920-1926 bonded warehouse stocks, all United Kingdom, Accounts Relating to the Trade and Navigation of the United Kingdom; 1927 to date, Tea Market Report, Tea Brokers' Association of London, compiled from returns supplied by tea imports into the United Kingdom. Wheat-Broomhalls Corn Trade News (American edition), and represents the visible supply of wheat and flour in second hands; flour converted to terms of wheat and includes stocks in the United States Ganads, United Kingdom, Australia (not available reliably prior to September 1!2i), Argentina, afloat for continent and afloat for orders.
Those series which showed a distinct seasonal variation were adjustod for this factor. The indexes have not been computed prior to 1920 , since the basic data concerning stocks are not available. Data on rubbcr aro availible oniy as far back as December 1923, silk figures back to January 1925 only, and sugar to January 1922. The silk component is based on a new series; a description is given in note 5 for p. 143. from seasonal adiustments ined index and in the rubber and sagar indexes rasmaty shown without allowance for seasonal movements. In addition, the sugar indox was revised to include Javan stocks from March 1927 onward.
The 1932 ANNUAL SOPPLEMENT OF THE SURVEY OF CORRENT BugrnHss, on pp. 20-21 shows "World stocks of foodstuffs and raw materials" for nine commoditics. Revised figures from January 1927 through July 1932 for the combined index of nine commodities and for rubber and sugar, adjusted, ware sliown in the Survey or Urrent Business for September 1932.
An article entitled "World Prices and Controls of Foodstults and Raw Materials", a detailed explanation of the movemonts of these indexes.

## Page 11

${ }^{1}$ Compiled by the National Industrial Confercnce Board to show the trend of living costs of wage-earners' families. The indexes given for 1914, 1915, 1916, and 1917 are as of July of each year; 1918 figures are an average of the 2 months June and November : 1919 of the 3 months March, July, and November; thereafter the annual data are averages of 12 monthly figures. Up to March 1922, the prices used are as of tho 1st
of the month, and subsequently the figures are as of the 15 th of each month. An of the month, and subsequently the figures are as of the 15th of each month. An exception is the index of food prices, which is the index of the U. S. Department of (Labor as of the 15th of the month for the period from 1914 through August 1033 See note 4 in this section.) Since that time the Department of Labor has computed. index index on a biweekiy basis, and for the purposes or the conference Board the two reporting periods are about equidistant from the 15 th , when an average of the two repor
2 is used.
The index is based on a comprehensive list of retail prices and rents. It is an arithmetic average of weighted relatives, using the 1923 average as the base. The Weights are based on post-war household expenditures of wage-earners' families, as
determined from studies made in several different cities, by various agencies extend. ing over the from studies ma
For the five classifications in the index the weights are: Foods, 33; housing, 20 ; clothing, 12 ; fuel and light, 5 ; and sundries, 30 . In the last group, household fur:nishings and reading materials are given the heaviest weights (4.2 percont each).
Church, charity and gifts, and insurance payments are each given 3.6 percent, and
ecreation, 3.3 percent. Other items included in the miscellaneous group are tobacco, organization dues, physicians' fees, carfare. drugs and toilet articles, and candy. are weighted according to consumption, as indicated by the composite results of are weighted according the consumption, as indicated budget studies. For housing, the index is based on the average rents of the family budget stutues For 4 or ousing, the ith bath, unheated (except in a faw instances where heated apartments are the prevailing type) of the kind occupied by wage where hester The basic data are obtaiced from renting agencies on rentals paid, for newly rented properties, and hence the rent index reflects the trend of "market" rents.
Each group index is computed by the "percent change" method, which, in brief, relates the percent change between 2 consecutive months in an identical list of items a detailed description of the 2 months, thus giving the index or the latest month A detailed description of this index is presented in The cost of living in the Board.
${ }^{2}$ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Eco. nomics to indicate the variations in the prices received by farmers for farm products marketed. The data here presented are in accordance with the 1834 revision of the Department. The revision was begun in 1931 to utilize the results of the 1930 Census f Agriculture and additional data provided by the Crop Estimating Service for making the index numbers more representative of the actual changes in the prices of all farm products. It was completed in 1934. The principal changes were (1) the use of mproved price series for dairy products and to bacco, (2) the addition of the prices of 20 products, including a group of truck crops, and (3) shifting the weights from the marketings of the 1918-23 period to those of the 1924-29 period
The revised series of index numbers includes 34 major farm products and 13 commercial truck crops, whereas the previous series included only 27 of the major farm products. in that the index numoss for products, in the the proportion to that groups contribution to total cash farm income. The six specited groups includedin the general seris and a seventh miscenaneous group are combined o form the general series by giving each group a weight in proportion to its contribu formerly the general series was computed from the weighted aggregate value for the 27 commodities used in the series.
The 1934 revision made practically no change in the index numbers for cotton and cottonseed and meat animals, but all the other group indexes and the combined index were affected by the changes in weights and in the number of commodities. The 47 commodities included are grouped as follows: Grains, 6; meat animals, 5; dairy products, 4; chickens and eggs, 2; fruits, 5; truck crops, 13; cotton and cottonseed, 2 ; and miscellaneous, 10.
The prices are those received by farmers at principal markets throughout the country, as collected by the Department. The.indexes are as of the 15 th of each month.
For a complete description of the index numbers as revised in 1934 and for the monthly figures back to 1910, consult Index Numbers of Prices Received by Farmers for Farm Products, 1910 to 1934, a mimeographed report of the U. S. Department of Agriculture (free). Monthly data for the period
p. 20 of the November 1934 issue of the SURVEY.
${ }^{s}$ Compiled by the U.S Department of Labor, Bureau of Labor Slatistics, and represents an unwaighted average of the retail prices as of the 15 th of each month of PonnsylVania anthracite, white ash, chestnut size, delivered to consumers. Price does not include charges for storing the coal in ceilar or bin where an extra handling is necessary. Quotations are supplied by individual firms, average prices for each city being computed. The number of cities from which quotations have been secured increased rom 27 in 1915 to 39 in 1919-20, then decreased to 25 in 1934-35. The 25 cities from which quotations are currently received are as follows: Baltimore, Boston, Bridge-
port, Buffalo, Chicago, Cleveland, Detroit, Fall River, Manchester, N, H., Milport, Buffalo, Chicago, Cleveland, Detroit, Fall River, Manchester, N. H., Mil-
waukee, Minneapolis, Newark, Now Haven, New York, Norfolk, Philadelphia, Pittsburgh, Portland, Me., Providence, Richmond, Rochester, St. Louis, St. Paul, cranton, and Washington, D. C.
For the period 1913-19 yearly. figures are averages of indexes for J anuary 15 and July 15; thereafter monthly indexes were compiled up to August 1935, and quarterly indexes quereafter starting with October 1935. The 1921 average given is for 8 months, with 10 months, with November and December missing; and the 1926 average is for the 10 months, with November and December missing; and the 1926 average is for the for the 9 months shown in the table.
Detailed statistics by cities, together with similar data on stove size, is contained in the Retail Price bulletin of the U. S. Department of Labor, Bureau of Labor Statistics.
${ }^{4}$ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics, and represents a general revision of the retail food indexes formerly compiled on a 1913 base. The shift was made to bring the base period in line with the bases used for a luded was increased from 42 to 84 and the the same time the number ol foods a changed. For the period 1913 to 1920 , the indexes are deriving the weights was foods; from 1921 to 1934 , on 42 foods; and from 1935 forward, on 84 foods. The quota ions upon which the indexes are based are as of the lith of each month up to August 1933 and are reported by retailers in each of the 51 cities covered. Since August 933 the indexes have been reported biweekly and given as for the reporting period nearest the 15 th of the month.
The index is currently computed by applying the percent change of a weighted ist of prices of identical foods, between 2 successive periods, to the index for the earlier of the 2 periods to obtain the current index for each of the 51 cities for which The basic data used
The basic data used in deriving the weights in the new index are the same as those Statistics of the quantities of goods purchased annually by wage earners and lowersalaried workers in the period 1917-19. This study yielded quantity data for food purchases of $8,53 i$ families in 51 cities.
The method used in deriving the weights is, however, different in 2 respects: First, the price of each food is weighted according to the annual purchases of all simiar foods having corresponding price movements instead of just the annual purchases of a particular food; and second, the weights for each city are based on average annual consumption in that particular city. Formerly, each city index was weighted by regional woights-that is, the annual average purchases in a given geographical region containing several cities, each of which might have different consumption habits.
In splicing the new index containing 84 foods to the cld index, an index for Jan. 2, 1935, was computed, using the original 42 foods and the new weights. The percent change between Jan. 2 and Jan. 16, 1935, in the 84 foods weighted with the new weights was then computed and applied to the old index for Jan. 2 . The weights now in use
for the 84 foods may be obtained, on request, from the Bureau of Labor Statistics, $U$. S. Department of Labor.
A more detailed explanation of the new method of computing the weights is given in the Monthly Labor Review, September 1935, pp. 810-837.
Revised data are available from January 1929 to date on monthly besis' revised data for certain months are available to 1919 (see the U. S. Department of Labor nublication).
The indexes used in the table are the revised flgures from 1919 forward; earlier data are as previously published for 22 foods, using the old system of weights. Historical
data are available back to 1890. Detailed statistics, by cities, and by commodities are published monthly by the U. S. Department of Labor.
$\checkmark$ Data are as of Dec. 15.

- Data not collected for these months; to be collected quarterly in future

9 -month average.

## Pages 12, 13, 14

1 Compiled by Fairchild Publications, New York, and represent prices collected as of the lst of each month on 105 nonstyle items (foods are excluded) from 36 retail trade organizations, including independent and chain department stores, mail-order organizations, and specialty stores. These trade establishments are located in 23 principal cities broadly distributed over the country; the number of stores represented as not been reported.
In computing the index a weighted average price for each item is first obtained. Quotations from each organization are weighted according to the relative importance of that item in that particular store, and the average so obtained is related to that of the base period, Jan. 1, 1931 (December 1930), as carried in the Survex. The 105 relatives so obtained are then weighted according to their a verage relative importance in a representative group of stores to obtain the subgroup, the group, and the composite indices. For example, silk fabrics account for 5 percent of the total business Weights used have not been published, but it is apparent from the items included in the index that textile items are heavily weighted.
The fgure given for 1929 is an average for 2 months (October and December); that for 1930, for 3 months (June, October, and December). Figures are available monthly from January 1931 forward. Note that the figures here given for each month are reported for Feb. 1; thus, the base index for Jan. 1, 1931, is here given as December 1930 .
In addition to the group indexes shown, the reports also include indexes for 26 subgroups. Monthly data, by group, for 1931 appeared on p. 19 of the December 1932 issue of the SURVEY.
${ }_{2}$ Computed by the $U$. S. Department of Labor, Bureau of Labor Statistics. The indexes are based on prices secured (in most cases) weekly, and weighted according to the importance of each article in the country's markets. Since January 1928, 784 commodities are included; and, although the number varied from time to time prior to that date, the indexes are so constructed as to be comparable throughout the entire period. The indexes covering 550 commodities may be found in the 1931 ANNUAL SUPPLEMENT OF THE SURVEY OF CURRENT BUSINESS for 1913 through 1930.
The economio classes contain the same commodities as the 10 main groups. BeginThe economio classes contain the same commodities as the 10 main groups. Begin-
ning 1921, in computing these groups, articles falling under more than one of the clasning 1921, in computing these groups, articles falling under
siflcations adopted are included under each classification.
siffcations adopted are included under each classification.
Quotations for the various commodities covered are secured at their primary markets and are based on first-hand transactions. For most articles, weekly prices are received. For commodities whose prices are fairly stable, such as certain textiles and building materials, only 1 st of the month prices are taken. In many instances, price for the year is obtained by dividing the sum of the quotations by the number of quotations.
For the methods employed in computing the indexes, see Publication No. 493 of the U.S. Department of Labor, Bureau of Labor Statistics, entitied "Wholesale Prices, 1913-1928"; see also Publication No. 572, entitled "Wholesale Prices, 1931."
3 2-month average, October and December.

- 3-month average, June, October, and December.


## Page 15

' Compiled by Dun \& Bradstreet, Inc. (formerly by Bradstreet's before the merger of the 2 organizations). As reported, the figures are given os of the 1st day of each that is, the July 1 index is shown as the June index
This index is an aggregate price per pound of 96 selected commodities, quotations being taken from primary markets. No weighting is used. For use in the SURVEY the aggregates are all divided by the average for 1926 in order to present a series on the same base as the U.S. Department of Labor index.
Comparative prices are shown for 106 staple commodities which are divided into 13 general groups, as follows: Breadstuffs, 6; livestock, 4; provisions and groceries, 24; fresh and dried fruits, 6 ; hides and leather, 4; raw and manufactured textiles, 11; metals, 13; coal and coke, 4; mineral and vegetable oils, 6; naval stores, 3; building materials, 7; chemicals and drugs, 11; and miscellaneous, 7.
Prices for the 13 groups are available from the original source. The basic aggregates are available, by months, back to 1903; annually, from 1800 to 1902 .
For a further description see Bulletin No. 173, U. S. Department of Labor, published in July 1916.
2 Compiled by Dun \& Bradstreet, Inc. (formerly by R. G. Dun \& Co. before the merger of the two organizations). The data as compiled represen
the per capita cost of a year's supply of 300 selected commodities.
che per capita cost of a year's supply of 300 selected commodities.
The index is weighted by multiplying the price of each quotation by the quantity consumed annually by each individual, as nearly as can be ascertained from statistical records. About half of the aggregate is made up of food commodities.
The price quotations are those prevailing on the list day of the month in the principal markets of the country. As used in the Surver they are shown as of the end of the preceding month; that is, the July 1 index is given for June. The aggregates are all divided by the average for 1926 in order to present a series on the same base as the U. S. Department of Labor index.
For further description see Department of Labor Bulletin No. 173 (July 1915).
$\$$ Compiled by the U. S. Department of Commerce, Bureat of Foreign and Domestic Commerce from prices quoted in representative world markets. The composite index is made up of the same commodities that are included in the index of world tooks of raw materials and foodstuffs, and is designed to show the relation of stocks 3; silk, 2; sugar, $6 ;$ tea, 1 ; tin, 1; wheat, 6 ; total, 30 .
; The sources of the original quotations are as follows: Coffee, Santos 4, spot New York average of Tuesday of each week, U.S. DL partment of Labor; cotton, silk, and York average of Tuesday of each week, U. S. Dlpartment of Labor; cotton, silk, and
tin, Surver of Current Business; rubber, smoked sheets, spot closing, New York, Leather and Rubber Dirision, U. S. Department of Commerce; Sugar, raw $96^{\circ}$, cost and freight New York, Lamborn Co., Sugar-market reports based on average of daily prices; tea, 1920-35, India tea only, International Year Book of Agricultural Statistics,
1926 onward, all tea, Tea Market Reports, Tea Brokers Association of London, basod on average of weakly prices; and wheat, Liverpool parcels, based on average of daily prices, U. S. Department of Agriculture.
All indexes are based on dollar quotations. For tea and wheat sterling prices are converted to dollar equivalent on the basis of the monthly average exchange rates as reported by the Board of Governors of the Federal Reserve System. No adjustment has been made for the change in the gold content of the dollar.
Labor Statistics; other data computed by the U. U. S. Department of Labor, Bureau of Labor Statistics; other data, computed by the $U$. $S$. Department of Commerce, Bureau
of Foreign and Domestic Commerce, from original sources as follows: Retail food, U. $S$. of Foreign and Domestic Commerce, from original sources as follows: Retail food, U. $\underset{\text { D }}{ }$.
Department of Labor, Bureau of Labor Statistics; prices recived by farmers, U. S. Department of Labor, Bureau of Labor Statistics; prices reccived by farmers, U. S.
Tiepartment of Agriculture, Bureau of Agricultural Economics; cost of liviag, National Iiepartment of Agriculture, Bureau of Agriculturat Economics; cost of iviag, Na Industrial Conference Board. All data have been converted to a $1923-25$ base. espective headings.

Figures are as of Dec. 15.

Monthly data for the period 1913 to 1932, inclusive, was shown on p. 18 of the August 1933 issue. The data for farm prices eiven in this table are based on the index of 42 commodities, which has since been revised.

## Pages 16, 17

Compiled by the Board of Governors of the Federal Reserve System, Division of Research and Slatistics. The index of the value of construction contracts awarded has been derived for the period 1919 to date from monthly figures reported by the figures for 25 States east and north of, and including, North and South Dakota, Iowa, Missouri, Tennessee, and Virginia, together with the District of Columbia and portions of Kansas and Nebraska. Beginning with May 1921, figures for North in Florida, Georgia, Alabama, Mississippi, Louisiana, Arkansas, and Oklahoma. In May 1924 figures for Texas Fere added, so that since that time the Dodge reports have covered 37 states. In order to obtain comparable igures for the entire period
from 1919 to dato, the total volume of contracts awarded in 37 States was estimated for the period January 1919 to Aprii 1924. For all states which were not originally included in the report, with the exception of Texas, it was assumed that contracts awarded formed the same percentage of the total in the earlier period as in the 3 base years 1923-25; for Texas a similar estimate was made on the basis of the relationship
existine in the period from May 1924 to December 1925. The series consists of 2 existing in the period from May 1927 to December 1925. The series consists of 2 soparate indexes-"residential" and "all other" types of construction-and their combination into an index of total construction contracts awarded. Seasonal adjust ments based on a 3 -month moving average, centered at the middle month. These indexes ( $a$ more detailed description of the construction of which was published in the Federal Reserve Bulletin for July 1931, p. 358) replace the series previously published by the Federal Reserve System which represented the total for construction contracts awarded. A description of the construction of these earlier indexes, together with data beginning January 1910, Were published in the Federal Reserve Bulletin for Aution contracts awarded, was first published in the Federal Reserve Bulletin for September 1924 , p. 687 and a description of the construction of the indexes appeared in the November 1924 bulletin, p. 860 . For further information relative to the basic data upon which these indexes are computed, see footnote 2 below.
 wardod in the 37 States (including small towns and rural districts as well as large cities) east of tho Rooky Mountains. Comparable data for the 37 States are not vialable prior to 1925. Statistics covering a varying number of States were published in the monthly Surver or Current Business, as follows: For 36 States, in issues of August 1925 through July 1930; for 27 States, from December 1923 through July 1025 ; for 25 States, from July 1021 through November 1923. In the year 1931 the IF. W. Dodge Corporation reallocated certain types of contracts awarded, and where separate data for these were available, revised the classes of construction nvolved back to 1925. For explanation of these reallocations see footnotes 3 to 6 below. At the sarne time, a segregation of the "Public works and public utilities" group also was made, Including with the public-utilities class certain types of construction whioh formerly had beon includod elsewhere. Figures for construction oost of which veriod from $\$ 5$, 000 in earlier years to as low as projects, the minimum oost of shipbuilding and a large volume of rece as low as work (no the more recent years. Shippuiling and a large volune of orce-account work (no contract let) are not represented in the Dodge data. In addition to the data presented in the Surver States, and cities Similar information for subclassifications of the 10 groups and for contemplatod contract projects also is published.
The coverage of all construction represented by the Dodge Corporation statistics is not known. Formerly, it was estimated that the data represented about 90 parcent of the total construction of the types measured, but this figure is now believed to be too high and has probably not been constant. Of the total estimated volume of all construction (both contract and force account), the Dodge data represented close to 50 percent in 1929; but in the years 1932 to 1935 the percentage was about 1/3, owing to the large
Comparable monthly data for total construction and for the classes (except as stated in footnotes 3 to 6 below) for 1925 to 1931 are in the 1932 AnNual SUPplement Of THE SURVET
${ }^{1}$ Due to changes in classification, figures exclude the following: Data for power plants for all years, for pipe lines beginning 1929, and airports beginning 1930, which data are included with public utilities. Separate figures for the above classes (excopt power plants) are not available prior to the years specified, and for this reason
cannot be excluded. Monthly data for 1930 and 1931 (revised) were publisbed on p. 20 of the September 1933 issue of the Sunver.
p. Owing to a change in classification, data for airports have been exluded from "commercial buildings" class and included with "public utibties", beginning 1930 . Separate fgures for airports are not available prior to 1930, and for this reason cannot be exeluded. Monthly data for 1930 and 1931 (revised) were published on p. 20 of the September 1933 issine of the Sullver.

- Owing to a change in classification, figures for the "factory buildings" class (prior to 1931 classified as "industrial buildings") exclude data for power plants for all years Separate figures for pipe lines for years prior to 1929 are not available, and for this reason cannot bo excluded. Monthly data for 1923 to 1031 are in the 1032 ANNUAL SUPTLEMENT TO THE SURVEY.
- Figures include data for power plants for all years, for pipe lines beginning 1929, and airports beginning 1930. Separate figures for these classes, except power plants, are not available prior to the years specifled and for this reason cannot be excluded from the "factory buildings" (prior to 1931 classed as "industrial buildings") and "commercial buildings" classes, respectively, which formerly included them. Monthly data for public works and pablic utilit
September 1033 issue of the Surver.
7 Drata for floor space for these classes published by the F. W Dodge Corporation include buildings only and for this reason are not shown in this table.
\& Figures do not indude the following number of projects and their values which - not available by classes of construction: For January 13 projects totaling $\$ 4,060,000$; for February, 8 projects totaling $\$ 381,900$; and for March 2 projects totaling $\$ 25,110,000$. These projects were under the Civil Works Program, which was not in existence after March 1934.

Pages 18, 19
1 Detana compilod by the Enoineering News-Record and represent heavy-engineermu construction contracts awarded for publio (Federal Government, State, and municipal and private projects for the United States. The published figures, howThe minimum cost of construction projects included is as follows: For water-works, excavation, drainage, and irrigation-1913 through June 1932, \$15,000: July 1932 through December $1935, \$ 10,500$; January 1936 to date, $\$ 14,000$. Other public works1913 throngh June 1932, $\$ 25,000$; July 1932 through December 1935, $\$ 17,500$; January 1936 to date, $\$ 23,000$. Industrial buildings-1913 through June 1932, $\$ 40,000 ;$ July buildings (including hotels, apartments, schools, hospitals, and certain other classes of buildings)-1913 through June 1932, $\$ 150,000$; July 1932 through Decamber 1935, $\$ 105,000$; January 1936 to date, $\$ 140,000$. The reports of the Engineering NeusRecord show in addition to these data a break-down by classes of construction, and
each class by States and geographic divisions. Weekly data also are available.

Note that these monthly totals are combinations of 4-and 6 -woek periods. The Week periods are indicated by the symbol $\ddagger$. Monthy data (sliphtly revised since orst published) for 1923 to 1931 are in the 1932 annual Supplement to the Surver: age of concrete pavement awards for roads, streets, and allevs. The totals of the monthly data differ to some extent from the annual totals published by the association in its Cement and Concrete Rejerence Book. Tho discrepancies arise from the fact that the month-to-month records cover only the States in which the association has district offices. The information for the other States is usually obtained yearly and is not allocable by months. Prior to 1929 the figures are stated to be reasonably correct or the en cartain States, as 1032 Utah, South Dakota; 1934, New Jersey, Maine, Delaware (reports received irregularly); 1935, Arkansas, Oregon (reports received irregularly); 1933, Michigan irregularly); 1935, Arkansas, Oregon (reports received irregulariy); 1933, Michigan
(ont for 1933 only). Monthly data (slightiy revised since first published) for 1923 to 1931 are in the 1932 A NNUAL SUPIIEMENT TO THE SURVEY.

It is estimated that Michigan yardage in 1933 amounted to about $3,(000,000$ square yards. In 1935, it is estimated that nonreporting States laid from 1,500,000 to 2,000,000 square yards, with a large percentage of this in New Jersey.
The annual totals reported by the association are as follows in thousands of square Yards): 1919, 53,459,934; 1920, 39,048,635; 1921, 56, 164,136; 1922, 79,085,705; 1923, 77,937,$772 ; 1024,92,240,161 ; 1925,104,069,341 ; 1026,113,899,127 ; 1927,130,263,433 ; 1929$,
$148,077,908 ; 1929,140,020,751 ; 1930,145,821,655 ; 1931,134,016,852 ; 1932,67,562,950 ; 1933$, 48,393,006; $1934,45,107,515$.
${ }^{3}$ Compiled by the Burcau of Pubtic Roads, U. S. Department of Agriculture, and are condition figures, as of the end of each month, for highway work administered by the Bureau. Until September 1933 the ogures are based on the rebular annual appropriations of Federal aid for highway constrtction. Subsequent month-end figures also include condition figures based on funds provided in title II, section 204 , of the National Industrial Recovery Act; starting in August 1934, supplementary funds were provided by the act of June 18, 1034 (both funds referred to as Public Works funds); starting in November 1935, Works Program funds provided by the Fmergency Relicj Appropriation Act of April 8, 1985, including separate funds for highway construetion and grade-crossing projects. Included are projects on the Federal-aid highway systems outside of municipalities, and projects on secondary for feeder) roads. The yearly figures shown in the columns headed "Hirghways under construction" for 1924 to 1931 , inclusive, represent the condition as of the end of July of each year.
4 The figures given for 1924 to 1931, inclusive, are as of the end of July of each year. This month usually represents the peak for the year owing to seasonal conditions.
${ }^{5}$ A verage of months shown.
Pages 19, 20
1 See lootnote 3 for p. 18.
${ }^{2}$ Compiled by the American Appraisal Co, and designed to represent the broad trend of construotion costs. The index is based on material and labor costs for 4
typical buildings (frame, wood-frame brick, steel-frame brick, and reinforced concrete) gathered from about 30 representative cities in the United States. The index crete) gathered from about 30 representative cities in the United States. The index
is a weighted average of material and labor costs (ineluding skilled labor costs). Tho weighting factors are based on the actual costs of constriction of 4 buildings of the types listed above. Indexes are computed for each city and combined into an index types isted above. Indexes are computed for each city and combined into an index beginning with 1936, will be shown in an early monthly issue of the SUR VEY
Formerly (through March 1933) indexes were published for each type of building in $\theta$ districts, but the indexes by types were discontinued for the reason that the company found them of little use in their own appraisal work. The company constantly stresses the fact that these averages merely represent is trend; that actual costs vary widely between different buildings and different regions. As an example, in 1932, when the average index was 151, the range (depending upon composition, location, and exact date) was from 121 to 194.
Index is on a monthly basis at present, but is reported quarterly. Averapes shown for 1920 to 1923 , inclusive, are averages of figures for ench quarter; for 1915 to 1919 , inclusive, they are averages for 2 months; only the ycarly figures aro available for 1913 and 1914.
Data for the period from 1913 to June 1933 (monthly subsequent to 1923) were shown on p. 20 of the August 1933 issue of the SURVEY
dexes of wages and materials in the proportion of 40 percent for the., combining indexes of water and 60 is approximately correct. The wages are those reported for hod carriers and common laborers, and the prices are those reported for sand, gravel, crushed stone, portiand cement, common brick, lumber (all weighted equally), hollow tile (32), and structural and reinforcing steel (both together weighted 16), by the 12 district offices of the associntion located in New York, Chicago, St. Louis, Cleveland, Cincinnati, San Francisco, Los Angeles, Atlanta, Detroit, Baltimore, Philadelphia, and Poston, as of the loth of each month. The value of the materiai items included in the index reprebined labor and costs of all materials accounted for about 80 percent of the total of all expenditures for building construction in 1920, according to the 1930 Census of the Construction Industry.
Monthly data for 1923 to 1931 are in the 1932 AnNUal SUPplement To fne Sunver . *The Engineering News-Record index of construction costs is of the aggregative type, weighted according to the relative importance of the 4 components, and related to 1913 as 100 . In arriving at the weights, average production of steol in the years 1913, 1916, and 1919, average production of lumber 1913-16, cerment 1913-16, and the number of common laborers, 1910 census, were placed on a dollar-value basis, using 1913 average prices, as compiled by Enoincering News-Record, whenever possible:

## Item and unit cost

$33,000,000$ tons steel at $\$ 30$
$90,000,000$ barrels cement at $\$ 1.19$
$42,000,000 \mathrm{M}$ feet, board measure, $]$ umber at $\$ 28.50$
$1,200,000,000$ man-deys at $\$ 1.52$ ( 8 hours).
Total.
Valuo
$\$ 090,000,000$ $\$ 090,000,000$
$107,100,000$

$197,600,000$ | $1,167,100,000$ |
| :--- |
| $1,822,000,000$ |

4, 116, 100, 000
Porcont

According to the Engineering News-Record, these figures were used as a guide, but were adjusted with the aid of experienced construction men. To carry the index forward on the aggregetive basis, an expenditure of npproximately $\$ 100$ was assumed to be spent on the above listed items, the proportions as shown above being maintained. This showed the amounts of each item that could be purchased for $\$ 100$ in
the above proportions. Purchases of similar quantities of these 4 itoms aro assumed the above proportions. Purchases of
to be made at eaoh successive period.
The expenditure of $\$ 100$, at 1913 prices, for the proper quantities of ench item are given below, and it may be noted that the "judgment" mentioned ubove is an important factor.

| Item and unit cost | Total |
| :---: | :---: |
| 2,500 pounds of structural steel at \$0.15. | \$37. 50 |
| 6 barrels of cement at \$1.19.... | 7.14 |
| 600 feet, board measure, pine at $\$ 28.50$ | 17.10 |
| 200 man-hours at \$0.19. | 38.00 |
| Total. | 99.74 |

Since the total in the base year equals approximately $\$ 100$, comparisons with the oase year can be made directly in terms of dollars and conts, is automatically a percentage of the 1913 base. These weights have been shifted from time to time mainly in accordance with the "judgement" of the compilers. In 1933, they were 53.6 percent for labor, 23.8 percent for steel, 16.5 percont for lumber, and 6.1 percent for cement. Monthly data for 1923 to 1931 are in the 1932 ANNUAL SUPPLEMENT TO THE SURVEY. 3 Data are compiled by the Aberthaw Construction Co. and are based upon the cost of constructing an 8 -story reinforced-concrete industrial structure built by the company in Connecticut in 1914, in which cement, steel, sand, gravel, lumber, and glass constituted the major items. The index does not include data for home-office over head and for profit on the job, but is confined strictly to the cost of labor, materials, plant, tools, insurance, etc., actually required for the construction of the building Any improvements in design of the building are not considered, nor are any substitutions made for materials which form a part of the building. The data are brought up to date the 1st day of each quarter (prior to 1929 the 1st day of each month) by preparing a complete new estimate, in detail, of the original structure as of the current late, which takes into account changes in prices of building materials, variations in abor rates (bowever, standard union rates are used), and, as far as may be deter mined, labor effeiency. Changes in the index figures, therefore, constitute the varipreceding months. The monthly averages for the years beginning 1929 are the sperages of the 4 months for which data are published. Monthly data for 1923 to 1928, and quarterly data for 1929 to 1931 are in the 1932 ANNUAL SUPPLEMENT TO THE SURVEY.
${ }^{6}$ Compiled by E. H. Boeckh \& Associates, Inc., consulting valuation engineers Cincinnati, Ohio, and represents a selection from the more comprehensive indexes published by that organization. Indexes are prepared for 16 areas, of which 4 have country, and are computed as of the first of each month. In addition to the types of building construction given, indexes are also prepared for commercial and factory buildings of frame, steel, and brick and wood, and for apartments, hotels, and office buildings of brick and wood. The areas covered, in addition to tbe four given, are Baltimore, Boston, Chicago, Cincinnati, Cleveland, Dallas, Detroit, Minneapolis, New Orleans, Philadelphia, Pittsburgh, and Seattle.
Basic cost data on materials are obtained generally from local building-trade papers, in which prices are quoted weekly or oftener. Prevailing rates of wages are obtained primarily from contractors. Actual wage rates are used, rather than nominal rates, and wages of both common and skilled labor are included. An arbitrary labor officiency correction is used, based on the organization's study of labor conditions in each area. Weights are based on studies of actual building costs by the organization nd vary with the different types of structures.
each month. The other indexes pub lished may be obtained from E. H. Boeckh \& Associates, Cincinnati, Ohio. Monthly not available.
7 Annual indexes
A varage of June and December figures

See footnote 6 for p. 19.

## Page 20

Prior to 1916, figures are as compiled by the New York Journat of Commerce and include losses of $\$ 10,000$ or over in the principal cities of the United States, adding 15 percent for small and unreported losses. These figures are not comparable with those shown for later years (the 1916 Journal of Commerce figure being $\$ 214,531,000$, as against $\$ 258,378,000$ ) which cover net fire and lightning losses for buildings and contents in the United States (including the 48 States and the District of Columbia) adding 25 percent for unreported and uninsured losses. Data do not include losses for automobiles and other classes of property written under marine forms, tornado, inland-marine, earthquake, sprinkler-leakage, explosion, war-risk, tourist-foater, registered-mail, parcel-post, riot, and civil-commotion insurance. Reinsurances in national board companies also are excluded. The monthly figures are merely estimates based upon reports by agents at the time fires occur and can only be used as general indication of the trend of fire losses. The amounts for which the losses are figures, as is evidenced by a comparison of the monthly average for the years 1932 to 1935, based upon the monthly estimates shown in this table, and those based upon the flnally adjusted figures, which are as follows: 1932, $\$ 33,404,963 ; 1933, \$ 22,621,099$; $1934, \$ 21,904,010 ;$ and 1935 , $\$ 20,730,000$. These latter data are comparable with the monthly averages for the years 1916 to 1931, inclusive, also shown in this table, which epresent the totals as finally adjusted. Unadjusted monthly data for 1929 to 1931 are in the 1932 Annual Supplement to the Survey

Complad by the Federal Home Loen Benk Boa ypes of properties, including farms and commercial properties as well as homes Data are reported monthly by recording officials of counties, cities, townships, or ther governmental divisions.
The figures given for the periods up to September 1934 are for 1,013 identical communities in 48 States; these communities have 53 percent of the total population of the United States. Monthly data for October 1934 and subsequently are computed by means of a link relative, since the number of communities from which reports were received varied from 911 to 1,092 . The figures here given are thus comparable although they differ from the ones published in the current monthly reports of the
Home Loan Bank Board for the reason cited. Data prior to 1932, except for 1926 , are not available.
In addition to these figures, the Home Loan Bank Board also issues an index of oreclosures in 77 metropolitan cities.
4Compiled by the Federal Home Loan Bank Board. Loans closed by the Home Owners' Loan Corporation are the monthly totals as reported, and the cumulative total does not take into consideration repayments. The receipt of applications stopped on Nov. 13, 1934, and was resumed for a 30 -day period beginning May 28, 1935. No applications were reccived subsequently. The loans were made to relieve distressed property owners, and the number closed is significan
ing the number of distress properties taken oft the real-ostate market.
ing the number of distress properties taken oft the real-ostate market.
Data on the Federal savings and loan associations and the Federal Ho me Loan Data on the Federal savings and loan associations and the Federal Home Loan Bank loans to member institutions represent the balance of loans outstanding at
the end of the period shown. The data covering the Federal Home Loan Bank loans the end of the period shown. The data covering the Federal Home Loan Bank loans to member institutions include a negligibie amount of loans to nonmember ind from these figures. More detailed information concerning the activities of the Federal Home Loan Bank Board may be obtained from the monthly Federal Home Loan Bank Review.

A verage of months shown.

## Pages 21, 22, 23

Compiled by L. D. H. Weld, Director of Research, McCann-Erickson, Inc., and reported in the weeky issues of Printers' Ink. The farm-paper index is based on commercial linage in the national farm publications and a representative group of
State and sectional papers as reported in Printerg' Ink since 1925; for earlier years, state and sectional papers as reported in Printers ink since mazs; ior earlier years, on magazine linage for the United States as published by Printers' Ink, which covers approximatel $y 80$ to 85 percent of total linage in all magazines. In both of these series, the linage of fifth issues of weeklies in those months in Which 5 issues occurred have issues appear in certain months. Adjustment is also made for mergers and for changes in the number of issues per month of a given publication. Linace is counted
as of the month in which the publication is released, and not as of the date given on on cover, which is often for the following month. The newspaper index is based Inc., for the period 1928 to date; prior to 1928 the figures for 23 cities as reported by Editor and Publisher were used. For this series the data are placed on a 30 -day month basis, with allowance for the varying number of Sundays per month. For the radio index, the gross cost of chain time for the two leading broadcasting companies as roported by National Advertising Records is used and for the outdoor adverdising index, the data used are compiled by the Outdoor Advertising Association of utdorica, the estimated coverage of
After making the above adjustments, the data are corrected for seasonal variation using the ratio to 12 -month moving average method, and reduced to relatives on the 1928-32 base. The resulting relatives are weighted according to the estimated mount spent on each type of medium in the base period, and averaged geometrically. Three of the basic series (without adjustments) are regularly shown in the SURVEY. Mone are magazine and newspaper linage and radio-advertising expenditures. rom Jan ary 1922 the combins and rom January 1,922 to May 1935, and the index of radio advertising from January保 For a more complete description of the indexes refer to the following 1935 issues of Printers' Ink: Jan, 10, 17, 24, 31, and Feb. 7.
2 Compiled by National Advertising Records (known as Denny Publishing Co., Inc., prior to 1032), and represents, for the 2 major broad casting systems, the gross cost
of chain time for national advertising. The costs of local broadcasting and of program talent are not included. The figures are comparable except for a small error n the data prior to 1932 resulting from minor revisions made in the figures of the Columbia Broadcasting System, Inc. These figures could be obtained for the monthly totals only and not for the breakdown by classes; hence, the totals as shown in the SURVEY were not revised. In 1927, the totals shown are for the National Broadcasting System, Inc., only. Figures for the Mutual Broadcasting System, Inc., are not included. Monthly figures back to 1928 were shown in the 1932 supplement, p. 38, for all classes of radio advertising except the "wines, beers, and liquors" group. Because of lack of space the monthly figures published for a time after June 1935, were restricted to the "automotive" "drugs and toilet goods", "foods", "petroleum", "tobacco manufactures", and the combined "all other" groups. The miscellaneous group ncludes the National Advertising Records classifications for "gardon", "jowelry and ilverware", "office equipment", "schools", "travel and hotels", and "miscella. neous.
a C.
a Compiled by National Advertising Records (known as Denny Publishing Co.,
Inc., prior to 1933 ), and represents, for the 24 classes shown, the total Inc., prior to 1933), and represents, for the 24 clisses shown, the total cost of advertising in nations] magazines, with space cost based on the one-time (or single-inserlower rate, as quoted in standard Rate and Data Service, with no account taken of back to 1928 and monthly totals back to 1924 ware shown on 38 of the 1932 supple ment. Because of lack of space, the monthly figures published of the 1932 suppleJune 1935 issue were for a time restricted to the "automotive", "drugs and toilet goods", "foods", "petroleum products", "tobacco manufactures", and "all other" The data shown' here give the complete record.

## Page 24

1 Compiled by Printers' Ink and represents total magazine advertising linage for United States magazines reporting. It is estimated that these include from 80 to 85 advertisers as a satisfactory measure of the trend of total advertising effort. Prior to the October 1933 issue, a series based on identical magazines, by 4-year periods, was published, which established a trend through 1929, but for subsequent periods was unsatisfactory on account of the increase in the number of magazines included in the comparative 4 -year summary. By 1933, all magazinos reporting to Printers' Ink were included in the comparative table. In order to make the series comparable ver the full period, all linage reported to the compilers, whether or not included in the comparative totals, was added for each month. With the inclusion of all magaanes, the series takes in new magazines as they are published, and thereby gives recognition to changes in advertising preference. Monthly data back to 1912 were shown on p. 20 of the October 1933 issue.
a Compiled by Media Records, Inc., and represents newspaper linage in all newspapers, daily and Sunday, in the following 52 identical cities: Akron, Albany, Albuquerque, Atlanta, Baltimore, Birmingham, Boston, Buffalo, Chicago, Cin-
cinnati, Cleveland, Columbus, Dallas, Dayton, Denver, Detroit, El Paso, Fort cinnati, Cleveland, Columbus, Dallas, Dayton, Denver, Detroit, El Paso, Fort Worth, Hartford, Houston, Indianapolis, Jacksonville, Knoxville, Los Angeles, Memphis, Milwaukee, Minneapolis, Nashville, New Orleans, Oakland, Oklahoma
City, Omaha, Pittsburgh, Portland, Reading, Richmond, Rochester, Salt Lake City, San Antonio, San Diego, San Francisco, Seattle, South Bend, Spokane, St. Louis, Syracuse, Tacoma, Toledo, Tulsa, Washington, Worcester, and Youngstown. Louis, Syracuse, Tacoma, Toledo, Tulsa, Washington, Worcester, and Youngstown. from the ad vertising of retail stores, not including automotive or financial advertising. The application of this definition is uniform in all cities measured by Media Records, Inc. For monthly data back to 1927, see pp. 40-41 of the 1932 SUPPLEMENT.
The New York Evening Post serios on newspaper advertising in 22 cities is available or the period from 1916 through January 1933. (See the 1932 supplement and monthy issues prior to December 1934.) The January 1926 figure in the 1932 SUPPLEMENT is a misprint; it should reud 1,936,000 lines instead of $1,036,000$. Also, a series on national advertising in newspapers of 43 identical cities, compiled by Printers' Ink,
was shown on p. 25 of the November 1927 issue, and in subsequent issues for the was shown on p. 25 of the November 1927 iss
period from June 1925 through December 1927
${ }^{3}$ Compiled by the U. S. Department of Commerce, Bureau of the Census, based currently on reports received from about 450 establishments operating mare than B50 establishments operating nearly 1,500 warehouses reported. The decline in the number of firms reporting has been allowed for by stating the figures on the ratio basis, and it is believed that the series is representative for the entire period covered. Storage of household and cold-storage goods are excluded from the compilations. Monthly figures back to 1927 were shown in the 1932 Supplement, pp. 42-43. Detailed figures by geographical divisions, States, and metropolitan areas are given in the original rep

* Compiled by the Corporation Trust Co. from data obtained by its local offices from the Secretaries of State of New York, Illinois, Delaware, and Maine. Included are business corporations chartered under the corporation laws of the various States, but not necessarily doing business in that state. Incorporations or fraternal or 1932 SUPPLEMENT, pp, 42-43.
1932 SUPPLEMENT, pp. 42-43. $\quad{ }_{5}$ Compiled by the U. S. Post Office Department, and for both pound-mile performance and air-mail poundage transported, the figures were determined by ascertaining the weight and distance carried for airmail dispatched monthly on each route and As the same mail is frequently carried otain monthly totals for all routes combined poundage transported do not represent the weight of originating air mail. By multiplying each pound of mail by the distance it travels from its point of origin to its destination, to obtain pound-mile performance, the double counting is avoided
which results when the mail is reweighted at each point of transhipment and stated which results when th
as air-mail poundage.

Monthly figures back to Fobruary 1926 for air-mail poundage transported were given on pp. 42-43 of the 1932 SUPPLEMENT under the heading "Airmail, weight 12,818 . These Revisions in 1926 for this series are: A pril, 5,296 , a ay, 10,0 , and July 1926. The figures for February and March 1926 are for the actual figures for the two lines in operation at that time. Monthly data for 1926 are averages of 11 months, February through December. Data on pound-mile performance are not available prior to January 1931. Figures (in thousands of pounds) for 1831 which have not been shown in the SUrvex are: January, 479,643; February, 442,525 ; March, 483,550 ;
April, 515,953 ; May, 522,955 ; June, 541,$645 ;$ July, 552,603 ; August, 558,270 ; September, April, 515,$963 ;$ May, 522,955 ; June, 541,$645 ;$ July, 552,603 ; August, 5
-Compiled by the U. S. Post Office Department. The 50 cities included in the monthly reports represent more than 40 percent of the total money-order business. Money ordors paid include, in addition to those both issued and paid in the 50 cities, those presented for payment but issued at any of the other post offices in the United States and the 21 foreign countrjes, mostly in North America and the West Indies, to which domestic postage rates apply. For this reason, money orders paid in the 50 cities represent a much larger percentage of the total than do money orders issued in theso same cities. In 1935, these percentages were 61.5 percent and 42.3 percent, phia, Boston, St. Louis, Kansas City, Detroit, Cleveland, Los Angeles, Son Franphis, Boston, Brooklyn, Pittsburgh, Cincinnati, Minneapolis, Baltimore, Milwaukee, cisco, Brooklyn, Pittsburgh, Cincinnati, Nanneapolis, Baitimore, Ningark, Buffalo, St. Paul, Indianapolis, Atlanta, Newark, Denver, Dallas, Soattle, Omaha, Des Moines, Portland, Louisville, Rochester, Columbus, New Orleans, Toledo, Richmond, Providence, Memphis, Dayton, Hartord, Nash vile, Houston, Syracuse, New Haven, Grand Rapids, Akron,
Springfield, Salt Lake City, Jacksonville, and Worcester.
Monthly figures back to 1923 were given in the 1932 SUPPLEMENT, pp. 42-43.
Monthly figures back to 1923 were given in the 1932 Supplement, pp. $42-43$.
7 Corapiled by the $U . S . P$ ost Office Department and represents money orders issued to 72 principal foreign countries which account for practically the total international money orders issued. The number of countries has increased slightly in recent years, but money orders issued to the additional countries are only a small fraction
of the total. Monthly figures back to 1923 were shown in the 1932 SUPPLEMENT, of the tota
${ }_{8}$ 11-month average, February to December.
Pages 25, 26
1 Compiled by tbe $U$. S. Post Office Department and represents receipts from (a) sales of stamps, stamped envelopes, newspaper wrappers, and postal cards; (b) second-class postage paid in money; (c) first-, second-, third-, and fourth-class
postage paid in money under permit; (d) receipts from box rents. For the country postage paid in money under permit; (d) receipts irom oox rents. For the country as a whole, receipts from these items in the fiscal year ended June 30,1935 , represented more than 99 percent of total ordinary postal revenues. The so selected cities cover the largest cities in the country, and during the years $1924-33$ receipts at these cities
were between 52 and 54 percent of total revenues for the entire country. $\mathbf{B y} 1435$ were between 52 and 54 percent of total revenues for the entire country, By 1935
this was reduced to about 49 percent, indicating that receipts from tbe smaller this was reduced are contributing a larger percent, indicating of total revenues than in the earlier years. cities are contributing a larger proportion of total revenues than ine 60 industrial cities (none of which are included in the other class) the trend of revenues is more sensitive to change due to special conditions that exist in such cities during different stages of the business cycle. For this reason the relationship cities during different stages of the business cycle. For this reason the relationship The comparability of these series is affected by variations in postal rates and these changes (for class I mail only) have been, briefly, as follows:
On Nov. 3, 1917, the rates were increasod by the War Revenue Act from 2 cents to 3 cents for first-class mail other than drop letters (for which the rate was advanced rom 1 cent to 2 cents) and from 1 cent to 2 cents for postal cards. These rates remained in effect until July 1,1917 , when the original rates were restored. However, the amounts derived from the increases in postage represented war-tax revenue that accrued to the Treasury and not to the Post Offe Department.
On July 6, 1932, letter postage was advanced from 2 cents to 3 cents, and that rate till prevailsoxcept for drop letters, for which the rate was reduced to 2 cents, effective July 1, 1033. Monthly data for 1923 to 1931 are in the 1932 AnNoal SUPPLEMENT To the Survey.
${ }^{2}$ Computed by the U.S. Department of Commerce, Bureau of Foreign and Domestic Commerce and portrays the trend of consumer purchases of new passenger automobilos, which, it is estimated, account for from 6 to 8 percent of the total retail trade ness of automobile dealers, since only about $1 / 2$ of such business is represented by ness of automobile deal
The unit salcs figures upon which this index is built are those reported each month to the National A utomobile Chamber of Commerce by individual manufacturers who produce more than 95 percent of all passenger cars. The figures are obtained by the Burcau in total only, and since a dollar value was desired, it was necessary to determine an "average realized price" to be used in converting the total monthly unit sales figures into dollar-volume figures. To obtain such a price, the registration figures, which are available by make of car, are used. The price of the standard sedan (for 2 makes the conch is used, as it is the most popular model) of each make of car is multiplied by the months' total registrations for that make, and the sum of such products divided by total registrations for the month gives the desired "average realized price." This price factor is then multiplied by total unit sales
to obtain a dollar-value figure. The total value for the month is then reduced to a daily average basis, giving equal weight to all days. The adjustment for seasonal variation is made by the "ratio to moving-average" method and related to the 1929-31 buse. A more complete description of the index, together with the monthly
unadjusted and adjusted figures back to 1929 , appeared on pp. 16-19 of the April 1934 issue of the SURVEY.
1934 issue of the SURVEX.
3
Compiled by Chain Store A A e from reports of 5 grocery chains, 6 variety store chains, 2 drug chains, 2 shoe chains, and 3 apparel chains. Beginning in January chains, according to Chain Store Age, account for about $3 / 3$ of the total chain business in these fields. Total business in these categories account for about 56 percent of all chain-store business, according to the 1933 Census of Distribution, and on this basis,
the stores included in the Chain Store Age index do about 18 percent of all chain-store the store
Indexes are computed for each of the 5 groups mentioned above, 2 of which are shown in the Surver, together with the composite index. In computing the index, daily average sales by groups are calculated each month and related to the average for the same month in 1929, 1930 , and 1931. (For example, daily average sales in
January 1036 are expressed as a percentage of daily average sales in the 3 months January 1929, January 1830 , and January 1931.) A fairly satisfactory adjustment for shifting date of Easter. For the composite index the total of the daily average sales by groups is used, instead of weighting each set of group relatives to obtain a weighted average composite. In reducing the monthly data to a daily-average basis, allowance shoe, and apparel indexes, but no such allowance is made in indexes for the grocery or drug chains. The indexes are available only back to January 1932.
${ }^{4}$ Computed by the U. S. Department of Commerce, Bureazi of Foreign and Domestic Commerce, to provide a measure of the sales of a typical varioty store. It is computed from monthly reports of an identical group of stores received from the following limited-price varjoty chains: W. T. Grant, H. L. Green, S. S. Kresge, S. H. Kress,
G. O. Murphy, J. J. Newberry, and F. W. Woolvorth. More than 90 percent of
the volume of the limited-price variety store is sold through chain organizations, and the above-mentioned organizations operate more than 75 percent of the total ohain units and account for more than 75 percent of the volume of sales. The indivldua sore units comprising the sample bue representation to every section of the country heavily those cities between 10,000 and 100,000 pophatation, and gives relatively light weight to towns of less than 10,000 .
In computing the index, each firm's monthly sales were, in effeet, reduced to daily averages, related to the $1929-31$ base, and weighted actording to the total sules of the several firms in 1932. Adjustments for seasonal variation wero mado by the "ratio to moving-average" method. An adjustment; is also made for the shifting date of Easter. For a more complete description of this indox, together with the monthly figures back to January 1924, see pp. 17-20 of the March 1934 issue.
This index was based on total saies of the reporting ortranizations was discontinued This index was based on total sales of the reporting organizations.
U. S. Depertment of Commerce, Barcau of Foreign and are reported directly to the U. S. Department of Commerce, Burcau of Foreign and "lomestic Commerce, by the several chain systems. Although often designated as "io-and-10-cent" chain stores, however, they all fall within the classiflation popularly known as "10-cent" stores The sales data are all for calendar inonths.
The sales data are an for calendar Inonths. Green Co., Inc., as such, are for the period July 1933 to date Earlier figures shown represent a consolidation of the data for the thrco chains that were merged into the H. I. Green Co., Inc. These three chains were known as the Isaac Silver \& Bros. Co., Inc. The consolidated figures by months are available back to June 1921 for sales, and to May 1925 for stores operated.
For S. S. Kresge \& Co., sales and stores operated are for both American and Canadian stores. Monthly data for early years for S. S. Krasge \& Co., S. H. Kress Co.,
McCrory Stores Corporation, G. C. Murphy Co., F. W. W ool worth Co., as shown on pp. 44-47 of the 1932 SUPPLEMENT, are eorrect except for minor revisions.
Thompresents combined sales and restaurants and the Waldorf Sustem, Inc. Back to the the Ghids Co., J. $R$. Thompson Co., and the Waldorf System, Inc. Back to the boginning of the sories, the data for the Boos Bros. Cafeteria Co. have been includod, since this company Was absorbed by tbe Childs Co. in 1929. Similarly, the monthly figures for the Ginter Co., which was taken over by the Waldorf Systcm in 1927, bave been included back to the beginning of the series. Monthly figures back to 1923 were shown in the
1932 Supplement, pp. 46-47; data for the individual stores liavo not been shown 1932 SUPPLEMENT,
since August 1933.
${ }^{7}$ Reported directly to the $U$. S. Department of Commerce, Bureau of Foreign and Domestic Commerce by the 2 chain systems. For the $W . T$. (Irant Co., ithe montlly figures back to 1922, as shown on pp. 48-18 of the 1932 SupplyimbNT, are correct at shown and earlier monthly figures back to 1929 (pp. 48-10) of the 1932 srypicmesN are comparable, but the sales figure for June $192 y$ puciudes the undistributed sales for are comparable, but the sales figure ior Byars Co., which was absorbed lyy tho. 7 . C the preceding 5 months for the J. B. Byars Co., which was absorbed lyy tho 7. . Byars chain. Monthly figures as shown in the 1932 Supranamer are otherwise correct, excert for minor revisions.
${ }^{8}$ Released by the $U$. S. Department of Commerce, Burear of Foreign and Domestic Commerce, and represents the ratio of total collections during the month to total amount of accounts outstanding at the beginning of that month. Since January 1934 the series are based on open accounts of over 400 department stores, and install ment accounts of more than 250 stores, as reported by the Board of Goterroors of the Federal Reserve System. Data for 1833 are from the Retail Credit Survey made by the Bureau of Forcign and Domestic Commerce and are based on the open accounts of 174 department stores and the installment accounts of 131 stores. Despite the smaller number of stores in 1933, the series appears to be comparable; the ratios for the 1034 variations from the ratios reported by the Board of Governors of the Federal Reserve System.
ber of stores in operation at end of year; for other years the figures ure monthly averages.
is 7 -month average, July to December.
19 -month average, June to December.
${ }^{13}$ Figure is for 11 districts only, data for the New York district not being included $i^{n}$ this one month.

## Pages 27, 28

I Compiled by the Board of Governors of the Federal Reserve System, Division of Research and statistics, and is based on monthly dollar sales of department store department- for more than $1 / 2$ of the total business done in such stores. In 103 according to the Census of A merican Business of 1933. Reports are currently received from about 425 department stores, located mostly in tho larger cities in different parts of the country; the number of stores included has diminished considerably since this index was first published in 1928, but owing to substitutions and consolidations, the representativeness of the sample is not seriously lessened.
The index is based on daily average dollar sales of an identical group of department stores, related to the 1923-25 daily average and adjusted for scasonal variation. In computing the daily averages, allowance has been made for changes from month to month in the number of Saturdays and Sundays and for the 6 holidays most com monly observed; an allowance is also made for the changing date of Easter.
years prior to 1925 , when the number of reporting stores was smaller, the inded In years prior to 1925 , when the number of reporting stores was smaller, that base as
originally computed was adjusted so that it contained the same firms that reported originally computed was adjusted so that it contuined the same firms that reported in both 1925 and in earlier years. The $1923-25$ monthly average of these reatives was then computed and was used as above or constricting the final indexes, by
dividing the monthly relatives on the 1925 base by the $1923-25$ average of these relatives.
The seasonal adjustment factors are computed by the "ratio to moving-average"
method. The adjustment for the changing data of Easter is mado by aitering method. The adjustment for the changing data of Easter is mado by aitering the seasonal tactors for March and April; tbus, in 1934, when Easter fell on Apr. 1, all Easter business was done in March and, accordingly, tho seasonal ajdustment faetor for March was raised 3 points, and the April factor lowered 3 points.
Since many of the regularly reporting stores are slow in making their returns, a preliminary index is computed, which is based on sales of an identical group of stores in a given month, and or the same month a year carlier. These sales ngures are period is applied to the final index for the first of the 2 years to obtain the index for period is applied to the final index for the forst of the 2 years to obtain the index for
the current month. The difference between the preliminary and final indexes is seldom more than one point. These figures are reported for a larger number of stores than that used in the final index, and are published monthly by the Bocrd of Gor erors of the Federal Reserve System, with a break down by Federal Roservo districts. For monthly data back to 1919 for both the adjusted and unadjusted indexes, see p. 19 of the September 1936 issue of the Surver. For a complete description of the
indexes, se the Federal Reserve Bulletin of February 1928 (pp. 114-116) and A pril 1028 (pp. 230-212).
${ }^{2}$ Computed by the Federal Reserve banks for the specified districts. Indexes of department-store sales for each of the 12 Federal Reserve districts were computed by the Division of Research and Statistics, the Board of Governors of the Fetleral Reserve
System.

Subsequently, all of the district indexes were carried forward by the Surver of Current business until the Federal Reserve banks, with the exception of the four mentioned in note 3, below, started the computation of indexes for their respective districts. The present indexes, as compiled by the eight district banks, reveal close similarity of movement with the old indexes computed by the Federal Reserve System so far as the trend of the annual indexes is concerned, athough there is considerable argence in the month-to-month movements. $d$ in the old indexes and in the presen ndex of departmdexes are similar to those used States, with certain exceptions. For he methods used by the Board of Governors of the Federal Reserve System, Division of Research and Statistics, in computing the present total index for the United States ee footnote 1 , above. As to the exceptions with regard to the present district indexes, identical samples are used for all of the indexes except Cleveland and San Francisco. For Cleveland, the percentage change between 2 consecutive months in sales of identical group of stores is applied to the index for the first of the 2 months to ecure an index for the second month. For San Francisco, the number of stores $r e$ porting varies slightly, but no adjustments are made in the base, since the coverage of department-store sales for the United States, a few substitutions have been made of department-store sales for the United States, a few substitutions have been made Minneapolis, the monthly sales are reduced to daily averages, and all are shown both with and without adjustment for seasonal variation, the method of adjustment used in all cases being that of the "ratio to moving-average." Allowance for the changing date of Easter is also made in each of the 8 district indexes. The annual figures for he Atlanta, Chicago, and Minneapolis indexes are based on yearly sales; for the thers, the annual figures are averages of the monthly indexes. The indexes for the Minneapolis district are based on department-store sales in Minneapolis, St. Paul, Duluth, and Superior only. For monthly figures prior to 1932 , see p. 19 of the April 1935 issue of the Surver for the Chicago indexes, and p. 20 of the February 1935 issue or the others
${ }^{3}$ Currently computed by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, from data compiled by the Federal Reserve banks located in these istricts. Indexes for each or the 12 Federal Reser ve districts were formerly compiled by the Federal Reserve Board, but were discontinued after December 1930. However, he indexes were kept up to date by the Survey of Current Business until new indexes were computed by each of the Federal Reserve banks, as outlined in note 2, above. For the Kansas City, Boston, St. Louis, and Richmond districts, the old indexes computed by the Federal Reserve Board have been carried forward by using data compiled by the rederal Reserve banks in these districts, and published in their as compared with the corresponding month a yercen ago, in sales of an identical group as compared with the corresponding month a year ago, in sales of an identical group ng month a year ago gives the index for the latest month. Prior to December 1930 ng month a year ago 4 indexes for these 4 districts, as compiled by the Federal Reserve System, were ad usted for the number of working days, for the varying number of Saturdays and Sundays, for seasonal variation, and for the changine date of Easter; since that time these adjustments have not been made. Monthly indexes for earlier years were Richn one 1
${ }^{4}$ Computed by the Federal Reserve Bank of Boston, and represents the ratio of nstallment sales to total sales in a given month. For the years 1933-35 data received from 21 stores and in earlier years from a slightly smaller number. Monthly data back to 1925 were shown on pp. $50-51$ of the 1932 SUPPLEMENT.
${ }^{5}$ Computed by the Board of Governors of the Federal Reserve System, Division of Research and Statistics, and is based on the dollar value of department-store stocks at the end of the month. Reports are currently received from about 350 stores, a somewhat smaller number than that reporting sales. As in tbe sales index, the numer of stores reporting stocks has diminished considerably since the index was first puss of the samples is not seriously lessened The methods used in computing the es ores whe the ndex were the same as those used in computing the indexes or department store above, for details.) For monthly figures prior to 1932 see the 1932 SUPPLEMENT except for 1931 revisions, which are as follows: Unadjusted index-August 77; October, 89 ; November, 90 . Adjusted index-April, 84 ; May, 84 ; August, 80 ; October 81 . December, 78. For a more complete description of the index, see the Federal Reserve Bulbetin of February 1928 (pp. 114-116) and April 1928 (pp. 236-242).
6 Reported directly to the U.S. Department of Commerce, Bureau of Foreign and Domestic Commerce by the 2 companies. Sales shown are total sales for calendar ompanies has increased very considerably in the period covered. Monthly figures back to January 1923 were shown on pp. 50-51 of the 1932 SUPPLEMENT.
${ }^{7}$ Index prepared by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. As it is not feasible to secure reports from the tens of thousands of independent stores doing business in small communities, the indexes have been prepared from data supplied by large mail-order houses and a chain-store system which also serves the rural population. The companies which have cooperated in supplying figures are: Chicago Mail Order House, Montgomery Ward \& Co., Sears

While the figures obtained provide a fairly large sample of rural sales, it should be noted that this sample is not entirely representative. The character of the business panies, and the trend of their sales may differ from that of the larger units. Despite ts obvious limitations, however, the index should provide a better indication of the volume of rural purchasing of general merchandise than is provided by the sales of ndividual companies.
For the 3 mail-order companies only those sales mnde by mail (the bulk of which go to persons in communities of less than 10,000 population) have been used; the sales of local retail stores maintained by 2 of these companies were excluded from the
index, because it was believed that they represented too large a volume of urban index,
Total sales of the 4 companies (as used in the index) represented about $1 / 5$ of all general merchandise sales in places of less than 30,000 population, according to the 33 Census of Distribution.
Figures were provided by the J. C. Penney Co. comparing sales for each month with the sales of the same stores in the corresponding month of the preceding year, In making it possible to eliminate the eefect of expansion in the number of stores. the 1929-31 average, adjusted for seasonal variation by the "ratio to moving-average" method (no adjustment made for the changing date of Easter) weighted according the proportion of total sales represented by each in the base years, and averaged arithmetically. In adjusting the data to a daily-average basis, allowance is made for Sundays and the 6 legal holidays for sales of the J. C. Penney Co., while for mailorder sales, allowance is made for Sundays only, the
A more complete description of the index, together with the monthly figures back to January 1929, the earliest date for which the index has been computed, were shown on p. 20 of the December 1934 issue of the Survey.

Pages 29, 30, 31
Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data cover 52 industries for 1919 and 1920; 53 for 1921 and 1922; 58 for 1923 through 1928 ;

61 for 1929 and 1930; and 89 beginning 1931. The indexes for the separate industries have beon adjusted to conform with the figures for employment and pay rolls for the years through 1933, as published by the U. S. Department of Commerce, Bureau of which these industries are classified, for the durable for each of the 14 groups into and for manufacturing as a whole. The durable-goods indexes represent the industries in the following groups: Iron and steel and their products, not including machinery; machinery, not including transportation equipment; transportation equipment; railroad repair shops; nonferrous metals and their products; lumber and allied products; and the stone, clay, and glass products groups. The nondurablegoods indexes represent all other manufacturing industries.
The establishments supplying monthly data employ approximately 55 percent of all factory wage earners of the country, and their combined reports indicate with close accuracy the short-time trend in employment and pay rolls. Since the indexes monthly returns cover the pay period nearest the 15 th of each month trend. The monthly returns cover the pay period nearest the loth of each month. If the pay the equivalent of 1 week's earnings. The group and composite indexes are weighted according to the proportional importance of the component industries and industry groups as shown by the Federal Census of Manufactures and are without seasonal adjustment. The combined index for certain of the industry groups given in this table includes some industries that are not shown separately. The indexes are based upon the 3-year average 1923-25 taken as 100 .
For a detailed description of the construction of these indexes and the adjustment
to the Federal Census of Manufactures reports from 1919 to 1931 refer to $U$ S of Labor Statistics, Bulletin 610, Revised Indexes of Facotry Employment and Pay Rolls 1919-1933. The adjustment of the indexes from 1931 to 1933 Census data, while fundamentally similar to tbat described in Bulletin 610, are a refinement over the former method and will be described in a supplement to Bulletin 610, which is now
being prepared. The indexes of employment adjusted for seasonal variation by the being prepared. The indexes of employment adjusted for seasonal variation by the Board of Governors of the Federal Reserve Syst
1937 issue of the Survey of Current B USiness.

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1 Compiled by the Commissioner of Labor and Statistics, Baltimore, Md., based upon monthly reports from a representative list of manufacturing establishments sub mitting pay-roll information for 1 week ending nearest the loth of the month. Data are for factory wage earners ony. The industry indexes are month-to-month rela tives, which in turn are compounded into chain relatives. The indexes are not adjusted for seasonal variation or to the trends shown by the Federal Census of Manufactures. The composite indexes are weighted by importance of the component industries as reported by the 1929 Federal Census of Manujactures. Figures for Maryland (including 23 counties and Baltimore City) for 1 week ending nearest May 15, 1936, represented reports from 547 establishments covering 43 industries, Which employed 74,428 wage earners whose combined weekly earnings were $\$ 1,600,652$. sented 75 percent of all the factory employment reported for the State. Figures for the Baltimore ind ustrial area (including Baltimore Corty and those state. Figures io Anne Arundel, and Howard Counties which directly affect the industrial life of Baltimore City) for 1 week ending nearest May 15, 1936, represented reports from 414 establishments covering 37 industries, which emplozed 54,124 wage earners whose combined weekly earnings were $\$ 1,252,667$. Based upon data for the 1993 Federal Census of Manufactures, the wage earners represented 75 percent of all the factory employment reported
A series, based on 1924 as 100 , was published in the 1932 Annual Supplement on the Survey for the period 1924-31 for Maryland only. Earlier monthly data for the series given in the present volume appear on p. 18 of the December 1932 issue. ${ }^{2}$ Compiled by the Illinois Department of Labor, based upon monthly reports from a representative list of manufacturing establishments submitting pay-roll innlinois represent reep ending nearest the 15 th of the month. Current indexes for ployed an averare of 303,879 wage earners (production employees only) whose avere ployed an average of 303,879 wage earners (production employees only) whose average weekly pay roll amounted to $\$ 6,622,616$. Based upon the 1983 Federal Census of Manufactures, the employment index represented 47.1 percent of alk wage earners
engaged in manufacturing industries of the State, and the pay-roll index represented engaged in manufacturing industries of the State, and the pay-roll index represented
44.7 percent of the wage payments. Current indexes for the city of Chicago repre44.7 percent of the wage payments. Current indexes for the city of chicago repre-
sented reports from about 1,223 manufacturing plants which in 1935 employed an average of 171,936 wage earners (production employees only) wbose average weekly pay roll amounted to $\$ 3,959,281$. Based upon the 1983 Federal Census of Manufactures, the employment index represented 42.8 percent of all wage earners engaged in manufacturing industries of the city, and the pay-roll index represented 42.6 percen of the wage payments. The employment and pay-roll indexes for both Illinois and the city of Chicago are link relatives computed from a comparison of identical firms for 2 consecutive months. The list of actual firms varies from time to time, but most firms report regularly. The indexes are not adjusted for seasonal variation or to the trends shown by the Federal Census of Manufactures, and are not weighted. The base period for both indexes is the average for the 3 years 1925-27. The indexes ment and way rols. The aric date for averas welly earnings for nlinois aploy average for the 3 years $1925-27$, which is $\$ 28.36$ taken as 100 . Indexes are stated in terms of this fixed figure.
Earlier monthly data for Chicago are on p. 20 of the June 1033 issue of the Surver. The State data are in the 1932 ANNUAL SUPFLEMENT
${ }^{3}$ Compiled by the Cleveland Chamber of Commerce, based upon monthly reports from 100 large concerns representing the Cleveland Industrial Area (Cuyahoga County). The figures are for a representative working day in the latter part of county). The fonth and include wage earners and, in many cases, off ce employees engaged in manufacturing and nonmanufacturing (2 public utilities) industries. The list of reporting firms has remained theoretically identical since the fixed list was es tablished in January 1921. The index numbers are computed by the fixed-base, fixed-list method; they are not adjusted for seasonal variation, or to the trends shown
by the Federal Census of Manufactures, and are not weighted. The number of workers during the base period (3-year average, 1923-25) for the list of reporting concerns is 76,285 . About 10 percent of the employees are engaged in the nonmanu
facturing industries; the rest are in manufacturing and represent about 40 percent facturing industries; the rest are in manufact
Earlier monthly data (back to 1921) are on p. 19 of the July 1934 issue
4 Compiled by the Detroit Board of Commerce, based upon monthly returns from 57 representative manufacturing establishments covering an area which approximates Wayne County. The reports are for the number of men employed on the last day
of each month. Based upon the 1983 Federal Census of Manufactures, the earners employed represented about 75 percent of all the factory workers in that area. Data have not been adjusted to the tronds shown by the Federal Census of Manufactures, but a comparison revealed that they were reasonably consistent. The index numbers are computed by the fixed-base, fixed-list method; they are not adjusted for seasonal variation, and are not weigh
average for 156 weekly reports for the 1923-25 period.

Monthly date prior to 1932 are in the 1932 AnNUAL SUPPLEment of the Surver
Compiled by the Industrial Commission of Wisconsin, based upon monthly re ports from a representative list of manufacturers for Wisconsin who employ about
the 15 th of the month. Manusi employees only are included. Index numbers are computed by tho fixed-base, fixed-list method; they are not adjusted for sensonal
variation or adjusted to the trends shown by the Federal Census of Monufactures, variation or adjusted to the trends shown by the rederal Census of Manufactures,
but a comparison of these data with those of the Census reveals that they are reason ably correct. The indexes are weighted averages of relatives. Average weekly earnings are computed by dividing the aggregate of pay rolls for a given industry or group of industries by the aggregate of employees for the same unit. Indexes ures for the canning and preserving industry are excluded from the data for Milwau keo. On Dec. 15, 1935, reports were received from 478 manufacturing plants in Mil waukee which employed 66,794 wage earners (manual employees only) whose tota average for the 3 years 1925-27
Monthly data for the period $1926-30$ for Milwaukee is on p. 18 of the December
1932 issue. Farlier monthly figures on Wisconsin are in the 1932 issue. Farlier monthly figures on Wisconsin are in the 1932 SUPPLEMENT. - Compiled by the New York State Department of Labor, based upon monthly reports from representative lists of manufacturers who employ approximataly 38 percent of all the factory workers in the State and approximately the same percent-
age anplies to New York City. Since 1014 the representativeness of the lists has age applies to New York City. Since 1914 the representativeness of the lists has
beon ehecked by comparison with the Federal Census of Manufactures. Beginning been ehecked by comparison with the Federal Census of Manujactures. Beginning
with 1935 the reports cover 1 weak nearest the loth of the month, and for prior years the week including the 15th of the month. These reports include employees in botn office and shop. Executives and salesmen are omitted from the reports, and adminare included with the shop. The list of reporting firms has remained theoreticaliy are intical siuce the fixed list was established in January 1917, excepting one general revision made in January 1030. Average weokly earnings are computed by divid ing the aggrecete of pay rolls for a given industry or group of industries by the aggre gato of employees for the same unit. Current indexes for New York State repre gato of omployees for the same unit. Current indexes for New York State repre
sent reports from 1,919 firms, which in 1935 employed 391,220 persons and whose weekly pay roll amounted to $\$ 9,532,824$; average per capita weekly earnings were in 1935 employed 138,572 persons and whose weekly pay roll amounted to $\$ 3,601,210$ average per capita weekly earnings were $\$ 25.98$. Lndex numbers are computed by the fixed-base $0 x e d-1$ st method; they are unweighted and are without seasonal adjustment. The base period for both indexes is the average for the 3 years 1925-27.
Monthly data for 1923 to 1931, except for pay rolls for New York City, are in the 1932 Monthly data for 1923 to 1931, except for pay rolls for New York City, are in the 1932 ANNUAL SUPPLEMENT TO THE SURVEY; monthly data for pay rolls for
Juno 1914 through December 1931, are on p. 20 of the June 1933 issue
${ }^{7}$ Compiled by the Federal Reserve Bank of Philadelphia from original reports collected monthly by the bank in cooperation with the United States Bureau of Labor Statistics and the Pennsylvania Department of Labor and Industry. The reports represent the Philadelphia industrial area, (Bucks Ohester, Delaware, Montgomery, and Philadelphia Counties, and covor I pay-roll period ending nearest the loth of the minuous saries from 1923 to date, are based upon reports from over 800 manufactur ing plants representing 66 major industries, which in 1935 employed over 145,000 wage earners and whose total pay roll amounted to approximately $\$ 165,108,000$. Estimated on the basis of the 1998 Federal Census of Manufactures, the employment index represented about 51 percent of all workers ongaged in the manufacturng in the wage payments. The indexes are constructed from combined totals by the use of the fixed-base method and are not weighted. The indexes are not adjucted for seasonal
variation, but they have been adjusted to the Federal Census of Manufactures from variation, but they have been adjusted to the Federal Cersus of Manufactures from
1923 through 1931 , ond are being similarly adjusted to subsequent censuses. The base period used for the indexes is the average for the 3 years $1923-25$ taken as 100 . Monthly data for 1923 to 1020 are on p. 19 of the September 1933 issue of the SURver data for 1930 and 1031 are on p. 20 of the March 1935 issue. ${ }^{8}$ Compiled by the Frederal Rescrve Bank of Pliladelphia from original reports col tics and the Pennsylvania Department of Labor and Industry. The reports represent the Pittsburgh industrial area (Allegheny, Armstrong, Beaver, Butler, Fayette, onding nearest the 15 th of the month. All pay-roll figures are reduced to a weekly onding nearest the 15 th of the month. All pay-roll figures are reduced to a weekly
basis. The indexes, in a continuous series, are based upon reports from about 340 manufacturing plants representing 49 major industries, which in 1935 employed about 102,000 wage earners and whose total pay roll amounted to approximately $\$ 110,057,000$. ander ing industries of that area, and that of wage payments represents approximately 48 percent of the total wage payments. The indexes are constructed by the use of the weighted. The indexes are not adjusted for seasonal variation, but they have been adjusted to the Federal Census of Manufactures from 1923 through 1931, and are
being similarly adjusted to subsequent censuses. The base period used for the being similarly adjusted to subsequent censuses. Th
indoxes is the average for the 3 years 1923-25 taken as 100 .
Monthly data for the period 1923-29 are on p. 18 of the January 1934 issue; data for 1030 and 1931 are on p. 20 of the March 1935 issue

Compiled by the Feceral Reserve Bank of Philadelphia from original reports col leoted monthly by the bank in aooperation with the $U$. S. Bureau of Labor Statis tics. The reports represent the Wilmington industrial ares, (New Castie County) and cover 1 pay-roll period ending nearest the 15 th of the month. All pay-roll fg.
ures are reduced to a weekly basis. The indexes, in a continuous series from 1923 to date, are based upon reports from approximately 56 mannfacturing plants repre to date, are based upon reports from approximately 56 manufacturing plants repre-
senting 28 major industries, which in 1935 employed over 9,000 wage earners and whose total pay roll amounted to about $\$ 9,901,000$. Estimated on the basis of the percont of all workers enanufactures, the employment index represented about 65 pay-roll index represented approximately 67 percent of total page payments. The indexes are constructed from combined totals by the use of the fixed-base method and are not weighted. The indexes are not adjusted for seasonal variation, but they have been adjusted to the Federal Census of Manufactures from 1923 through 1931 and will be similarly adjusted to subsequent censuses. The base period used for
the indexes is the average for the 3 years $1923-25$ taken as 100 . Monthly data for 1923 to 1931 are on p. 20 of the November 1936 issue of the SURver.
10 Compiled by the Federal Reserve Bank of Philadelphia from reports collected monthly by the bank in cooperation with the $U$. S. Bureau of Labor Statistics. The data are reduced to w pekly basis. The indexes, in a continuous series from 1923 to date, aro based upon reports from about 68 manufacturing plants representing 28 industries, which in 1935 employed almost 9,800 wage earners and whose total pay roll amounted to about $\$ 10,310,000$. Estimated on the basis of the 1989 Federal Census of Manufactures, the employment index represented about 56 percent of all workers
engaged in the manufacturing industries of the State, and the pay-roll index represented approximately 62 percent of the total wage payments. The indexes are constructed from combined totals by the use of the link-relative method, and are not weighted. They are not adjusted for seasonal variation, but theyhave been adjusted to the Federal Census of Manufactures from 1923 through 1931, and will be similarly adjusted to subsequent censuses. The indexes for average weekly earnines are also total pay roll for all reporting establishments in the State by the average number of total pay roll for all reporting establishments in the State by the average number of
wage earners working during the pay-roll period. These indexes, likewise, are not wage earners working during the pay-roll period. These indexes, likewise, are not at the Federal Census of Manufactures; therefore no adjustment has been made in the indexes since first constructed. The base period used for all the indexes is the
average for the 3 years 1923-25 taken as 100. Monthly data for 1923 to 1027 are in tho September 1933 issue; and data for 1930 and igal are on p 20 and 1029 are on p . 19 of the 11 Compiled by the Iowa Bureau of Labor basel upon monthly reports from betweon 290 to 310 concerns encaged in manufacturing, trade, and nublic service (not governmental work) industries which represent 50,000 workers (executives only excluded) in the State. Approximately 80 percent or 40,000 workers are employed in the manufacturing industries and the remaining 20 percent in trade and publie servico. 13ased upon the Frederal Census of Manufaclures the indexes represent approximately 20 percent of the total manufacturing, trade, and publie service omploynnent in Iowa. A higher percentage of 25 percent is obtained when the manufacturing industries aione are considered. Firms are requested to report the number of persons on their pay rolls as of the 15th of the month or the closest prior pay day. The indexes are contstructed by the link-relative method and are based upon reports of identical firms variation or to the trends shown by the F'ederal Census of Manufactures. The base variation or to the trends shown by the F'ederal Census of Manufactures.
period for these indexes is the average for the 3 years 1923 - 25 taken as 100 .
12 Index these indexes is the average for the 3 years 1923-25 taken as 100
ries, based upon raturns from a raprosentative list of manufacturinte establidindensries, based upon returns from a representative list of manufacturing establishiments
 ending nearest the ments are covered by the reports, or a representation of about 20 percent. These establishments employ approximntely 260,000 wage carners, or about 56 percent of the total factory workers in the State, and the amount padd for weekly wages is about $\$ 5,350,000$. Office workers assig
Because of unavoidable changes in the list, the index numbers are coniputed by the link-relative method. Indexes for employment are adjusted to the annual State census of manufactures through 1934. The index numbers for total amount paid in wages are derived from a computation of employment times average weekly earnings.
The indexes are unweighted, and no adjustment is made for seasonal variation. Monthly data for the period 1026-30 are on p. 18 of the December 1932 issue; 1931 data are on p. 19 of the august 1933 issue.
collected monthly by the bank from 1923 to of Philadelphia on the basis of reports collected monthly by the bank from 1923 to 1926 , and since 1026 by the New Jersey Bureau of Statistics ond Records, of the Department of Labor. The reports cover 1 pay-
roll period ending nearest the 15 th of the month, and all pay-roll data are reduced to roll period ending nearest the isth of the month, and all pay-roll data are reduced to reports from approximately 754 manufacturing plants representing 56 industries, which in 1935 employed approximately 222,000 wage earners and whose total pay roli amounted to $\$ 257,740,000$. Estimated on the basis of the 1033 Federal Census of Manufactures, the employment index represented about 65 percent of all ware earners engaged in the manufacturing industries of the State, and the pay-roll index reprerom combined totals by the use of the link-relative method, and aro zot weiphted They are not adjusted for seasonal variation, but they have been adjusted to the Federal Census of Manufactures from 1923 through 1931 , and are being similarly adjusted for subsequent censuses. The indexes for ayerage weekly earnings are also constructed by the link-relative method from dollar figures derived by dividing the total pay roll for all reporting establishments in the State by the average number of wage earn rs working during the pay-roll period. These indexes, Jikewise, are
not corrected for seasonal variation. Data for avoruge weekly earnings are not collected at the Federal Census of Manufactures; therefore no adjustment has been made in the indexes since first constructed. The base period used for all indexes is he average for the 3 years 1923-25 taken as 100 . Monthly dats for 1923 to 1927 are in the 1932 ANNUAL SUPPLEMENT TO THE SURVFY; data for 1928 and 1020 are on 1.19 of the
September 1933 issue; and data for 1930 and 1931 are on 20 of the March 1935 issue. September 1933 issue; and data for 1930 and 1931 are on $p$. 20 of the March 1935 issuc.
14 Compiled by the Ohio State Unitersity, Bureau of Business Research, based upon monthly reports from a representative list of manufacturing establishments to the U. S. Bureau of Labor Statistics. The reports cover the number of persons on the pay roir the 15th of the month or nearest representative day. The indexes are based approximately 350,000 wage earners. Estimated on the basis of the 1983 fiederal Census of Manufactures, current indexes reprasent about 60 percent of all factory wage earners of the State. The indexes are constructed by the link-relative method. They are not weighted, are not adjusted for seasonal variation, and are not adjusted to the level as shown by the Ferleral Census of Manufactures. Tho base period is the monthly average, 1926 taken as 100 . A
is Compiled by the Frederal Reserve Bank of Philadelphia from original roports collected monthly by the bank in cooperation with the U. S. Bureau of Labor Statistic* and the Pennsylvania Department of Labor and Industry. The roports cover 1 pay-roll poriod ending nearest the 15th of the month, and all pay-roil data are reduced to a weekly basis. The indexes, in a continuous series from 1923 to date, are based upon reports from over 2,200 manufacturing plants representing 68 major industries, which
in 3935 omploved approximately 443,000 wage carners and whose total pay roll in 1935 employed approximately 443,000 wage carners and whose total pay roll
amounted to $\$ 459,969,000$. Estimated on the vasis of thi 1089 F'ederal Census of Manufactures, current indexes represent about 54 percent of all workers and their earnings in the manufacturing industries of the State. The indexes are constructed yortance of the industry to all m, and aro int accordin the portance of each industry to all manuincturing industrios in the State. They are Manufactures, from 1923 through 1931 and will be similarly adjusted to subsequent censuses. The indexes for average weekly earnings are constructed by the linkrelative method from dollar figures derived by dividing the total pay roll for all reporting establishments in the State by the average number of wage earners working during the pay-roll period. These indexes, likewise, ure not corrected for soasonnl of Manufactures; therefore no adjustment has been made in the indexes since first constructed. The base period used for all indexes is the average for the 3 years $1923-25$ taken as 100. Monthly data for 1923 to 1929 are on p. 19 of the September 1933 issue of the SURVer; data for 1930 and 1931 are on p. 20 of the March 1933 issue.
108 -month average, May-Decamber.
is Figure is an average for 11 montis-January through May and July through December. Data for the month of June 1922 are not available, since the period of December. Data for the month of June 1922 are not available, since the per

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${ }^{1}$ Compiled by the U. S. Deparlment of Labor, Bureate of Labor Statistics, and with the exception of information for the anthracite mining industry (which is obtained through the Anthracite Institute) are based upon monthly reports received directly from reporting firms or through State bureans. The returns cover the pay than 1 week, the total earnings reported are reduced to the equivalent of 1 week's earnings. The industry indexes are month-tomonth link relatives, which in turn, are compounded into chain relatives; they are not adjusted for seasonal variation, and with the exception of the composite index for retail trade, are unWeighted. Pertinent information relative to each of the nonmanufacturing indus-
tries, and for industries which have been adjusted to the trends shown by the Federal Census data is shown in separate notes for the respective industries. Since the number of establishments and the amount of employment vary from month to month, the figures quoted in these notes for the number of reporting establishments and the percentage that the number of persons employed by them is of the totaj
employunent in the industry, are estimates based upon data reported during the year 1935. The base period for the indexes of employment and pay roils for all of the non(not index numbers) for employment and pay rolls, by States, for the nonmanufacnot index numbers) for employment and pay rolis, by states, for the nonmanufacand data by months and by States for the brokerage, insurance, and building-construction industries. (for which index numbers are not available are shown in the Afonthly Labor Review and in a monthly bulletin entit
Rolls", published by the $U$. S. Bureau of Labor Statistics.
Monthly figures for 1929 and 1930 for the mining and public utility groups are in the 1932 ANNUAL SOPPLEMENT; for 1930 figures on retail and wholesale trade, see f. 20 of the March 1935 issue; and for hotels for 1929 and 1930 , see p. 20 of the September 1935 issue. Comparable data for laundries and dyeing and cleaning establishments prior to 1931 aro not available
${ }^{2}$ Data for anthracite mining, as previously stated, are obtained through the $A n$ thracite Institule, and the reports are in the form of duplicates furnished by the com panies operating 160 niines situated in Pennsylvania; omployees represent 98 percent of the estimated wage earners in the industry. The wage earners in the 1,370 bituminous coal mines reporting comprise 65 percent of the estimated total employed in quarries and nonmetallic mines the sample includes 67 percent of the estimated total. quarries and nonmetallic mines the sample includes 67 percent of the estimated total. In the crude-petroleum industry reports were received from 330 establishments; Fedcoverage cannot be supplied. Employment data for all industries represont wage coverage cannot be supplied. Employment data tor all industries represont wage nical, or piofessional personnel, and for the crude-petroleum producing industry; employees engaged in rig building and the drilling of new wells also are excluded, but the fleld force is included.
Reports were received from 12,300 public-utility establishments representing all employees, including executives. The coverage for electric light and power and manufactured gas is 90 percent of the industry; electric- and motor-bus operation and maintenance, 70 percent; and telephone and telegraph, 70 percent.
${ }^{4}$ Reports for retail and wholesale trade cover all employees, Including executives.
Reports from 53,200 retail establishments employ 28 percent of all estimated worker Reports from 53,200 retail establishments employ 28 percent of all estimated workers engaged in this industry; reports from 15,900 whoiesale concerns represent 22 percent of the total estimated employees in wholesale trade. The indexes for retail and Wholesale trade have been adjusted to conform to the trends shown by the Bureau of follows: (1) The general merchandising group, which includes department stores, follows: (1) The qeneral merchandising group, which inciudes deparment stores, trade other than general merchandising The composite index for retail trade is weighted according to the respective importance of the two subdivisions.
welghted according to the reports for dyeaning plants and for laundries cover plant operatives, drivers, or route men, engineers, firemen, porters, janitors, watchmen, and elevator operators, but office employees, executives, managerial, supervisory, technical or Reports from 690 dyeing and cleaning plants employ 35 percent of the estimated United States total, and reports from 1,300 laundries 37 percent. The indexes for dyeing and cleaning establishments and for laundries have heen adjusted to the 1931 census roported by the Bureau of the Census. Reports from 2,335 hotels cover 60 percent of all employees, including executives, estimated as the total employed in year-round hotels having 25 or more, guest rooms; indexes have bean adjusted to co Cersua for 1929 and 1033 or the Census for 1929 and 1933. Data for hotels operating only a limited time during shown in this table in order to have a series comparable with census data for 1929 and 1933, are available upon request to that Bureau.

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Compiled by the Ohio State University, Bureau of Business Research, based on monthly reports from firms engaged in general contracting, employment in which follows very closely the trend in the entire construction industry of the State. Reports cover wage earners engaged as mechanics, artisans, laborers, and foremen, and part-time workers are reduced to a full-time basis for the week including the 15 th of each month. The indexes are based upon reports from 1,200 firms in 5 major cities,
which in 1935 employed approximately 7,000 wage earners. The indexes are conwhich in 1935 employed approximately 7,000 wage earners. The indexes are con-
structed by the link-relative method. They are not weighted, and are not adjusted structed by the link-relative method. They are not weighted, and are not adjusted
for seasonal variation. The base period is the monthly average, 1926 taken as 100 . for seasonal variation. The base period is the monthly average, 1926 taken as 100.
See the 1932 ANNUAL SUPPLEMENT OF TEE SUBVET for monthly data, back to 1923. See the 1932 ANNOAL SUPPLEMENT OF TEE SUBVET for monthly data back to 1923.
: Compiled by the U. S. Department of Agricutture, Bureau of Agricultural Economics, based upon reports for the 1st of each month from over 30,000 crop reporters The reports represent the estimated number of hired labor (family labor excluded) of crop reporters are somewhat above the average farm with respect to the acreage, livestock numbers, and general farming operations.

See the 1932 ANNUAL SUPPLEMENT for monthly data back to 1924.
Compiled by the U. S. Department of Agriculture, Bureau of Public Roads and represent the number of persons employed directly on various classes of road work under the supervision of Federal and State agencies. The figures for road oonstruction represent those employed on Federal (national forest and national park), Fed-
eral-aid, State, and State-aid roads; those for maintenance are for persons employed eral-aid, State, and State-aid roads; those for maintenance are for persons employed
on State roads only. Data represent theaverage number of persons reported durin on State roads only. Data represent theaverage number of persons reported during the month on each project. Comparable data for the series here shown are available for months by States, and employment for the various classes of road construction
mentioned above aiso are published by the Bureau of Public Roads, by months, and mentioned

Monthly data for 1931 are on p. 19 of the June 1933 issue.
Compiled by the $U$. S. Civil Service Commission and represent the number of employees in the Federal executive civil service, which includes both the permanent (or emergency) and the temporary positions; classified (subject to competitive exaxamination by law or Executive order). Figures do not include the legislative judicial, or military (uniformed) branches of the Federai Government, or the employees of the District of Columbia government. The data presented in this SUP plement differs from those previously shown in the SuRvey of Current Business, due to the following revisions: Figures for "total U. S." and "In District of Columbia" from June 30, 1928, through April 30, 1935, were revised to include a small num ber of certain unclassified employees reported subsequent to the compilation of the original figures; those for "total U. S." for June 30, 1921, through March 31, 1932 were further revised to exclude between 32,000 and 34,000 postal contractors of various
types and clerks in third-class post offices. Data for 1913, 1915, 1916, and 1922 to types and clerks in third-class post offices. Data for 1913, 1915, 1916, and 1922 to 1924, inclusive, are for the number of persons on the rolls June 30 each year; for 1918 ,
those on the roll Nov. 11; for 1920 and 1921 , those on the roll July 31 . The monthly those on the roll Nov. 11; for 1920 and 1921 , those on the roll July 31 . The monthly monthly averages for the years 1925 through 1935 were computed from these monthly monthy averages for the years 1925 through 1935 were computed rom these monthly mgures. subdivided into permanent and temporary, were published by the Civil Servic Commission. Data for total employment prior to 1913 likewise are available, but bave not been published,
Compiled by the Ynterstate Commerce Commission and represent the number o persons, excluding executives, officials, and staff assistants, for the class I steam ere for those on the pay roll at the middle of the month. Statistics for the separate
classes of employees (executives, officials, etc.) are not available prior to July 1921, and for this reason fgures for the years 1913 to 1921 comparable with those for later years for years priornnot be compiled. Deita for total omployment (including all olasses) also index numbers of employment for these railways which include all employees (executives, oticials, etc.), but which exclude the switching and terminal companies of such railways. Monthly data for 1921 to 1931 are on p. 20 of the November 1936 issue.
Compiled by the Interstate Commerce Commission and represent all employees
(Including executives, offlals, and staff assistants) for the class I steam railweys xoluding executives, offcials, and staff assistants) for the class I steam railways he pay roll at the middle of the month. The base period for the indexes is the monthly average for the 3 years 1923-25 taken as 100. The unadjusted index is not adjusted for seasonal variation; the adjustment refers to correction for seasonal varia ion, which adjustment is based upon the normal seasonal variation in the period 1924-32, inclusive. Monthly data for 1923 to 1931 are on p. 20 of the April 1936 issue.
7 Data are from the American Federation of Labor. The trade-union reports show the percent of union members unemployed, and these figures have been inverted to the percent of union members unemployed, and thes
The Federation's percentages of members unemployed are based upon reports collected from 24 important industrial cities and cover approximately $1,000,000$ members. These date are considered representative of unemployment of members the Federation as a whole, although the figures during the depression probably do ployed dropped their membership and hence were subsequently not included. It may be noted that the American Federation of Labor does not include as uneniployed those members involved in strikes and lockouts, and therefore these members are included as employed in the series here shown; the number so involved is ordinarily ot very large.
Monthly data for the period 1928-31 for the groups are on p. 18 of the December 1932 issue. For the other 2 series monthly data prior to 1932 are in the 1932 ANNUAL UPPLEMENT OF THE SURVEF
3-month a verage. October-December,
Average of months shown.
10 Approximate.
10 Approximate
t1 11-month average, February-December

## Page 35

See note 1 for p. 41. . Department of Cabor, Bureau of Labor Statistic., based upon notices or leads regarding strikes from 670 daily papers, labor papers, and trade entatives of all parties in the disputes ln order to get detailed and first-hand informetion. Strikes involving fewer than six workers or lasting less than 1 day are not included. The tarm "strike" is here used in the generic sense to include all stoppages of work due to labor disputes, whether initiated by the employers (lockouts) or by the workers. These data represent the number of strikes in progress during the month; however, series showing the number of strikes beginning prior to the month, beginning irr the month, those ended in the month, and those effected at the end of the month, together with statistics for workers involved beginning in the month, industry and occupational classifications, and other information relative to indus-
trial disputes, are presented in the Monthly Labor Review published by the $\mathcal{U} . \mathbb{S}$. Department of Labor.
Dompiled by the U. S. Department of Labor, United States Employment Service, Which operated about 700 urban and district offices and some 1,000 additional branches and temporary offices during December 1935. The operating organization is composed of 2 major branches. The first consists of State employment services, Wagner-Peyser Act, whereby State appropriations are matched within limits, after the State service has conformed with the Federal operating standards. These State Employment Services functioned in 34 States during 1935. The second operating division is the National Reemployment Service, a Federal organization. Offices of this service provide employment service in portions of the affiliated States not covered by the State Employment Services and give complete coverage in all other States. By agreement with the Works Progress Administration, from May 1935 through May 1936, all certified relief recipients were registered and were included in the active file. After June 1936, registrations of relief recipients are on a voluntary Revie. Statistics by States, industries, etc., are presented in the Monthly Labor Review, published by the U. S. Department of Labor.
4 Compiled by the U. S. Department of Labor, Bureau of Labor Statistics, based npon monthly reports from over 2,500 representative manufacturing establishments, covering 144 industries and employing approximately 1,500,000 workers. Reporting establishments are requested to omit omce employees, when practicable, but to include temporary help, part-time workers, and employees in training. These
data represent a general rate each month for the 144 manufacturing industries comblned, in which a balanced proportion is given to the several industries included. The items of separation and accession are divided by the average number on the pay roll to get the rate per 100 employees for the month. In compiling the rates, the actual numbers for the several establishments are added and the general rates computed from the grand total. The definitions adopted by the Bureau of Labor Statistics for the various captions used in this table are as follows: An accession means the hiring of a new employee or the rehiring of an old employee; a quit is a termination of employment, generally initiated by the worker because of his desire to lesve, but somethe will to his physical incapacity; a discharge is a termination of employment at the will of the employer, with prejudice to the worker because of some fault on the part of the worker; a lay-off is a termination of employment at the will of the an indefinite lay-off, and a short definite lay-off with name of the worker removed an indefinite ay-of, and a short defnite lay-oif with name of the worker removed
from the pay roll, are counted by the Bureau as lay-offs; a short, deanite lay-off with the name of the worker remsining on the pay roll is not counted as a separation) In addition to the general rates for the 144 manufacturing industries combined as shown in this SUPPLEMENT, the Bureau of Labor Statistics publishes in the Monthly Labor Review turn-over rates (por 100 employees) for each of 13 manufacturing industries. For these selected industries the Bureau's sample covers firms account ing for at least 25 percent of the total number of wage earners employed in these ndustries.
Monthly data for the period June 1929 to December 1831 are on p. 20 of the Apri
1935 issue. 1935 issue.
87 -month sverage, June-December.
1 Figures for these months are partis estimated.

## Pages 36, 37, 38

See note 1 lor pp. 29 30, 31 above.
Page 39
The descriptlve notes applying to this table are shown on the employment tab (See p. 32.)
28 -month average, May-December.
5 -month average, August-December
4 7-month average, June-December.
16 -month average, July-December.
Page 40
1 The descriptive notes are shown on the employment table. (See p. 33.)

## Page 41

: Compiled by the National Industrial Conference Board, based upon monthly reports from a rapresentative list of manufacturers. The reports cover pay-roll data for the first full week in oach month or, if a generally recognized holiday falls in that week, upon the succeeding week. Wherever a plant's pay roll is not reported weekly, but semimontbly or monthly, the figuros aro reduced by the Conference Board to a woekly basis, taking into account any lolidays that may fall in the periods covered. Infor mation is roquestod for wafe earners only; all executives, oftice and sales force, fore-
mon and their assistants, if paid on a salary basis, are excluded. Wage data are for cash payments only and do not take into consideration the value of such wage equiva lents as reduced or free house rents or other special services rendered by the company to omployoes. Some companies report only for all their wage oarners combined and not separately for each of the three labor groups. This restults sometimes in slight discrepancius botwoen the averages for all wage earners combined, as given; and such averayes as might be obtained ly combining the results of the separate labor sroups Current lata covor over 2,000 manufacturing plants representing 25 industries, which in 1935 employed about $1,532,000$ wage earnors. Estimated upon the basis or the 1038 Federal Census of Manujactures, current data represent about 20 percen of all the factory wage earners for the United States. The averages are computed by weiphing the averace weekly earnings, average hourly earnings, or the average induastry s pevealed by the Jiederal Census of Manufactures for 1923 . In addition industry as rovealed by the leceral Census of Manufactures for 1923 . In addition, each libor group is weighted according to the relative proportion of the group in
each industry as revealed in the Conference Board's studies during the 3 -year poriod 1027-29. The index numbers are constructed by the fixed-base method, and the base period is the monthly average for the year 1923 taken as 100 . A detailed explanation of the methods used in the computation of each series of figures may be found in the report published by the Conference Board, entitled "Waqes, Hours, and Employment in the United States, 1914-1036.'
Monthly data prior to 1932 are on pp. 17-19 of the October 1936 issue of the SURVEY The notes applying to these series are shown on the employment table. (See p. 32.)
${ }^{7}$ Data are for July 1914 only.
4-montl average, June-Decomber.
I 6 -month average, July-December.

## Page 42

1 Compiled by the Engineering News Record, and represents the hourly wages of both commonandskilled labor in the construction industry as of the 1st of each month Both tho skilled and common ratos aro the arithmetical averge of wages actually paid in 20 cities, as follows: New York, Boston, Philadelphia, Baltimore, Atlanta, las, Minneanolis, Denver, Scattle, San Francisco, Los Angeles. Pittsburgh, and New las, Minneapolis, Denver, Scattle, San Francisco, Los Angeles, Pittsburgh, and Liew
Orieans. Ihose data are compiled from monthly reports of correspondents in the 20 Orleans. Those data are compiled from monthly reports of correspondents in the 20 citics as to wage rates. Where union wages are actually paid, they are used, along
with nonunion rates if the latter are used on many jobs nader construction. The with nomunion rates if the latier are used on many jobs ander construction. exise The skilled ratos are the average of 3 trades-carpenters, bricklayers, and structural Ironworkers- the 3 principalskilled trades in heavy construction.
Monthly data for the period 1922-31 are presented on p. 19 of the September 1933 issue of tho Surver.
${ }_{3}$ Compiled by tlie U. S. Department of Agriculture, Bureau of Agricultural Eco nomics; based upon reports by crop reportars and represent the average farm wage rate (without board) of hired labor. Prior to 1923 the inquiry regarding farm wages was made annually; beginning with 1923, it has been made quarterly on the 1st of January, A pril, July, and October. The yoarly averages through 1922 are average for April, July, and October of the current year, and January of the following year. A complete description of the inquiries made for farm wage rates showing, also, data beginning 1866 for the serles here presented, average ware rates with board, average wage rates per day with and without board, and index numbers based upon a
weighted averago wage rate per month, wero published by the U. S. Department of Agriculture in Crops and Markets, July 1925, p. 216.
Quarterly data for the period 1923-31 are in the 1932 ANNUAL SUPPLEMENT OF TEE SURyEy.
${ }^{8}$ Compiled by the Interstate Commerce Commission and represent average hourly earnings of persons omployed by the class i steam railways, including the switching and terminal companies of these railways. These data were computed from the number of persons (excluding executives, officials, and staff assistants) on the pay roll at the middle of the month. Statistics for separate classes of employees (executives, oflacials, etc.) are not available prior to July 1921, and for this reason figures for the yours 1913 to 1921 comparable with those for later years here shown cannot be computod. Dath ir a Weur wage cut made in 1032. The partial restoration was effective July 1, 1934. Another 34 of the 10 -percant cut was restored on Jon. 1,1835 , and the remalnder was restored
 offected by ohanges in the proportions of employees in each wage group, as well as by changes in wage rates.

## Monthly data July $1821-31$ are on p. 20 of the November 1936 issue

-Compiled by the U. S. Department of Agriculture, Burecu of Public Roads. Data beginning January 1022 to date represent common labor in rosd building; prior to 1922 data included reports on farm labor or other forms of common labor closely corrolated, as reported to the United States Dapartment3 of Agriculture and Labor. Wage rates beginning January 1922 through February 1032 were taken from Federalaid projects reports; beginning March 1932 through December 1933 State projects reports were included; and beginning January 1934 to date, from Public Works Projects reports. The increase in wage rates beginning January 1934 was due to proax minimum wage scales. ax melier monthly data
(prior to 1032) aro in the 1032 ANNOAL SOPPLEMENT Or THE
${ }^{-1}$ Reported by the U. S. Steel Corporation and represent the basic wage rates per hour paid common labor in the Pittsburgh district. The rates through September 1918 and from July 16, 1921, to Angust 16, 1923, apply to a 10-hour day; the period Oct. 1, 1018, to July 16, 1921, are the average rates applied to a basic 8-hour day with
time and a half for overtime, and beginning Aug. 16, 1923, they apply to an 8 -hour day only.
Monthly data for 1923-31 are in the 1932 annoal Suppleminti of the SURvey.

- Reports are issued by The Western Sheet and Tinplate Manufacturers Association, Youngstown, Ohio, and the data are compiled from information furnished by this assiciation and district but represent the percent above or below the fixed base rate of prices received for steal shaets by the mills from reports of shipments for each 60-day period. The base rate of steel sheets varies from time to time, being determined at the annual conferences between the 2 associations mentioned above, as follows: It is agreed that the actual average invoiced selling price of $26-, 27$-, and 28 -gage plain sheet steel, $\ell .0$. b. mill, is $\$ 2.15$ per 100 pounds. A general scale for tonnage rates per unit of 1,000 pounds is determined with 13;-percent increase for each member of the crew for each 5 cents per 100 pounds advance above the said $\$ 2.15$ selling price, and 115 -percent decrease for oach rumber of the crew for each 5 cents per 100 pounds decline in selling price, to 81.80 selling price per 100 pounds. Where there are local conditions that
prevent the full application of this general scale, local arrangements are effected by the proper officials of the Amalgamated Association of Iron, steel, and 'Tin Workers and the company

解 1923 -31 are in tho 1932 Annual. Surilement of the UREY
${ }^{3}$ Figures do not represent the average for the 4 wage rutes shown for the year (See note 2 above.)

## Pages 43, 44

${ }^{1}$ Compiled by the American Acceptance Council and ropresent the total accoptance liability of banks, bankers, and arencies of forelima banks. These data are roported monthly in the council's Acceptarce Bu'letin. They aro shown also in the monthly bsues on down in the classification of acceptances as to thown in tho Acceptunce Bulletin oxports. on oodse chanication exports; on goods stored in the cnited states (warehouso credits) or shipted betwoen
domestic points; on dollar exchange; and on goods stored in foreign countries or shipped between foreign points.
Monthly data are on pp. 72-73 of the 1932 AnNoal Supmizmbint of tife Sunver
The American Acceptance Council, which compiled these data for many years, ended its general functions, services, and orfinization identity on July 1,1930 of acceptances is being continued by the monthy by this ormanzation on the volum summary reported in buletins of the Federal Rescrre Dumh; in Lianking, mublished by the American Bankers Association; and in the Federal R'cscric Bulletin, published by the Board of Governors of the Federal Reserte System.
Federal Reserve banks are from the consolidated balance sheets of the bhe data on data on acceptances held by accepting bankz wore suppliled to the Board of Governors of the Federal Reserve System by the A merican Acceptance Council.
Monthly data are shown for the period 1927-31 in the 1932 AnNJAL Suprlement or the Surver, together with monthly figures on acceptances hold by accepting banks for the period 1923-26
2,8 and 4 . 2, 8 , and 4
plied by the Fed the Board of Governors of the Federal Reserre System from data sup plied by the Federal Reserve Bank of New York ou the basis of reports from leading in January 1922 was 26 . This number was reduced in Jauuary 1928 to 25 ; in May n 928 to 24; In December 1928 to 23; in January 1030 to 21 ; in December 1930 to 20 in October 1931 to 19; in January 1932 to 18; in February 1932 to 17; in March 193 in October 1931 to 19; in January 1932 to 18; in February 1932 to 17; in March 1832
to $16 ;$ in June 1032 to 15 ; in April 1033 to 14; in June 1933 to 13 ; and in April 1834 to 12. In September 1934 the number was increased to 13 , the present number. The reduction in the number of dealers was caused by some goine out of business and by consolidations of others. Monthly data for the period 1923-31 aro in the 1932 annoal SUpplement of ter SUrvey of Curbent business.

- Compiled by the Farm Credit Administration (organized on May 27, 1033) to provide \& comprehensive picture of the Federal frrm credit activities. The Farm Credit Administration supervises the actlvities of the Federal land banks, the inter mediate credit banks, the production credit corporations, the production credit associations, and the banks or cooperatives. It also supervises the juadation of the joint-sto lan bans which were pisates capn ander all the ing of all the joint-stock land banks, including those in receivership. In addition credit corporations and the Agricultural Marketing Act revolving futid. Finally the Farm Credit Administration supervises the lending activilies of the following emergency institutions: The Federal Farm Mortgage Corporation, on whose belait emergency institutions: The Federal Farm Mortgage corporation, on whose belar relief loan offices. The loans represent, in the main, farm-mortgage loans, short term production credit, and advances to cooperative purchasing und markeling associations. Offices of the Farm Credit Administration aro located in 12 districts coinciding geographically with the Federal land bank districts. The ofnees ar coated in Springfield, Baltimore, Columbia, Louisville, Now Orleans, St. Louis, St. Paul, Omaha, Wichita, Houston, Berkeley, and Spokane. In eich distric organization there are four permanent credit institutions-a Federal land bank, a Federal intermediate credit bank, a production credit corporation, and a bank
for cooperatives-in addition to local' national farm-loan associations and productionfor cooperatives-in
credit associations.
Data in greater detail and descriptions of the lending institutions in the system may bo found in the annual reports of the Farm Credit 1 diministration
Compiled by the Board of Governors of the Federal Reserce System. Tlie data epresent debits or charges on the books of reporting member and nonmember hank United States, State, county, and municipal governments, including debits to the ing accounts, payments from trust accounts, and certincates of deposits paid. Wig nres do not include debits to the acements of other banks or in settlement of elearing house balances, payments of cashiors' checks, charges to expenso and miscellaneous accounts, corrections, and similar charges. Monthly flgures are derived from weekly figures, the figures for weeks which do not fall entirely within a single calendar month being prorated. For data for the jears back to 1919, see the annual reports of the Federal Reserve Board for 1925 and 1934.
 ${ }^{7}$ In obtaining totals shown in this column, adjustments wor
duplication arising from interorganizational loans and discounts. Loans outstanding of joint-stock banks in liquidation are not iucluded in the
group totals or grand total. group totals or grand total.
than $\$ 1,000,000$. Since A pril 1935 these banks have held no dollar accepture are less 106 -month average, July-December.
${ }^{11}$ Amount outstanding at end of year.
19 -month average, September-December, including $\$ 184,313$ in Soptember
18 11-month average, February-December.
143 -month average, Including $\$ 311,000$ in October.
11 As of June 30 .
${ }^{16}$ Data not available, complete reports not having been mads on account of bank anliday.
${ }^{11}$ 11-month average, January and Jebruary and A pril to Decomber, inclusive.


## Page 45

${ }^{1}$ Data are from the New York Stock Fxechange and are based on roports from their members as to the net borrowings (botb demand and time) on collateral from banks or agencies in New York City. The ogures are reported os of the ist of each month but are bere used to represent the condition as of the end of the proceding month for example, the November figures here given are the condition as of Dec. 1. York City. Details are awailable on the borrowings from banks and trust companiag and from private banks, brokers, and foreign banking agencies

Data necessary for computing the ratio of this item to the value of all sharos listed on the New York Stock Exchange shown in col. 6, p. 64. Stock Exchanke membe borrowings are not broken down to separate those only on listed share collateral from those on other collateral; thus, these ratios usually will exceed the true rela tionsbip between borrowings on all listed shares and their market values.
weekly report of member banks in 101 leading cities. The monthly figures used in
wore
this tabulation are for the Wednesday nearest the end of the month. Monthly figures for the period 1929 through 1936 are on $p .19$ of the March 1936 issue of the SURVEY. Weekly figures for this period were shown in the Federal Reserve Bulletins of December 1834, p. 825, and November 1935, p. 726
The present series is not available prior to 1929. A series on total brokers' loans by reporting New York member banks was shown in the 1932 SUPPLEMENT for the period 1910 to 1931, inclusive. That series differs considerably from the current series, in for account of others.
anth condition of the 12 Federal Reserve banks is reported as of the end of each解 combined deposit and Federal Reserve note liabilities. Detailed statements are presented in the monthly Federal Reserve Bulletin.
In 1934 and subsequently the figures under gold reserves represent gold certificates on hand and due from the United States Treasury
The figures here given are the same as in the 1932 Supplement, except for "total reserves", which now include the gold certificates, redemption fund, and other cash. All figures have been adjusted accordingly. The 2 following changes should be made In the 1932 Supplemint: U. S. Government security holdings, July 1926, from 352 0 372; member-bank reserves, March 1930, from 2,385 to 2,367.
4 Data were not compiled between Dec. 1, 1922, and Fob. 1, 1926. The 1922 figure shown is for Dec. 1; the figures for 1918, 1919, 1920, and 1921 are for January of the following year. The abnormal factor of loans made in consequen
ment. war flnancing has been eliminated from the 1918-22 figures.
ment.war financing has February-December.

## Page 46

1 The data are reported weakly by the Board of Governors of the Federal Reserve System from reporting member banks in 101 leading cities; the figures given here are for the Wednesday nearest the end of the month. The following description is taken from the November 1935 issue of the Federal
Thiled report on the member-bank statistics.
The ner of reporting banks in the early years of the series exceeded 800 , but the The number of reporting banks in the early years of the series exceeded 800 , but the
number has been gradually reduced by reasons of mergers and other causes, and the changes did not materially affect the relative size of the sample for the country as a whole. By the end of 1932 the published statement included figures for about 420 reporting banks in the 101 cities. This number was reduced to 375 at the time of the
banking boliday, but increased subsequently, and at present thestatementcomprises banking boliday, but
reports for 398 banks.
For a time after the banking holiday the report covered 90 or 91 cities, but the report for 101 cities was subsequently revived and figures published back to the bank report for 101 cities was subsequently revived and agures published back to 101 -city series may be considered as a continuation of the earlier 101-city series, although it was considerably affected in March 1933 by the closing of a number of large banks, and from March 1933 until the middle of 1934 by the reopening of old banks or the beginning of reports by new successor banks in the 10 cities not inciuded in the 91 -city series. It may be said, however, that these changes in a sense reflected the course of banking developments in those cities during that period. Total loans and investments of reporting member banks in the 101 cities in earlier years generally amounted to less than $3 / 3$ of the total for all member banks and
less than half of the total for all banks in the United States, excluding mutual savings banks. After 1029 these proportions rose somewhat. In November 1935 the reporting banirs in 101 cities had about 70 percent of the loans and investments of ail members and 58 percent of those of all commercial banks. Since the weekly reporting banks are chiefly large city banks, which are most affected by short-time moneymarket factors, they are especialy signincant in showing current changes in the credit situation. The assets and liabilities of banks in smaller places change more owing to the larger number of such banks, more difficult to collect.
Monthly figures in somewhat less detail for the period 1923-31 were published in the 1932 ANNUAL SUPPLEMENT. The figures are correct, except for minor revisions for June 1923 , February 1924 , and January 1926.
: Compiled by the Board of Governors of the Federal Reserve System. Figures beginning with September 1934 represent adjusted demand deposits and are not comparable with earlier figures, which are net demand deposits, against which reserves were required to be held. Net demand deposits through Aug. 23, 1935 included all demand deposits other than U. S. Government deposits, except that balances due from banks and cash items in process of collection could be deduced from balances due to other banks. The Banking Act of 1935 altered the definition of net demand deposit effective Aug. 24, 1035. Adjusted demand deposits reprosent deposits other than of collestion.

## Page 47

${ }^{1}$ The rates quoted are from the Board of Governors of the Federal Reserve System, except for time loans prior to 1926 and call loans prior to 1921 , which were compiled by
Oglo, Dunn \& Co., loan brokers, New York City, from records of loans negotiated by Ogle, Dunn \& Co., loan brokers, New Y ork City, from records of loans negotiated by
the firm. The records of this compsny go back to 1890 . The rates on cail loans are averages of daily quotations. The others are prevailing rates. Annual figures for banker's acceptances and time loans are yearly ranges, except bankers acceptances 1020-22, which are daily averages. rates charged by reporting banks to their own customers as distinguished from open market rates. All averages are based on rates reported for 3 types of customer loanscommercial loans, and demand and time loans on securities. The method of computing the averages takes into account (a) the relative importance of each of these 3 types of loans and (b) the relative importance of each reporting bank, as measured by
total loans. In the 2 group averages the average rate for each city included is weighted according to the importance of that city in the group, as measured by the Waighted according
loans of all banks.
Monthly data from 1919 through 1935 appeared on p. 19 of the March 1936 issue. :The New York Federal Reserve Bank discount rate is from the Board of Governors of the Federal Reserve Sustem. Data prior to 1922 cover rates on $61-$ to 90 -dgy commerclal, agricultural, and livestock paper; since then, rates shown are applicable to all classes and maturities of eligible paper. Data in monthly average column represent
the rates in force on Dec. 31 of each year. Rate in effect Nov. 16, 1914, 6 percent Change of rates effected on the following dates: 1914, Dec. 23; 1915, Feb. 3, Feb. 18,
1917, Dec. 21; 1918, Apr. 6 ; 1020, Jan. 23, June 1; 1921, May 5, June 16, July 21, Sept. 22, 1917, Dee. 21; 1918, Apr. 6; 1020, Jan. 23, Juns 1; 1921, May 5, June 16, July 21, Sept. 22,
Nov. 3; 1922, June 22; 1923, Feb. 23; 1924, May 1, June 12, Aug. 8; 1925, Feb. 27; 1926, Jan. 8, Apr, 23, Aug. 13; 1927, Aug. 5; 1928, Feb. 3, May 18, July 13; 1929, Aug. 9, Nov.
1, Nov. 15 ; 1030, Feb. 7, Mar, 14, May 2, June 20, Dec. 24; 1931, May 8, Oct. Oct. 16; 1932, Feb. 26, June 24; 1933, Mar. 3, Apr. 7, May 26, Oct. 20; and 1934, Feb. 2.
Monthly date for $1923-31$ are on pp. 76-77 of the 1932 ANNUAL SUPPLEMENT. and supersedes data on this subject that appeared on $p .76$ of the 1932 ANNOAL SUPPLEMENT OF THE SURVEY and in subsequent monthly issues, through the issue for
the month of February 1935. The rate shown above for each month is the average of the loan rates of the 12 banks, no weight being given to the number of loans closed at the various rates. When a change of rate occurred during a month, the bank's
average rate for that month was obtained. In computing this average, each rate in effect during the month was weighted by the number of business days it was in force Monthly data from February 1917 to December 1934 appeared on p. 20 of the Apri]
1935 issue of the Survey.

I Rate is from the Farm Credit Administration; formerly it was reported by the Federal Farm Loan Board. The figures represent the average interest rates charged by the Federal intermediate credit banks for direct loans only. These rates are based by the Federal intermediate credit bank ior direct loans only. These rates are based
on the interest rates on the debentures issued by the respective banks, being limited by law to a rate not exceeding 1 percent higher than the rate of the bond issue. The are the ins interest rates to a pates of the 12 intermedithe rates shown for each m bein given to theges of the loan res curred during a month, the bank's average rate for that month was obtained, each rate during the month being weighted by the number of business days it was in force. Monthly figures for 1923 to 1931 are on p. $76-77$ of the 1932 ANNUAL SUPPLEMENT of the Survey.
New Yompiled from data furnished by the Savings Bank Association of the Stute o New York on deposits in all savings banks in Now York State-in number close to 150. The monthly reports are usually complete, but the names of banks from which reports were not received are
available report date are added to the figures to secure the complete figure. Sueh available report date are added to the figures to secure the complete figure. Suel
adjustments are not sufficiently large to affect the comparability of the series. adjustments are not sufficiently large to affect the comparability of the series. clusive, and for 1923, are averages of deposits on June 30 and Dec. 31 of each year; that for 1921 is an average of four quarterly figures and for 1022 is an average of three basis of deposits and withdrawals.
Monthly data from 1924 to 1031 appeared in the 1932 A NnUAL Suppliemenx.
T Compiled by the U. S. Post Onfice Department, showing balance to credit of de-
positors and balance in banks on last day of month. Dats on postal saving aro shown in greater detail in the annual reports of the Postmaster General.
11-month average, February-Decomber
10 -month average, March-December.

## Pages 48, 49

1 Compiled by Dun \& Bradstreet, Inc. The present classiflcation supersedes that formerly shown in the SURVEY. The pressent classification is available only from January 1934. The previous series was shown in the 1932 ANNOAL SUPPLEMENT for
1932 and in subsequent monthly numbers through A pril 1936. There is thus an over1932 and in subsequent monthly nombers through A pril 1936. There is thus an over-
lap between the present and the old series of 2 years. Monthly data for the disconlap between the present and the old series of 2 years. Monthly data for the discon-
tinued series for the period $1923-31$ are on pp. $78-83$ of the 1932 SUPPLEMENT; the most convenient numbers to consult for a continuation of these series through 1935 are the April issues of 1933, 1934, 1935, and 1036.
estate and insurance brokers, holding and finance com to the elimination of real estate and insurance brokers, holding and finance companies, shipping agents,
tourist companies, transportation terminals, and similar organizations, all of which tourist companies, transportation terminals, and similar organizations, all of which
were included in the old group called "agents and commercial service." The coverage of the other 3 groups is unchanged, although the building trades have been age or the other 3 groups is unchanged, although the building trades have been
segregated in a new class designated "construction." Most of these failures were transferred from the manufacturing class. As in the past, the records do not include so-called "personal bankruptcies" of persons such as doctors, dentists, and lawyers. The effect of this revision on the total figures is a reduction in the number of failures In 1934 from 12,185 to 11,724 and in 1935 from 11,879 to 11,510 . The revision is more significant in connection with liabilities, the total amount of liabilities boing reduced on a rough average of 3 to 4 million dollars a month. The greatest change within the groups is the reduction of the manufacturing group by 952 failures in 1934 and 785 in The whlch ware transferred to the new group (construction).
The shown in italics are the discontinued series.

## Pages 50, 51

1 Data are compiled by the Association of Life Insurance Presidents from reports of 37 companies holding approximately 82 percent of the admitted assets of all United States companies. The data given are as of the end of each month and are designed to show the fluctuations in the various kinds of investments held by life-insurance companies. Admitted assets are those used in the determination of a company's In addition to the items separately shown the total assets also include real estate. In addition to the items separately shown, the total assets also include real estate, collateral loans, bills receivable, interest due and accrued, deferred and unpaid premiums.
94 percent were bonds, 4.3 percent were preferred and guaranteed stocks, and 1.0 percent common stocks.
These flgures supersede those shown in the monthly issues through October 1936, which were for a different number of companies. Earlier montoly data for the present series were shown in the December 1936 issue.
${ }^{2}$ Compiled by The Association of Life Insurance Presidents from reports of 42 com. panies which had 83 percent of the total business outstanding of United States legalreserve companies at the end of 1935. The data supersedes those shown previously,
which were lor a different number of companies. Earlier monthly data for the pres. ent series appenred on pp. $17-19$ of the November 1936 issue.
The data on new business represent only now business that has been paid for, and is exclusive of revivals, increases, and dividend additions. Premium coliections and for supplementary contracts involving life contingencies. Annuities were shown separately beginning in January 1930 .
i Renresents data on ordinary life insurance only (thus excluding industrial and group insurance), compiled by the Life Insurance Sales Research Bureaul from comgroup naring approximately 88 percent of the total ordinary legai life reservo in force
panies han
in the United data for the latter year being in the monthly numbers.) The percentage varies in the different States and regions. The Eastern District includes Maine, Now Hamp. shire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey,
and Pennsylvania; the Western Dtstrict includes Ohio Indiana, and Pennsylvania; the Western District includes Ohio, Indiana, Inlinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Trasas;
Nebraska, Kansa, Arkansas, Louisiana, and Oklahoma; the Southern Districi Nebraska, Kansas, Arkansas, Louisiana, and Oklahoma; the Southerni District
includes Delaware, Maryland, District of Columbia, Virginia, West Virginia, North ncludes Delaware, Maryland, District of Columbia, Virginia, West Virgina, North
Carolina, South Carolina, Georgia, Florida, Kentucky, Tonnessee, Alabama, and Mississippi; the Far Western District includes Montana, Idaho, W yoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, and California.
for the period $1923-31$ appeared in the regriar reports of the Bureau. Monthly data
4 Compiled by the Life Insurance Sales Respal Suprement of The SURVEY companies, and is based on lapses of ordinary life insurance before the payment of premiums for 2 full years. Details, by sections and states, are contalned in the Bureau's report.
Indexes shown are quarterly for the period 1925 through the first half of 1934; thereafter the indoxes were computed only twice a year-in June and December. ore mis column indicates the trend in the number of parsons covered by new insurance, but does not show the axact number of persons covered, since one person may
have several policies of ordinary insurance and in addition hold a certifcate under a group contract.

- Quartarly average.
${ }^{2}$ Average for 2 months shown. The rates are computed for the period. 6 months ${ }^{\prime}$ figuras.

Page 52
${ }^{1}$ Foreign exchango rates are averages of noon buying rates for cable transfors in
New York, as compiled by the Board of Governors of the Federal Reserve Systexn. New Yort, as compiled by the Board of Governors of the Feder
Complote quotations are issued daily and monthly by the Board.


#### Abstract

The par value of foreign currencies Monthly data for 1923 ar in 1934. Monthly data for 1923 to 1931, inclusive, were Eiven in the 1932 ANNUAL SUPPLEment ow Tuk Survey. Comprehensive data are given in the Handbook of Foreign Horeign and Domestic Commerce in 1036. ${ }_{2}$ The rate quoted since Dec. 13 , 1033, has been on the papor peso, equivalent to 44 porcent of the gold peso quoted up to Dec. 10. No quotations are available for adjusted to a gold-peso basis. Figuros for 1934 and subsequent years are for the paper peso. AII cuptations are largely nominal since April 1883. : Quotations aro partly or wholly nominal since April 1933. The nominal official gold value of the Chilean peso was changed from 3 pence gold to 132 pence gold as of Jan. 2, 1935 . " German currency broke down in"1923, and the mark was replaced by the "rentenmark" from January through September 1924, and by the present reichsmark. * Nominal beginning November 23,21935 .


## Page 53

1 Compiled by the Board of Governors of the Federal Reserve Syatem. Monetary gold stock includes at the present time only gold held by the Treasury. I'rior to Jan 30, 1034, monetary gold stock included gold held by the Treasury and by the Foderal heserve banks, except gold held under earmark for foreign account, and also included gold coin in circulation in the United States. The latter figure was estimated by taking into consideration imports and exports of gold coin, mintings, meltings, and the use of gold coin in the arts, as well as payments of gold coin into circulation and withdrawals from circulation. On Jan. 30,1034 , titlo to all gold held by Federal Reserve banks was transferred to the United States Government. The Federal Reserve banks now hold gold cartificates or gold-cortificate credits on the books of tho Treasury, against which the Treasury holds gold. There is no circulaimmediately reflected in Treasury holdings.
Beginning Jinn, 31, 1934 , the estimated figure of gold coin in circulation, amounting to $\$ 287,000,000$, was excluded from monetary gold stock and from money in circulation. The reasons for this change ware as follows: (1) The amount of gold coin previously reported as "in circulation" is known to have beon overstated during recent years by the amount of such coln that in course of time had been lost, destroyed, or exported without record; (2) the results of official efforts during the war to concen
 catod that tho ovorstatement has boen large; (3) the Treasury order of Dec. 28, 1933, requiring surrender of all gold coin (with minor exceptions) in effect prohibits anyone from using gold coin for circulation or from having it in his possession; and (4) under he (rold Reserve Act of 1034, effective Jan. 30, no gold coin masy benceforth be put nto circulation. Gcld coin outside of the United states Treasury, therefore, is no ongor a part of monetary gold stock or of money in circulation.
Figures prior to Jan. 31, 1034 , and subsequent to 1913, have recently been revised to exclufle the $\$ 287,000,000$ of gold coin, leaving the remainder of gold coin in circulalon in the published figures. For the earlier years the resulting figure is probably and this revision.
Tho large increase in Fobruary 1034 resulted from the revaluation on the basis of he changed gold content of the dollar (i. e., current dollar equals $15 \% 1$ grains of gold fiofine; dollar formerly contained 25810 grains of gold 9 fo fine.
-The elimination of this $\$ 287,000,000$ effects the comparability of this series to the ne given in the 1032 annual Surplement of the Survey
${ }^{2}$ Statistics on exports and imports of gold are from the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, while the data on changes in the armount of gold held under earmark are from the Board of Governors of the Federal Reserve System. The amount of net release from earmark represents gold roleased from carmark at Federal Reserve banks, less gold placed under earmark (with allowance when necessary for changes in gold earmarked abroad for account of
Federal Reserve bunks). Federal Reserve bunks). A table showing net gold im
poriod 1924 to 1932 is on $p .20$ of the Decomber 1932 issue.
period 1924 to 1932 is on $p .20$ of the Decomber 1932 issue.
Other factors, such as domestic production, movements in and out of monetary Othor factors, such as domestic production, movements in and out of monetary
use, affect the monetary rold stocks, aside from the foreign movement. An analysis of the changes in monetary gold stocks is carried each month in the Federal Reserve Bulletin.
${ }^{3}$ Rand gold output is socured from reports of the Bureau's foreign office at Johannesburg, from the trado press, or from Bulletin of Union Slatistics. The figures differ slightly from the totals publishod in the Official Yearbook of the Dominion of South Africa. JIo
10,000 Ane ounces

- Receipts of domestic unrefined gold at the United States Mint and assay offices aro from the U.S. Treasury Department. Monthly deta shown in the 1932 AnNDal SUPPLEMENT OF tife Survey aro identical with this series. The 1921 average here given rovisos the figure in the 1932 SUPPLEMENT.
${ }^{6}$ Compiled by the U. S. Treasury Department. The figures for money in circuletion include all kinds of United States money outside of the Federal Reserve banks and the Trcasury, with the exception that gold coin known to have been exported was always excluded and beginning Jan. 31, 1934, all gold coin outstanding has been excluded. The figures include, therelore, vot onlt money vault casli hold by banks and such United States money as may have been carried
abroad, other than gold coin known to have boen exported. For reasons explained above in connection with monetary gold stock, figures previously published for the period from January 1914 to January 1934 havo been revised to exclude $\$ 287,000,000$ of gold coin. No correction was made in the money in circulation figures for the removal of gold certificates, sinco the reasons for the elimination of gold coin figures do not appear to hold as regards sold certiflcates.
The elimination of this $\$ 287,000,000$ affects the comparability of this series to the one given in tho 1932 ANNUAL SUPYLLAENT OF TEE SURVEY
${ }^{8}$ Exports and imports of silver are from the $U$. S. Department of Commerce, Bureau of Foraiyn and Donnestic Commerce. Monthly figures for the period 1923-31 are in the 1932 ANNUAL SUPPLEAENT OF THE SURVEY. T Silver prices are daily averages for the month reported in Metal and Minera
Markets, the weokly market news service of the Engineering and Mining Journal Markets, the weokly market news service of the Engineering and Mining Journal. Production and producers' stocks of silver aro from the American Bureau of
Metal Statistics, oxcept the production figures prior to 1921 , which are from the $U$. $S$. Metal Statistics, oxcept the production figures prior to 1921, which are from the U. S.
Department of the Interior, Geolonical Survey. The series on estimated world output Department of the Interior, Geolopical Survey. The series on estimated world output
superseded the series shown for the period January 1928-August 1934 presented in superseded the series shown for the period January 1928-August 1934 presented in tho Sulvery, which covered only the principal producing countries with the $1932,75.5$; and 1933, 77.5
The accounting in both Canada and the United States is on the basis of commercial bars es actually pronuced by the refineries, according to the current reports; in other countries the accounting is theoretioally on the same basis. American retineries treat a considerable amount of foreign material, which is split up as to origin. Monthly figurcs for Mexico are erratic. Tho American Bureau of Metal Statistics ascribes this to documentary reasons rather than to ductuations in the physical mopencnt, as the irregularities sinooth out over a period of several months
Details arc given in the reports of the American Bureau of Metal Statietics.

Montlly data for the United States, Canada, and Mexico are given in the 1932 ANNUAL SUPPLEMENT OF THE SURVEY
Bureau of Mretal Statistics and inelade annual totals reported by the American The monthly averates of the mouehiy fome production pot allocated by months The monthly averates of the monehly figutes shown for 1933 , 1934 , and $198 \overline{3}$ a
10 Includes some production which could not be allocated to the indiviaula months
Page 54
${ }^{1}$ The statistics presonted ropresent a revised tabulation of quarterly net profts of industriol corporations, telephono companies, and other publie-utility corporations by the a different source as iuslicated in the fouseries on net is rom a diferent source, as indieated in the eothote below.
Because of morgers, bankruptcies, etc., during the years since the original tabulawas as far back as comparable data could be obtained. tho revised tab, whation includes a separate group for ehemical companies.
The figures for the telephone companies represent net operating ineomo for the companies reporting to the \#cderai Commeatications Commisnion, antl formerly to the Interstate Commerce Commission. Ihe A intleates a detieit for the periond.
${ }_{2}$ 'The indexes of corporate profits are compiled by Standard Statiotice, Inc., and are based on the reports for the entire period of the number of companies indicated. There is some divergence between tiae movement of the profits of industrial cornorations included in this tabulation and in the one of the New Yorl: Federal licserce I3ank, but the differences whers the classifications are comparable are not great. Such Variations may be expected in sample compilations of this type made from different lists of corporations. The dindicates a deticit.
ailways, railways, excluding switehing and terminal companies. The net inconne is computed by subtracting from the totel income, miscellineous deductions, total fixed charges (rent for leased lands, interest deductions, wnd other deductions), and contingent charges. The annual totals of the monthly figures shown theove differ materially from the net income appearing in the aunnal reports of the Commission
entitled "Statisties of Railways in the United States", due prineiparly lo the climi entitled "Statisties of Railways in the United Stites", due prineipally lo the climination of intrasystem dividends. The number of railways from whin the figures
have been computed ranged from 147 to 151 in 1931 and 1032 , the flutution being due mainly to consolidations and redassifications. Jugynning in liebrury 1938 the number of railways represented was 149 , which has remained constant to this dato For detailed data on this subject see the montily reports of the Interstute commerce Commission entitled "Selected Inconae and Balatice sheet Itens of Class I Railways in the United States." The A indicates a deficit,
This series is the same as tho one included in the "Transportation" seation.

- The number of class I railways has changed slightly, as indicated in nute 3, abope,
 ${ }^{1}$ The number of companies ineluded varies, according to the mimber induded in the Government reports from which the data are taken, but the differences are not important, as may be noted by referring to tho notes on the tolephone operating 103; and 1934-35, 50.


## Page 55

${ }^{1}$ Dats are from the $U$. $S$. Treasery Department. The flewre for the prow public debt for the entire period shown opposite "monthly average" is the figure for the end of the iscal year, that is, June 30. Monthly averages for expenditures, total revenises, customs, total internal revenuo, and income-tax revenues are averages tor the iseal
year ended June 30 . Monthly averages for the other items represent an average for year ended June 30. Month
Offsetting the gross debt, the balanee in the general fund as of June 30 in recent years has baen: 1932, $\$ 117,197,178 ; 1333$, $\$ 862,245,221 ; 1934$, $8=, 581,123,210 ; 1435$,
 and (except for internal-revenue recaipts) are on a carrent cash basis since 196; prior to that time they are on the basis of warrants issued (net), Irust expenditures for recent fiscal years (ended Jung 30) have heen as follows: 1931, $\$ 128,42,624 ; 1932$, $\$ 120,680,619 ; 1933, \$ 163,669,428 ; 1934, \$ 2,138,675,510 ; 1935 ; \$ 150,516,47 \%$ R Reeipts, $1931, \$ 127,594,862 ; 1932, \$ 115,50,549 ; 1933, \$ 15 \times 659,439 ; 1931, \$ 22,973,75 \Sigma^{2}, 647 ; 1935$, $\$ 371,509,695$. Monthly data are from the daily treasury statement.
Receipts include the increment arising from the reduction in the gold content of the dollar and seigniorage resulting from the issuance of silver certifleates against silver acquired under the Silver Purchase Act of 1934. Fxpenditures ianclude the amounts chargeable against the incremont on gold. These items affect the totals 1934 and 1935 are as follows: Inerement on wold, $1931, \$ 2,811,37 \pi, 757$; 1045, $\$ 1,733,020$. Seigniorage, 1935, $\$ 140,111,441$. Expenditures chargeablo arainst inerenient on Soigniorage, $1935, \$ 110,111,441$. Expendi
gold, $1934.82,000,000,010 ; 1935, \$ 113,022,029$.
Internal-revenue receipts are taken from the reports of collections issucd by the Burear of Internal Revenue.
${ }_{2}$ The emergency reference applies to the figures only since May 1932, when this classiflcation was set up.
${ }^{3}$ These data were selected to show the trend of tax collections on selocted commodities, not from a revenue standpoint but for the purpose of showing the trond in these industries. Hence, data are shown only for the poriods during which the same tax rates were in effect (an exception was mado in the case of sale of prothce for future delivary-see note 4).

- Data cover tho revonue recaived from stamp taxes on the sales of, or agreement to scll, any products or merchandise at or under the rules of any exthange, or board of trade, or other similar place, for future delivery. The tax rate on cach $\$ 100$ or 1917 to July 2,1924 ; 1 cent for the period July 2 , 1921 fo to Tune 21,1032 ; 5 cents for tax in 1017 to July 2, 1924; l cent for the period July 2,1921 , to J12ne21, 1932 ; 5 cents for period still in force. Monthy data, for $1918-35$ appear on $p$. 19 of tho April 19 gis issue. s 10 -month average, February-Deceinber.
88 -month average, Me May-December.
7 Included
${ }^{7}$ Included in this total is the $\$ 2,000,000,000$ expenditure chargeablo against tho increment on gold resultiog from the establishment of the oxchange stabilization fund.
${ }^{8}$ Included in this total is $\$ 2,808,221,138$, remresenting the inerement resulting from the reduction in weight of the gold dollar.
- 0 -month average, July-Decomber.


## I'age 56

${ }^{1}$ Date are from the Reconstruction Finance Corporation and cover the leading activties of this organization since its inception
The figures do not include grants mate by the Corporation as follows: \$49, 0000,000 rolief grants to States under the Emergeney Relicf Aet of 1933; $\$ 500,000,000$ untler the Emergency Appropriation Act, fseal year 1935, approved June 19, 1934; and $8500,000,000$ under the Emergency Relief Appropriation Aet of 1935, approved Apr. \& 1935. Also excluded are certain other allocations to Federal agencies. rlite "amounts made available for relief" nuay no longer be considered loans (exeppt for Detailed statistios are presented in the quarterly reports of the Corporation.
? Average of months shown.

Pages 57, 58, 59
${ }^{1}$ Compiled by the Securitics and Exchange Commission and represents the volume of new securities (i. $\theta$., securities other than those issued in connection with exchanges of securities for the registrants or their predecessors securities, or in connection with the issuance of voting trust certificates or certificates of deposit) covered by regis-
tration statements that have become fully effective (i. e., registered with the Comtration statements that have become fully effective (i. e., registered with the com-
mission). These securities have been neither approved nor disapproved by the mission). These securities have been neither approved nor disapproved by the
Commission. The figures do not include those registrations which have been made Commission. The figures do not include those registrations which have been made effective under notice of deficiencies and effective under notice of hearings. They
do not include data on registration statements filed and not yet effective, whether because of stop or refusal orders, withdrawals, or because examination had not yet because of stop or refusal orders, withdrawals, or because examination had not yet
been completed. The data are based solely on the registration statements as filed by the registrants with the Securities and Exchange Commission. All data refer to registrants' intontions as of the date of fling or of later amendments. Thus, they represent statistics of intentions to sell securities rather than the actual sales of securities. The filing of the registration statements was made mandatory under the provisions of the Securities Act of 1933. Monthly data as represented in the prosent form are available only from July 1933 to date. Additional details are given in the by industrics and the indicated use of the proceeds.
${ }^{*}$ These statistics are from the Commercial and Financial Chronicle. The Chronlce's statistics include the stock, bond, and note issues by corporations, by holding, investment, and trading companies, and by States and municipalities, foreign and domestic; and also farm-loan emissions and issues for which the United States Treasury acts as fiscal agent for other government agencies. They do not include Federal Government issues. The flrst instancein which the U. S. Treasury Department acted as fiscal agency was in July 1934, when the Treasury handled an issue of Federal arm-mortgage bonds. Other issues have been handled in a similar manner since. domeste are four separate classifications of the data as shown. These are. (1) By domestic and foreign; (2) by corporate and noncorporste; (3) by purpose (i. e., cor new capital and refunding); gnd (4) by type of security. Further details are given
in the original source. The grand total for 1919 includes $\$ 16,677,000$ (monthly averin the original source. The grand total for 1919 includes $\$ 16,677,000$ (monthly averMonthly data for the period 1923-30 are in the 1932 ANNUAL SUPPL/RMENT OF THE Surver; revised data for 1931 figures.
SURVEY; revised data for 1931 figures. municipalities in the United States and bonds of United States Territories and insular possessions. Of the 1932 permanent loans, $\$ 112,474,992$ represents advances made by the Reconstruction Finance Corporation under title 1, sec. 1, subsections $C_{\text {and }} \mathbf{E}$ of the Federal Emergency Relief and Construction Act of 1932 . Under title 2, sec. 201 (a), par. 1 and 5 of that act, $\$ 17,793,000$ was loaned to States, cities, towns, and viliages for self-liquidating projects. of the 1933 permanent loans, $\$ 187,837,958$ represents advances made by the Peconstruction Finance Corporation under title 1, sec. 1 , subsections C and E , and $\$ 18,464,500$ under title 2 , sec. 201 (a), par. 1 and 5 . Of the 1933 permanent loans, $\$ 278,060,291$ represents loans by the Public Works Administration. Of the 1934 permanent loans, $\$ 50,811,000$ represents advances made by the Reconstruction Finance Corporation under title 2, sec. 201 (a), par. 1 and 5 . Of the 1934 permanent loans, $\$ 227,120,608$ represents loans 1934 permanent loans, $\$ 10,478,495$ represents advances made by the Reconstruction 1934 permanent loans, $\$ 10,478,495$ represents advances made by the Reconstruction Finance Corporation under sec. 36 of the Emergency Farm Mortgage Act of 1933. struction Finance Corporation under title 2, sec. 201 (a), par. 1 and 5. Of the 1935 permanent loans, $\$ 21,019,400$ represents loans actually completed by the Public Works Administration. In addition to this the Public Works Administration during 1935 to date has pending $\$ 127,820,683$ of loans which as yet have not actually been completed, and therefore are not included in the 1935 total. Of the 1935 permanent loans, $\$ 22,743,319$ represents advances made by the Reconstruction Finance Corporation under sec. 36 of the Emergency Farm Mortgage Act of 1933.

- Average of months shown.


## Page 60

1 Compiled by the U. S. Department of Agriculture, Commodity Exchange Adminatration, (formerly known as the Grain Futures Administration) from reports furaished since July 10, 1923, by the clearing mernbers and clearing associations of the Trade, Chicago Open Board and the Minneapolis, Kansas City, Duluth, St. Iouis Trade, Chicago Open Board, and the Minneapolis, Kansas City, Duluth, St. Louis. are received from the Chicago Board of Trade, the Chicago Open Board, and the Minneapolis, Kansas City, St. Louis, and Milwaukee exchanges. For the period Jan. 3, 1921, to Apr. 30,1923 , internal-revenue reports were virtually the only source Board of Trade. Between May 1, 1923, and July 9 , 1923 theat fures on the Chicago $n$ conjunction with reports made to the Grain Futures Administration.
Monthly data for the period 1921-35 is on p. 20 of the March 1936 issue of the SURVEY
Data are from the New York Stock Exchange and represent the average market price as of the 1st of each month of all bonds listed on the exchange. In this tabuation the statistics are pushed back one month-e. g., the Feb. 1 figure is used as of the ond of January
Data have been compiled from January 1925; monthly data for the period 1925-31 appeared in the 1932 ANNUAL SUPPLEMENT OF THE SURVEY OF CURRENT BUSINESS. prices of the bonds for each day of the month, the average yields for the the average prices of the bonds for each day of the month, the average yields for
4 Compiled by Standard Statistics Co., Inc., and represents a revision of their bond price index to segregate the corporate and municipal issues.
The corporate bond index is based on the quotations on 45 high-grade corporate bonds converted to the equivalent price for a 432 -percent bond having 30 years to date of maturity. The monthly figures are averages of closing quotations for each Wednesday. Separate yields are computed for the 15 industrial, 15 railroad, and 15 public-utility bonds. The bonds included are tabulated on p. B-113 of "Basic tatistics-Se
rganization.
The index of bond prices is based on the average weekly closing prices (as of Wednesday) converted to the equivalent price for a 334 -percent bond having 22 years to date of maturity
Monthly data for 60 bonds appeared on p. 97 of the 1932 ANNUAL SUPPLEMENT OF the SURVEY.

- The longer term series has been discontinued and a new series substituted by Standard Statistics Co., Inc. Since 5 of the 7 bonds in the present series were alsu included in the series which goes back to 1917, it is not surprising that the differences n the two are not great.
The indexes are simple averages of the Wednesday closing prices. Only the new series will be carried in the monthly issues.
Monthly data for the period June 1917 to December 1932 for the series extending over this period appeared on $p$. 20 of the June 1933 issue.
current quotations on 40 representative issues.
77 -month average, June-December, inclusive.


## Page 61

The data on bond sales was first compled by the Securities and Eichange Commission for October 1935. The reports are from 22 registered exchanges, but most
of the sales are made on the New York Stock Exchange (for which figures are given separately) and on the New York Curn Exchange.
These tgures (except for the par value fgures prior to April 1935) include stopped i 1 on the same subject on this page
Bond sales from Dow, Jones \&e Co. cover sales on the New York Stock Excheng and exclude stopped sales. The Stock Exchange was closed in 1914 from July 31 to Dec. 11, inclusive. Monthly data for the period 1923-31 are in tbe 1932 ANNOAL 3 COPLEMENT OF THE SURVEY OF CUREENT BUSINESS.
Compiled by the New York Stock Exchange to show the price movements of bonds on the exchavge and the growth in the securities listed. The figures have bee ompiled on a montiy basis as har back as Jan. 1, 1926. As issued, the statistic use of the stetistics with relation to the othor series carried in the SURver or $C$ UR RENT BUSINESS, the firures hape been moved back 1 month and are considered her as reffecting the condition as of the end of the preceding month. The increase in the bond figures in A pril 1928 was due to the inclusion in the total of $\$ 12,000,000,000$ British Government bonds. Only a small part of these issues are traded on the New York Exchange. Monthly data back to 1928 are in the 1932 Annual SUPplement OF TAE SURVEY
$7-m \mathrm{~m}$.
67-month average, June-December

## Page 62

1 The yield on 45 corporate bonds is computed by Standard Statistics Co., Inc. and is an arithmetio average of the yield to maturity of the same bonds that are ncluded in the index of bond prices shown on the preceding page. It is based on he mean of the monthly high and low prices. Beginning 1929, the indexes hav weekly indexes (Wednesday prices) for the month.
Monthly data are available to 1900 in Basic Statistics (p. B-110), of Standard Trade and Security Service.
Previously the yield was computed on the 60 bonds, but the searegation of the corporate issues was made on the basis of the different characteristics of the 2 type of bonds.
${ }^{2}$ Compiled by The Daily Bond Buyer and represents the average yield obtajned by averaging the market values expressed in "basis" of the bonds of 20 large cities as the condition as of the end of the preceding month; that is, the July 1 figure would be given for June
Monthly data back to 1923 are in the 1932 Annual Supplement of tat Survex 8 Compiled by the $U$. S. Treasury Department on a new basis, which difiers in 2 major respects from the method previously used. Instead of averages of yields of 3 Treasury bonds except those due or callable within 8 yeas. The former series wes reasury ond excer those due or callable within was verages the yield used at each date for each bond callable before maturity is the ower of 2 computed yield figures, the one besed upon redemption at the earlitest cal clate and the other based upon redemption at maturity. For bonds selling above par and callable at par before maturity, yjelds computed on the basis of redemption at the first call date are the ones that are used; while for bonds selling below par yields to maturity are used. This procedure is stated to conform to prevailing prac tice in the bond market. In compiling the new averages, yields of all outstanding Treasury bonds with more than 8 years to run before nearest redemption dates have been used. Each new issue has been added to the list shortly after its fotation and ssues have been dropped 8 years before their first redemption dates. Thus, the average is representative of all of the long-term issues, including at present both thos temporarily eligible to secure national-bank note circulation and those not bearing this privilege. Issues which are redeemable within 8 years are excluded in order to obtain figures in which the influence of short-term money rates is minimized
Monthly data for the period 1926 through 1933 appeared on p. 20 of the August 1034 issue.
${ }^{4}$ The series on dividend declarations are computed monthly by the New Yort Times and represent the cash dividend declarations of which the Times bas a record. classification does not include banks).
While these figures are for a large sample for long-term comparisons of the totals for all corporations, reference should he made to the ennual reports of the Bureav of Internal Revenue, which contain data abstracted from the income-tax returns. Monthly datafor the period $1928-31$ are in the 1932 ANNUAL SUPPLEMENT OF THB SURVEX. Two incorrect monthly averages were given, which may be detected by comparison with the figures given here.
( practically every active stock traded in on the exchange, as well as $3 \theta$ bank and in In Junestocks quoted over the counter, and are identical or the entire period covered on 3 casb , was The mathion record is made of the tatal annul cesh dividenc wher baid on the basis of the most recentlv announced rate Each month's sogregets of dividonds for all 600 companies is then divided by the total number or shares outstending during the month, after adjusting for stock dividends and splits in order to eliminate the effects of changes in share capitalization, to obtain the average dividend rate per share. Monthly data for the period June 1929 to December 1931 are in the 1932 ANNUAL guent to the publication of that volume. One or two sverages were also incorrectly stated.
as 1914 averages are based on quotations for the months tbat the stock exchange Tas open 7 -month average, June-December.

## Page 63

1 Compiled from the daily closing quotations furnished by The Wall street Journal. The industrial averages include 12 stocks until September 1916, when the number was increased to 20. In October 1928, the number was increased to 30 . The rail road averages include 20 stocks over the entire period, and the public-utility averaga are also for 20 stocles for the time they have been compiled. Changes have been made in the stocks used for the railroad and industrial averages at various times The yearly averages for 1914 cover the months the exchange was open. Various affert the historical continuity of the averages. Details of the stocks used in the indexes and informe contivuity of the averages. Details of the she wit the rones andiaes published by Barron's Currantly the daily quotation for the 30 industrials are totaled and divided by a constant divisor, to fllow for split-ups and large stock dividends.
large stices are averages of Saturdey closing prices for these stocks on New York Stock Exchange taken from the Annalist. The industrial indexes are computed by multiplying the actual quotations by a series of weights, selected to allow for split-ups, represent a simple average of the quotations of the 25 stocks. The figures fer 1914 are an average for the months during which the exchange was open.

Standard Stattatics Company, Inc., is the source of these Indexes. The Index of 419 common stocks includes the industrials, public-utility, and railroad stocks, but not the bank and fire-insurance stocks.
The indexes in all cases are currently based on the closing prices each Wodnesday, averafed to obtain the monthly figures. Prior to April 1930 they were based on quotations for a different day, the selection of the particular day of the week being based on the publication requirements of the weekly service of this company. For those desiring to know the actual dates of the quotations, the information will be
found on p. B.93 of Basic Statistics, section B, published by Standard Statistics Co., Inc.
The stocks used in the index were solected from a list of over 700 common stocks listed in Standard Earnings Bulletin, published by the Standard Stalistics Co., Inc. The 419 stocks solected are compiled into 68 separate group indexes, representing from 70 to 100 percent of the total market valuo of each group. In providing the best possible representation for the warious groups, stocks listed on exchanges other than 419 tow 419 stocks are listed on the New York Stock Exchange; 38 on the New York Curb Market; 4 on the Buston Exchange; 2 on the Boston Curb, and 1 on the Baltimore Stock Erchange. Basically, the index reprosents the total market value of the 419 stock issues, stated as a ratio to the market value in 1926, with adjustments made for stock dividends, split-ups, issuance of rights, the addition of new stocks or the dropping of
an old, consolidations, and acauisitions. On this basis the indox reflects the fluctuaan ord, consolidations, and acquisitions. On this basis the indox reflects the fuctuacomplote description of the index, together with weekly flgures back to the beginning of 1918 , refer to pp. 3- 02 of the above-mentioned publication. Monthly flgures back to January 1923 appeared on pp. 102-103 of the 1932 ANNUAL SUPPLLEMENT, and are correst except for minor rovisions in 1931.
Based on first of month bid prices.

## Page 64

${ }^{1}$ Compiled by the Securities and Fxchange Commission and represent the total value and volume of the stocks sold on registered exchanges, including the New York Slock Exchange. It will be noted from the ngures that the sal is 1935 end the New Sock Curb Marke accounted for more than 80 percent
Odd-lot and stopped sales are included subsequent to April 1935, which accounts for the difference between the volnme of Sales reported by tha Securitits and Ezchange Commission and the New York Times, which are shown in the same table.
Details, by exchanges, aro given in the reports of the Commission,
The Securitics and Frchange Commbsion did not require reports on the number of shares sold in the period October 1934 to March 1935, inclusive; hence, data are not available for this period.
8 This series on stock sales is reported by the Annalist, published by the New York Times. As indicated in the preceding note, the fagures do not include odd-lot and stopped sales

Monthly data for the period 1923-31 are in the 1032 ANNOAL SUPPLEMENT OF THE Surver of Curreen Buginess.
${ }^{8}$ Compiled by the New York Stock Exchange to show price movements of all stocks on the exchange and the growth in the securities listed. The figures hare been complled on a monthly basis as far back as Jan. 1, 1925. As issued, the statistics represent the conditions as of the 1st day of the month, However, to facilitate the use of the statistics with relation to the other series carried in the SURVEY OF CURRENT BuSIthe condition as of the end of the preceding month.

Monthly data for the period 1925-31 are in the 1932 ANNUAL SJPPLEMENT
Standard Statistics index of the yield on 20 preferred stocks is computed from the arithmetic means of the monthly high and low prices. The yield is computed from the average prices of the stocks. After April 1930 the average price is computed from Wednesday's closing prices, the monthly figures consisting of an average of the 4 or 5
Wednesdays in the month. Prior to April 1930 yields are based on an arithmetio Wednesdays in the month. Prior to April 1930, yi
average of the bigh and low prices for each month. rallroad, a public utility, and an industrial-have been furnished direct by the respective companies and represent the number of holders of common stock at the end of cach quarter; i. e. December figures are for Dec. 31, or Jan. 1. The figures for
the U.S. Steel Corporation in 1915 are for the end of the year. All averages given are averages of the quarterly figures. Quarterly data for the period 1923-81 are in the averages of the quarterly figures. Quarterly
1932 ANNUAL SUPPLEMENT OF THE SURVEY.

- 9-month average, April-December.


## Pages 65, 66, 67, 68, 69

${ }^{1}$ Datn from the United States Department of Commerce, Bureau of Foreign and Domestic Commerce. Complete monthly detalls may be found in the Monthiy
mmary of Foreign Commerce of the United States, published by this Bureau
merchandise. Genaral imports include merchandise entaring consumption changels immediatoly upon arrival plus entries into warehouse. Imports for consumption represent merchandise entering consumption channels immediately upon arrival plus withdrawals from warehouse.
All values are in specie through March 1933 and In currency dollars theresiter. The foreign values of imported merchandise are converted into United States currency at the rate of exchange prevailing the day the merchandise is shipped to the United States. Export values are those at time of exportation in the ports of the United States whence exported (except reexports from bonded warehouse, which are expressed at import values). The import value, as denned in section 402 of the of such merchandise to the United States, at which such or similar merchandice is of such merchandise to the United States, at which such or similar merchandise is
freely offered for sale to all purchasers in the principal markets of the country from which exported, in the usual wholesale quantitios and in the ordinary course of frade Fhcluding the cost of all containers and coverings of whatever nature, and all other costs, charges, and expenses incident to placing the merchandise in condition, packed ready for shipment to the United States." Essentially the same definition was carried in previous tariff acts.
${ }^{2}$ Cornpiled by the United States Department of Agriculture, Bureau of Agricultural
Economics. Annual indexes are averaces of the nionthly flgures. (Ses note 7 below) Economics. Annual indexes are averages of the nionthly flgures. (See note 7, below.) chandise. The adjusted index has been corrected for seasonal variation foreign merchandise. The adjusted index has been corrected for seasonal variation by factors selected from the deviations of the monthly figures for the period 1921 through 1931, irom the 12 -month moving average. The factors used prior to 1926 were slightly difierent irom those used for subsequent y
"The quantity and unit-value indexes have been constructed by the so-called "ideal formula", the essential feature of which is the use of the quantities of the seaveral articles as weighting factors of their unit values for each pair of years compared. Approximately 265 commodities (representing 60 percent of the value of United States merchandise exports in 1935) were included in the direct calculations. It was then assumod that the prices of articles in each economic class not directly covered had moved in parallel with those of articles covered, and their value, adjusted by the computed price index, was included in the aggregative totals from which the quantity and unit-value index of total oxports was calculated. In constructing the indexes, the dsta for 1919 were hinked direetly to 1913, and each subsequent year was into a series by the chain method. The resulting year-to-year percentages were made

Based on the value of general imports. The mothod of computing these indexes was the same as that for exports, described in note 3, except that tho sume factors have been used to correct for seasoral variation thronghout the entire period

- Jmport index numbers ars based on general imports for all years through 1933 and mports for consumption beginning 1034. The change in the busis of reporting impor tatistics made at the beginning of 1034 necessitated "splicing" the 1034 statistic (imports for consumption) to the statisties for early years (feneral imperts). This was accomplished by multiplying the 1933 general-inuert indexes by the percentate change in the quantity, unit value, and value of imports for consumption from $1 \$ 33$ to 1934.
The method of computing the import indexes was the same as that used for the export indexes (described in note 4). Approximately 265 commodities (representing 1 percent of the value of total imports for consumption in 1935) wore included in the direct calculations.
${ }^{7}$ Based on quantities of agricultural products exported in the period Itly 1909 o June 1914. Forty-four commodities, comprising more than 90 percert of tho value of agricultural exports from the United States, are covered in tho consumption. The cuantities are weighted by the average export price for tho base period. Details o the United States Department of Agricullure August 26, 1035. Indexes by inajor groups are also available in the reports of the reporting organizations.
Monthly indexes, adjusted for seasonal variation, froun July 1914 appeared on p. 18 of the October 1935 issue
86 -month average, July to December.
Exports to Germany in 1917 were valued at $\$ 3,275$
${ }^{10}$ The total in all years represents imports for consumption. The data by econnmio elasses represent imports for consumption for the period subsequent to jecember 1983. For 1933 and earlier years the figures are based on general imports, the total of which is shown on p. 68. Data on imports for consumption by econonic classos are not available prior to January 1934.


## Page 70

${ }^{1}$ Compiled from reports to the Interstate Commerce Commission. Dats cover total operations of the Raitway Fixpress Agency (formerly the American Railuay Ex-press Co.) and the Southeastern Erpress Co. from May 1921 , when the arst inonthly eport of the company was iled, thus presenting pract thes complete reports of the express business on railroads, plus the operations of these 2 comparies servicing
olectric lines, steamboats, stage lines, and airplanes. Operating income includes net operating revenues (equal to the differenco between total operating revonues and operating expenses), from which have bcen deducted uncollectible revenue from transportation and express taxes.
${ }^{2}$ Compiled by the American Transil Associalion. For a description of the series, notes 4, 5, and 6, below.
${ }^{3}$ Compiled by the Board of Governors of the Federal Reserve System, Division of Research and Statistics, and based on the loadings tigures fs reported by the Associalion of American Railroads (formerly called the American Railuay Association) The unadjusted index is based on the average revenue carloadings per working dny. The adjusted index is correoted for the usual seasonal variation, the adiustinent face ors having been derived by the "ratio to moving-average" method (for a detalled description see Federal Reserve Board Bulletin for Mirrch 1027, p. 172, the derived adjustment factors used are shown in the February 1931 bulletin, p. 110 ).
in cities of 25,000 population or over. These data purport to show the overamo mosh n cities of 25,000 population or over. buses, when rail service is abondoned, the bus fare is continued in the averace. The umber of citjes included in the average has faried from over 300 prior to 1032 to 268 cities in more recent months.
a Data for 1933-35 cover revenue passengers, Including bus passengers, carrled by 210 electric rafway companies, represonting about 92 varceut of the passenger traffic of all companies in the industry. Figures for 1929-32 have been linked jy the use of percentage changes based on the comparison of each month with the corrosponding month in the preceding year, the number of companies being identical in both years. For all Fears the companies represent 90 percent of the industry, or over; hence the
comparability of the series is not seriously affected by the extrapolation of the 19:99-32 compa
gures.
Data are estimates of total revenues from electric railways, motor-bis lines opergted by electric railways, motor-bus linos operated by subsidiary companies controlled by electric railways, and motor-bus lines operated by former electric ruilway com. panies which have abandoned all street-rallway operations; they do not include revenues from independent motor-bus companies or from motor-bus nperations subtu by intects the form operating ated by interests not identified with the former electric railway. Censu: for that year.
As of D
Deficit.
${ }^{1}$ See note 3 for p. 70.
Page 71
Complied (he Associalion of American Railroads (formerly the American Railaccordance with the number Division. Figures are placed on a monthly basis in and this number governs the number of weeks in each month of the vears prior to 1935. The months consist of exactly 4 weeks, with the exception of Miarch, June, August, and November, which cover 5 weeks. For further information see the
roport of the Association of American Railroads relating to cars of rovenue freight loaded, 1918-35, issued Jan. 15, 1936.

Page 72
1 Compiled by the Association of American Railroads (formerly the Anicrican Ratl. way Association), Car Service Division. Data cover class I railroads, oxclusive of Canadian roads, and represent a daily average for the last period of the month (las week through 1932, last half of month thereafter). In addition to reporting the idie cars (surplus), the association aiso reports the number of orders for cars which cannot be filled (shortage). However, as there has been practically no shortage in recent
years except for very briof pariods, owing to the geographical distribution of the years excent for very briof periods, owing to the geof
available equipment, tho latter series has been onied. , Compiled by the Interstate comm has been onied.
only ompied by the Interstate commerce commision. Data cover class $I$ railronds only those having annual operating revenues in excess of $\$ 1,000,000$ ) ond oxelude
switching and terminal companies. Figures shown in the 1932 AnNoal Supros switehing and terminal companies. Figures shown in the 1932 ANNDAL SUP1LB
ment and in some subsequent monthly issues of the Sunver include switehing and ment and in some subsequent monthly issues of the Survey include switeling and
terminal companies. The operating revenues of class I roatls represent about os percent of the total operating revenues of all roads. Net railway operating income percent of the total operating revenues of all roads. Net railway operating income accruals, uncollectible railwas reventes and net equipment and joint facility rents, Net income is the remainder after deducting from total inconse tho fised and con tingent charges and certain miscellaneous deductions. Annual totals of monthly net income figures here shown differ materially from net incomne shown in the annual reports, owing primarily to the elimination from the monthly figuros of intrasystema
dividend payments. Comparable data for net income prior to 1931 not availablo; dividend payments. Comparable data for net income prior to 1931 not availablo; sion. Note that flgures here published are based on the monthly reports of
the carriers and that yearly totals compiled thorefrom differ slightly from totals shown in the annual reports, because of minor revisions not available on a mionthly basis. Monthly data on operating revenues (including freight and passenzer revcajes, by months appeared on p. 20 of the A pril 1934 issue of the Sor the period 1922 to Includes both revonue and nonrevenue freight. issue of the SURVEY.
Includes both revenue and nonrevenue freight.
Complled by the United States War Department, Engineer Corps. Figures OURRENT Businkss, were compiled by the Boston Cape Cod ond THE Survey of Co. They average somewhat lower than the monthly averages computed from data reported by the Board of Engineers, since the latter figures take into account certain revisions not available by months when the fgures were reported by the canal company.
Compiled by the New York Slate Superintendent of Public Works. In 1935, the origin of the tonnage carried, by divisions, was as follows: Erie, 86.8 percent; Champlain, 7.8 percent; Oswego, 4.8 percent; Cayuga-Seneca, 0.6 percent. Monthly averwhich the canals are usually open.
Deflcit.

## Page 73

${ }^{1}$ Compled by the United States Department of Conmerce, Burea.. of Foreign and Domestic Commerce. Net ton represents 100 cubic feet carrying capacity after prescribed allowance for space occupied by crew, engines and other machinery, etc. ${ }^{2}$ Compiled by the Panama Canal Record. Data represent cargo carried by oceengoing commercial vessels, which include only tolls-paying vessels of 300 net tons or over, Panama Canal measurement, the smaller tolls-pajing craft being included in
local commercial traffic. Certain vessels which are exempt from paying tolls are reported under "noncommercial traffic.
Monthly dats on total tonnage for the period August 1914 through June 1935 appeared in the September 1935 issue of the SURVEr, p. 19 .
Compiled by the Dominion Bureau of Statistics, Canadian Department of Trade and Commerce. Monthly averages for each year are for 7 months, the equivalent of which period the canals are usually open; that is, the yearly totals are divided by 7 n order to present a figure fairly comparable with monthly movements.
include traffic through both the American and Canadian canals at Sault Ste. Ma.ia Monthly averages for each year are for 8 months during which time the canals are usually open; that is, the yearly totals are divided by 8 in order to present a figure fairly comparable with other monthly movements.

- Compiled by Le Canal de Suez.

O Alleghany, Monongahela, and Ohio River traffic compiled by the United States War Department, Corps of Engineers. This traffic is principally coal. Monthly figures are estimates of the cargo tonnage, while annual averages are based on actual records include large tonnages not distributed by months. Figures for the Ohio River represent the Pittsburgh district only, which includes, through June 1930, the stretch between Pittsburgh, Pa, and Beach Bottom, W. Va., just below lock no. 11, a distance of 77 miles: beginning with July 1930 the stretch was extended to Powhatan Point, Ohio, below lock no. 13 , a distance of 109 miles
7 Compiled by the Inland Waterways Corporation (Inland and Coastwise W'aterways Service, War Department, prior to July 1924). Data cover total cargo tonnage carried
by Federal barge line on the Mississippi division. The Mississippi division emby Federal barge line on the Mississippi division. The Mississippi division emhraces the Mississippl Rlver, Now Orleans to Minneapolis; the Illinois River, St. on the lower Mississippi (New Orleans to St. Louis) began in Septomber 1918; on on the lower Mississippi (New Orleans to St. Louis) June 1931; and on the Missouri River, June 1935.
8 -month average, August-December.
9-month average, January-September 1915 and April-December 1916. Canal closed during the intervening months, with only about 13,000 tons moved in this period.

## Page 74

1 Compiled by the United States Department of Commerce, Buraau of Air Commerce. Data cover scheduled air lines operating in continental United States. A passengermile is the equiva
3 Compiled by Horwath \& Horwath. Data represent a compilation from reports of a large number of hotels, transient and residential, throughout the country. In 1926, when the series were first compiled, reports from about 100 hotels were included. At the present time data cover reports from between 300 and 400 hotels in 121 cities (both large and small) located in 29 States. Figures for average sale per occupied room cover room revenue only. Separate figures for the principal cities are also
compiled and issued with the national summary. Restaurant sales are on hasis of compiled and i
dollar volume. from data for the following 10 parks-Crater Lake (Oregon), Glacier (Montana), Grand Canyon (Arizona), Mesa Verde (Colorado), Mount Rainier (Washington), Sequoia and Yosemite (California), Yellowstone (W Yoming), Zion (Utah), and
Carlsbad Caverns (New Mexico)-beginning with 1930 when 90,104 visitors and Carisbad Caverns (New Mexico-beginning with 1930 when 00,104 visitors and Sept. 15; hence the totals inciude data for this park during the 4 months only. Monthly averages prior to 1932 are for the travel year, Oct. 1 to Sept. 30.

- Pullman passenger traffic furnished by the Pullman Co.; revenues, from its reports to the Interstate Oommerce Commission.
Service. Data cover continental United States, Alaska, Hawaii and Naturalization Service. Data cover continental United States, Alaska, Hawaii, and Puerto Rico. No data relating to the Philippine Islands are included prior to May 1, 1934; beginning on that date the Philippine Islands are treated as a foreign country; hence, citizens of the islands admitted to the United States for permanent residence on and after May 1, 1934, are included as immigrant aliens. Emigrants represent alien
residents of the United States departed for intended permanent residence in a foreign country. Immigrants represent aliens or newcomers admitted for permanent resicountry. Immigrants represent aliens or newcomers admitted for permanent resicitizens cover all travel between United States seaports and foreign countries (except in recent years, when cruise or round-trip passengers are excluded), and permanent arrivals and departures via international land boundaries.
Compiled by the U. S. Department of State, Passport Division. Data represent total passports issued, including renewals.
3-month average, October-December.
Excludes 1,719,919 miles flown by Army planes, Feb. 20-May 31.


## Page 75

${ }^{1}$ Complled by the Interstate Commerce Commission through 1933; thereafter, by the Federal Communications Commission. Data prior to 1934 represent practically antephone carriers having annual operating revenues in excess of $\$ 250$, and $^{\text {a }}$, beginuary 1934 to October 1935, 58 in November 1935, and 57 in December 1935) baving annual operating revenues in excess of $\$ 250,000$. Ratios for the year 1933 between data for the 59 carriers and corresponding data for all carriers having annual operating revenues in excess of $\$ 250,000$ are as follows: Total operating revenues, 97.6 percent
station revenues, 97.2 percent; message tolls 98.2 percent; operating expenses, 97.9
percent; operating income, 96.4 percent; telephones in service on Dec. 31, 95.6 percent. The annual statistics for telephones in service prior to 1932 are as of Deo. 31. (See also note 3.) Note that the tigures given for Jan.-Iune 1936 in the monthly issues of the SURVEY are for 62 carriers. Annual operating revenues for the 59 carriers report
ing on a monthly basis in 1935 were 99.6 percent of those for the 62 carriers. ing on a monthly basis in 1935 were 99.6 percent of those for the 62 carriers.

- Based on returns to the Inverstate Commerce Commission through May 1934 and to the Federal Communications Commission thereafter. Data cover reports of the The operating revenues of Co. and the Postal Telegrapli-Cable Co. (land-line system). The operating revenues of these 2 companies in 1935 were 92 percent of the total for all telegraph and cahle companies. Data included for the Western Union Co. cover both telegraph and cable operations,
cover primarily telegraph operation.
o Owing to revisions in the accounting classifications effective Jan. 1, 1933, data beginning with 1932 for total operating revenues, operating expenses, and net operating income are not strictly comparable with those for earlier periods; the 1032 flgures have been revised in accordance with the new system of accounts. Data shown under net operating income prior to January 1932 represent operating income. Operating statistics for certain months reflect adjustments for refunds which cannot bo allocated to the periods in which they properly belong. These refunds are not sufficiently large to seriously distort comparisons, except in June 1934, when a large refund, covering a period of 11 years, reduced both the revenue and expense accounts by approximately $\$ 16,000,000$.
4 Deficit.
- See note 3 (last 2 sentences).


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${ }^{1}$ Compiled by the U. S. Treasury Department, Bureau of Internal Repenue, and represents complete coverage of the industry. Statistics are for denaturing plants sumption figures represent removals from the plants and include the amount shipped. to bonded dealers
Complete data, by States, withdrawals by formulæ for specially denatured alcohol, amount used in manufacturing, by kinds of products, etc., aro contained in the annua bulletin entitled "Statistics on Industrial and Beverage Alcohol", published by Monthly data shown on p. 125
hat monthly average stocks for of the 1932 ANNUAL SUPPLEMENT are correct, except 1 Compiled by the U. S. Treasury Department, Bureath of Internal Revenue, and represents complete coverage of the industry. The amount of alcohol withdrawn from bonded warehouse represents only the amounts withdrawn tax-paid and for denaturation. Additional quantities are withdrawn for hospital, scientific, and educational use; for use of United States and subdivisions; for export; and for transfer to vinegar plants. These transactions, of course, affect the stock figures which represent the amount remaining in warehouses at the end of each month. Stocks are also affected by losses.
More complete annual figures, including details by States, are contained in the annual reports mentioned in the preceding noto 1 .
Monthly data for tax-paid withdrawals for the period 1925 to 1934 were shown on p. 20 of the A pril 1935 issue. Most of the alcohol withdrawn tax-paid since the repeal of the eighteenth amendment is used in the rectifying of liquor.
Monthly data shown on pages 124-125 of the 1032 ANNUAL SUPPLEMENT are correct, except as follows: Production for A pril 1928 should be 10,784,000, instead of $11,784,000$; monthly average for production for 1228 should be $15,332,000$, instead of
$15,415,000$; stock figure for January 1927 should be $9,151,000$, instead of $3,563,000$; $15,415,000$; stock figure for January 1927 should be $9,151,000$, instead of $3,563,000$;
average for 1927 stocks should be $8,963,000$, instead of $8,497,000$; figure withdrawn for denaturing for August 1927 should be 13,212 , instead of 12,212; and average for1927 withdrawn for denaturing should be $13,591,000$, instead of $13,507,000$.
${ }^{3}$ Production data are from the U. S. Department of Commerce, Bureau of the Census,
xports from the U. S. Department of Commerce, Bureau of Foreign and Domeatic Commerce, and wholesale prices from the U. S. Department of Labor, Bureau of Labor Statistics. Formerly the Bureau of the Census compiled data on production, shipments, and stocks of refined and shipments and stocks of crude, as well as figures on production, shipments, and stocks of the byproduct, acetate of lime. Data from 1928 to 1931 for crude and for 1930 and 1931 for refined were shown in the 1932 ANNUAL SUPPLEMENT. Revised data for 1930 to 1932, inclusive, on methanol from wood distillation were presented on p. 20 of the April 1933 issue
cally the entire output of the industry, although data are not available from the cally the entire output of the industry, although data are not available from the biennial census subsequent to 1031 to check the coverage. for the period 1930 to 1883 , percent, and synthetic methanol 90 percent.
The refined equivalent of crude production is approximately 82 percent.
4uris series on explosives was compiled by the U. S. Department of Commerce, Bureat of Mines (now part of the U. S. Department of the Interior) until June 1933, and since that time by the Institute of Makers of Explosives. The data comprise black powder, permissibles, and other high explosives, but do not include ammuni-
tion and fireworks, nor the production of nitroglycerin, except insofar as nitroglyction and fireworks, nor the production of nitio
erin is used in the manufacture of explosives.
rin is used in the manufacture of explosives.
Figures are based on reports from all companies manufacturing black blesting Figures are based on reports from all companies manufacturing black blasting powder and permissible explosives; for high explosiv
data represent more than 96 percent of the industry.
These figures displace the data carried in the 1932 SUPPLEMENT on orders, production, shipments, and stocks of explosives, which did not represent as complete
coverage. The figures in the 1932 SUPPLEMENT were based on reports of mills that coverage. The figures in the 1932 SUPPLEMENT were based on reports of mills that
reported mill capacity. The Burcau of Mines reports certain ratio figures, based on reported mill capacity. The Burcau of Mines reports certain ratio fgures, based on
the capacity, which provide an indication of the trend. Considerable additional details are also provided.
Related statistics, by States, types of powder, and industrial uses, are given in the Related sarts of the institute. The principal uses are in the mining and construetion industries.
Monthly figures from 1920 through 1932 are shown on p. 19 of the January 1934 issue. 5 Compiled from reports of the Texas State Comptroller and the Supervisor of Public Accounts of Louisiana. Over 99 percent of all domestic sulphur produced prior to the latter part of 1932 came from Texas, but in recent years, with the development
of Louisiana properties, the output of the latter State has become increasingly im portant. The figures shown here are complete for each of these States, production in Louisiana having started in December 1932.
0 This series covers wood alcohol, methanol, zinc, refined, wood, 95 percent, carlot, drums, per gallon, New York.
i' 8-month average, May to December.
8 A verage for last 3 quarters of the year.

- Quarterly averages.


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1 Except for the price series, data are compiled by the U. S. Department of Commerce, Bureau of the Census, and represent the operations of fertilizer manufacturers only. These data are complete, except for the failure of a few small plants to report superphosphate manufacturers operating 104 plants. In 1933 the number of manu facturers dropped to 71 , because of 1 firm's going out of business, the merging of anotber, and the failure of 3 small plants to report; 71 reported in 1934 also, and 69 in continued business; hence the figures in the current monthly numbers are from 64 firms.

In the Census bureau reports, statistics are given separately for the northern district (States north of the Virginia-North Caroline line) and for the southern district (States south of above-mentioned line).
'Price data are from the U. S. Department of Labor, Bureau of Labor Statistics. Represents average wholesale price of sulphuric acid in tank cars at works. Price is available on a "per pound" basis prior to 1926.
${ }^{-1}$ Compiled by the National Fertilizer Association from tag sales reports of the commissionors of agriculture in 11 Southern States (Virginia, North Carolina, South Carolina, Georgia, Florida, Alabana, Mississippi, Tennessee, Louisiana, Ariansas,
and Texas). Tho data differ from those published in the 1932 Suppemenr in that and Texas). Tho data ditier from those published in the 1932 SUPplemenr in that for 1020 and 1921. Monthly figures from 1922 through 1932 appcared on p. 19 of the Jonuary 1934 issue.
The current reports of the association, in addition to providing figures for each Southern state, also contain data on sales for the five Midwestern States of Indiana, Inlinois, Kentucky, Missouri, and Kunsas.
Monthly records of fertilizer tax tags are kept by State control ofllials, and may be slightly larger or smaller than the actual sales of fertilizer. The flgures indicate the equivalent numbor of short tons of fortilizer represented by the tax tags purchased, and required by law to bo attuched to each bag of fertilizer sold in the various States.
I'here is a pronounced seasonal trend in such sales; for the years 1931 to 1035, inclusive, 80 percent of tho tag sales were made in the first four months of the year. ' Compiled by the $U$. S. Department of Commerce, Bureau of Foreion and Domestic
Commerce. 'the classiflcation shown is that of the National Fertilizer Association. Commerce. Ihe classification shown is that of the National Fertilizer Association.
Monthly data in the 1932 ANNUAI. Supplemznt agree with these flgures, oxcept for a Monthly data in the 1932 anNUAi. Supplemser agree with these flgures, oxcept for a
minor revision of the data for 1931. Imports are general imports through 1933, and imports for consumption subscquently.
9-month average, Aprll-Docember.
4-month average, September-December.

## Page 78

${ }^{1}$ Compiled by the U. S. Department of Labor, Bureau of Lator Statistics. Repre. sents the price of nitrate of soda (Chile saltpeter), ex vessels, spot, 100 -pound bags, New York
${ }^{2}$ Compiled by the U. S. Department of Commerce, Bureau of the Census, and are currently based on 69 manufacturers with 166 plants. These concerns represent practically the entire industry; on the basis of the Census of Manufactures, 1988, they produced 95 percent of the total value of superphosphates reported. It is not possible important manufacturers report bienially on a fiscal-yoar basis. Data through 1932 are from 87 manulacturers, the number h
subsequently by morgers, and by concerns going out of business.
Monthly data from the middle of 1928 to the end of 1931 were shown in the 1932 ANNUAL Supriemment. While monthly data are available only for the last 6 months of 1028, tho monthly average is for the full year. The December 1929 figure on stocks on p. 129 was incorrectly shown as $1,128,640$ short tons; tho correct figure is $1,328,640$. A distribution as between the northern and southern areas is given in the Census Bureau roports together with data on base and mixed goods; receipts of both bulk superphosphates and bulk and mixed goods from "other acidulators"; shipments to mixers, to other acidulators, and to "all other."
I Corapiled by the IIercules Pouder Co., Inc., Wilmington, Del., from reports of from 4 to 8 firms on steam-distillod wood naval stores. These data cover the entire industry.
1032 ANNUAI SORPLEMEYT 1932 ANNUAL, SUPriement. The series on pine-oil stocks was discontinued subsequent to A pril 1932. The following corrections should be made in the data in the 21,699 barrels; and March 1930 to 01 , 498 barrels.
21,699 Price data are from the U. $\stackrel{S}{5}$. Department of Labor, Bureau of Labor Statistics. The series on rosin is for 3 grade, yard basis (unit 280 pounds gross, ex yard) barrel, The saries on rosin is for i grade, yard basis (unit 280 pounds grose, ex yard, earrel,
Now York. The quotation on turpontino is for southern, in barrels, carlot, ex dock Now York. The quota
New York, in gallons.
Data in the 1932 ANNUAL SUPPLEMENT, by months, from 1023 are correct, except that the February 1923 figure for gum rosin should road $\$ 5.97$.
Bah, Jack on receipts and stocks of gum rosin and gum spirits of turpentine at SavanSavannah, Ga. Some of the early data were supplied by the Savannah Board of Trade, the Jacksonville Chamber of Commerce and the Pensacola Chamber of Commerce.

Pages 79, 80, 81, 82, 83
1 Takon from the quarterly and annual surveys of the U. S. Department of Commerce, Bureau of the Census. More detailed statistics are given in the reports of the Bureau of the Cerseus, the tigures given in the SURVEY representing only the summary totals. The following descrjption is quotod from the report for the years 1930 to 1934, as published under the title "Animal and Ve
PThe statistics in this report ielate to factory production, factory consumption, and factory and warehouse stocks. Three general classes of factories are canvassed for the data: (1) The producers of animal and vogetable fats and oils, including expressors, extractors, renderers, and reclaimers; (2) the consumers of fats and oils in the production of other fat and oll products, or products of which fats or oils form a constituent part, embracing primarily refners, mixers, compounders, and the like,
and secondarily manufacturers of varnish, soap, oilcioth, linoleum, etc.; and (3) manufacturers of tin plate, textiles, and leather, which products do not themselves contain or retain any considerable portion of the fats and oils used as agents in their manufacture.
way. The figur thase statistics might be further deflned by describing it in 8 negative lallow, and grease produced in the households, on the farms, and by the smaller local butcheries and meint morkets. The figures of consumption do not include the quanitios used eithor for culinary purposes by households, hotels, and bakeries, or by local painters, contractors, etc., or for lubrication purposes of any kind. The figures of stocks do not include any in the hands of householders, local tradesmen, retailers, wholesalers, or jobbers, except such as may be held in public warehouses. of these commodities, data as to stocks are collectod from that class of doalers.
"The limitations of the statistics, es indicated above musi be borne in mind in any analysis of them. In addition, consideration should be given to the fact that the schodule used in collecting the data carries more than 60 items, some of which are so closoly related in nature and uso as to lead to some confusion of terms by those furnishing the data.'
Numerous revisions of these data since the publication of the 1832 Strpplement tion should be obtained from reports issuod annuang py the data. Such information should be obtained from reports issuod annually by the burcau of the
under the title (year only changing) given in the first paragraph of this note.
Data on the production and consumption of total vegratable oils represents oils in the crude stato. Data prior to 1919 , which were collected by the U. S. Food Adminis.
tration, were published iu detail in the supplement to Bulletin 769 of the U. S. tration, were published iu
Departinent of Agriculture.
Detailed statisties are also given in the quarterly reports of the Burcau of the Census.
${ }^{2}$ Quarterly data on edible gelatin are collected by the United Stites Dopartmant of Commerce, Bureau of the Cerasus, from 12 establishments from 1023 to 1027, and for 11 concerns subsequently. The coverage of the industry is comploto.
Quarterly data given in the 1032 STPPLEMENT for the period 1025 to 1031 are comparable with the data shown.
Fcreign and Domestic Commerce. Import figures represent of Commerce, Bureau of Fcreign and Domestic Commerce. Import figures represent qeneral imports prior to 1934, and imports for consumption subsequently- copara and fiasseod are the only
oil seeds given here, but large quantities of castor beans, sesamo seod, and rapesced are importod, and some of losser importance as well.
fopports of total vegetable oils include cottonseed, corn, and linsced oils. Imports of total vegetable oils include the following oils: Tung oil, eweao butter, cocomut, soybean, and linseed oil. T'he figures for rapesced oil, reported in gailons, have licer: converted into pounds, allowing 73 pounds per callon.
${ }^{4}$ Compiled by the $U$. S. Department of Commerce, Burcau of the Census, on 8 monthly basis, beginning with August 1916, under the provisions of an act of Congress, approved Aug. 7, 1916. This act provides "that the Bureau of the Census shall collect monthly reports from all of the oil mills concerning cottonseed received, crushed, and on hand, and cottonseed products manufactured, shipped out, and on hand; also that information be obtained from the refinories and consuming estabishments and from brokers, warehousemen, and exporters concerning crude and refined cottonseed oil.
"There were 478 mills in the Cnited States which crushed cottonseed during the season of 1934-35, compared with 493 in 1933-31, 557 in 1927 24, and 763 in 1916-17. In addition there were 83 mills with the necessary equipment which dita not crush any cottonseed.'
Receipts of cot tonseed at mills include sced later destroyed, lut not seed reshlpped. Stocks of crude oil include holdings of crude mills and of refincre, and oil in trinsit to refiners, brokers, agents, and werehousemen, and oil in transit to renners and consumers. Refu transit to manufacturers of lard substitutes, oleomargarine, and soap). Yearly figures for these items are monthly averages for calendar years.
The data in the 1932 ANNUAL SUPILLEMENT are correct, execpt for minor revisions of the 1931 data. Tlese 1931 revisions may be found on $p$. 24) of the Feliruiry 1933 issue of the SURVEY.
${ }^{8}$ Wholesale price data are from the $U$. S. Department of Jabor, Jurcuu of Labor Statistics, except for the series on Đaxseed which is from the U, S. Dopartment of doriculture, Bureau of Agricultural Liconomics. The cottonseed-oil price reppesents yrime able-shortcning price rable, tank-ear deliveries, per pound, New York. the vegen the Chicago market. The oleomargarine orice is for standara, uncolorcd, in 1-pound cartons, at Chicago. The flaxseed price is an averace of daily triees, wejehted by car-lot sales, obtained from the Minneapolis Daily Market Ifcord. The linseed-oil price is for raw, car-lots, barrels, zone 3 , New York. Prior to Oetober 1925 , prices were quoted per gallon and have been reduced to a per pound basis at $7 / 2$ pounds to the gallon.
 with the data piven here. The price of vegetalle shortenings for the period 102 s throuph 1932 is on p. 18 of the January 1034 issue of the Sinvey
ic and bouded erain at Minneatolis and Duluth-superior totanoment of ic and bonfed grain at Minneapolis and Duluth-superior. Receipts and shipments represents stocks carried on the Sathrdin nearet tice cud of tie nionit.
 T Cron-preduction data are from the U.S. Deparlment of Auriculture IBuretue of Agricultural Economics. All tho feares are final except thent for 1035 , which revresent an estimate as of Dec. 1 , 1935, which is subject to correction in the final report issucd in December 1936 . Current estimates are in the monthly numbers.
8 Compiled by the Oil, Paint, and Drug Reporter, representing stocks on the Saturday nearest the end of the month. Monthly data back to 1923 are on 19. 138-130 of the 1932 ANNUAL SUPPLEMENT.
Chapments of linseed cake and meal are reported montliy by the Minneapolis Chamber of Commerce in its regular report on grain, fiax, mill produets, and hay. Reports show receipts and shipments, by carricrs. Monthy data are shown in the 1932 ANNUAL SUPPIEMENT; ininor revisions were made in several of the montlily averages, which are correctly noted in the present issue.
10 Data on tax-paid withdrawals and production of ole
10 Data on tax-paid withdrawals ancl production of olcomarcarinc, and data on the consumption of refined cottonseed oil sind refined coconnt oil in the production of oleomargarine, are from the U.S. Treasury Department, Burcau of Internal Revenue, rom returns for tax purposes.
Production data represent
Production data represent total output, while the consumption data represent tax-paid withdrawals of both colored and uncolored oleomargarine, consisting of all withdrawals for domestic use, except by the Government.
Monthly data are in the 1932 AnNual Suppiemment. Complete datn on the minteTreasury Department.
11 Data are reduced to bushels from the oricinal figures, which are reported in tons. 12 Compiled by the U.S. Department of Commerce, Juretul of the Census, from reports of 579 establishments, which, according to the Gensus of Manufactures of i988, produced about 80 percent of the total value of products of this initustry. Of his number, 344 reported classified sales and 235 reported only total sales.
Monthly dats on total sales for 1928 to 1934 , inclusivo, appeared on $p .20$ of the November 1935 issue of the SURVEY. Classified sales for 315 establishments for the
period 1928 to 1931 appeared on p. 141 of the 1932 ANNUAL SUPPLEMENT period 1928 to 1931 appeared on $p$. 141 of the 1932 ANNUAL SUPPIEMARNT.
12 Stock figures are as of the end of the year. For 1025 to 1931 the data are quar-
terly averages. terly averages.
is 5 -marterly average, August to Decomber.
${ }^{56} 7$-month average, June to December.

## Page 84

1 Data compiled by the $U$. S. Deparlment of Commerce, Bureau of the Census, and cover a varying number of concerns, as follows: January 1930 -Janinary 1933,38 manufacturers; February 1933-May 1933, 35 manufacturers; June 1033-1 eecenber 1033, 1936 (latest report available as this is written), 63 manufacturers. Honce, tho serics is not homogeneous for the entire period.
The 53 manufacturers at present included produced moro than 70 perfent of the quantity and 80 percent of the value of plastic paints, and moro than 90 percent of the quantity and 95 percent of the value of cold-water paints and calcimines, reported to the Census of Manufactures in 1833.
Additional data by classes of paints, as well as by poundage, aro shown in the monthly releases.
2 Statistics are
${ }^{2}$ Statistics are compiled by the U. S. Department of Commerce, Bureau of the Census, from reports of 8 manufacturers for the period January July 1933 ; 10 manufacurers from August 1933-May 1935; and 11 manufacturers subsequont to May 1935. ${ }^{3}$ Compiled by the Felt
number of reporting mills: 1921-22 (i1); 1923-64 (16); 1025-February of the following number of reporting mills: 1921-22 (i1); 1923-24 (16); 1025-February 1926 (17); Mareh
(20); 1931 (19); 1932 (18); January-April 1933 (17); March-August 1933 (15); Septem-ber-December 1033 (13); 1934 (15, except 14 for February); and 1935 ( 14 in JanuaryFebruary, 15 in March-August, and 16 in September-Lecember).
The association's reports are stated to cover about half of the industry, but data are not a vailable from the Census of Manufactures to check the coverage. The felt paper received and prices paid are included in the reports of the association.
paper received and prices paid are incoded series on prepared rofing supersedes the data contained 1932 ANNUAL SUPPLEMENT OF THE SURVEY. The present series is available only from January 1032. The 48 plants covered by the current reports cover practicall the entire industry.
The differences between this series and the one published in the 1932 SUPPLEMENT and subsequently in the monthly numbers through 1934 for 40 plants are relatively slight, as indicated by the following comparisons. Therefore, the monthly averages for 1928 to 1931 , inclusive, though not strictly comparable, are shown, together with a reference to this note.

| Series and year | Total | Grit roll | Shingles (all types) | Smooth roll |
| :---: | :---: | :---: | :---: | :---: |
|  | Thousands of squares (monthly average) |  |  |  |
| Present series: |  |  |  |  |
| 1932. | 1,935 | 466 | 450 | 1,019 |
| 1933. | 2,061 | 474 | 435 | 1,153 |
| 1934. | 2,000 | 457 | 473 | 1,070 |
|  |  |  |  |  |
| 1932.. | 1,897 | 4.58 | 439 | 1,000 |
| 1933. | 1,995 | 462 | 422 | 1,111 |
| 1934. | 2,018 | 460 | 484 | 1,076 |

Shipments of brick siding are not included in the present sories. In 1934 and 1935 these were equivalent to 1.0 percent and 1.6 percent, respectively, of the totals here shown.
While these monthly averages are not strictly comparable with the monthly figures for 1932 to 1935 , inclusive, the differences between the 2 series are so slight as to be unimportant. See note 4 above for comparative data for the 2 series for which overlapping figures are available.

## Page 85

${ }^{1}$ Compiled by the U. S. Department of the Interior, Qeological Survey (after May 1933 by the Federal Power Commission). Data represent totals for all plants propucing 10,000 kilowatt-hours or more per month, which generate elechricity for plants in 1935. The net output of the following types of plants is included in these reports-central stations, both commercial and municipal; electric railway plants; plants operated by steam railroads generating electricity for traction; Bureau of Reclamation plants; public-works plants; and that part of the production of elecricity by manufacturing plants which is sold. Prior to March 1928, production in central stations was segregated from that produced in other plants by the $U$. $S$. Department of Commerce from the original records of the reporting firms on file with the Geological Survey. Since March 1928 this segregation has been made by the Geological survey.
Monthly data, segregated by the various types of producers (other than central tations) mentioned above are not separately published, but are available on a yearly basis
Association). by the Edison Electric Institute (formerly the National Electric Light Association). Data represent the operations of enterprises devoted exclusively to plants which maintain electric light and power systems jointly with other publicplants which maintain electric light and power systems jointiy with other publicdustry, are based on reports from companies representing over 80 percent of the industry, together with the returns of municipal systems and others filed with the various public service commissions
The difference between the total here shown and the sum of the groups represents the sales to municipalities (for other than street-lighting purposes) and miscellaneous ales.
See note 1 , above, for the types of producers included.

- Includas minor revisions not available hy months.


## Pages 86, 87

1 Compiled by the American Gas Association. Data for 1834 and earlier years cover only those companies which were distributing manufactured or natural gas at the beginning of 1934. For example, former distributors of manufactured gas who tured-gas figures for all years and have have been excluded from the manal gas. Figures for 1935, representing practically complete coverage of the industry, cover companies classifed according to the kind of gas they were distributing in 1935; they, however, include some revisions which were not available when data were originally published in the monthly issues of the Suavex. Revised data for manufactured gas, corresponding to the figures as here shown, are given on p. 20 of the June 1936
SURVET, and revisions for natural gas are on p. 14 of the August 1936 issue. The SURVET, and revisions for natural gas are on p. 14 of the August 1836 issue, The
annual totals for 192935 for companies classifiod according to the kind of gas they were distributing in 1935 are shown in the Annual Statistical Bulletins of the American Gas Association published in October 1936. Monthly figures on this basis will be shown in the association's annual supplement which will be available about March 1937.
Companies selling mixed manufactured and natural gas are included with data for manufactured gas. Figures for natural gas do not include natural gas used in field operations and in the manufacture of carbon black, or gas used by distributing companies in the conduct of their gas operations. Natural gas used for house heating is included with that used for domestic purposos.

## Page 88

1 Statistics are compiled by the U. S. Treasury Department, Bureau of Internal Revenue, and represent complete eoverage of the industry. The number of breweries perated and the amount produced, removd by pipe ine, removed in barrels and kegs, and stocks on hand, by States, are given in the regular monthly press releases. Consumption statistics cover tax-paid withdrawals only, and exclude the amount withdrawn for export, consumed on brewery premises, used for cereal beverages, and lost.
Earlier monthly data are not available. Annual dsta, including statistios for cereal beverages containing less than $1 / 2$ of 1 percent of alcohol, by volume, for the prohibition period, are available from the same source
and provide complete coverage of the industry.

The total includes rum, gin, brandy and light wines, alcohol and other spirits, in addition to whisky, which is shown separately. Additional details are provided in the regular reports of the Bureau of Intarnal Revenue. Brandy withdrawn from fruit distilleries for fortifying purposes is taxable at a different rate, and hence is shown separately on the Bureau of Internal Revenue reports.
Revente on rectified spirits are from the U. S. Treasury Department, Bureau of Internal Revenue. Details, by kinds, and the materials used, by kinds, aregiven in the reports
of the Bureau. of the Bureau.
direct from fruit of distilled spirits (withdrawn tax-paid) plus brandy (tax-paid Birect from fruit distilleries, plus ethyl alcohol (withdrawn tax-paid) equal the shown on the report of tax-paid products, indicated by the monthly report on sales of stamps.
s Average of months shown.

## Page 89

${ }^{1}$ The apparent consumption is computed by the $U$. S. Department of Agriculture Bureath of Agricultural Economics, and represents the disappearance of butter and tion (comprising actual factory output), imports and exports, and the change in cold tion (comprising actual factory output), imports and exports, and the change in cold
storage holdings. The series on butter differs from that shown in the 1832 AnNoAt storage holdings. The series on butter differs from that shown in the 1932 ANNOAL
SUPPLEMENT OF THE SURVEY or OURRENT BUsINESS, in that farm butter production SUPPLEMENT OF TH
as been excluded.
Monthly data on butter for the period 1917-32 appeared on p. 19 of the June 1933 issue of the SURVEY. The series on cheese was not changed, since these data have been compiled uniformly on the basis of factory production. Some revisions of the 1933 issue. 1933 issue.
a
A
City, as compiad by the $U$ prices of crearnery butter, 92 score, at New York City, as compiled by the U. S. Department of Apriculture, Bureau of Apriculturu large distributors, in less than carload lots receivers to jobbers, chain stores, or othe Monthly data for the period 1923-31 are SURVEY OF CURRENT BUSINESS.
${ }^{2}$ Compil nomics from reports of the factories made direct to the Bureau of Agricultural Eco with the year 1929 are the most complete since these reports were inaugurated; some allowance, therefore, should be made for this when comparing production since 1929 with that of previous years.
Total cheese includes cottage, pot, and bakers' cheese, as well as other varieties.
4 Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Eco nomics and represents the gross weight of the receipts at New York, Chicago, Philadelphia, Boston, and San Francisco.

- Oold-storage holdings are reported by the U. S. Department of Agriculture, Bureau of Agricultural Economics, on the basis of net weight. Data cover stocks held in public and private cold-storage warehouses and are approximately complete. The monthly figures are the stocks as reported for the Ist of the month following the period designated.

Data on cold-storage holdings of cheese were revised for the period 1927-31 because of a transter of certain amounts of American cheese from the designation of "current trading stocks" to "cold-storage stocks." Revised data are on p. 19 of the April 1933
issue of the SURVEY. Monthly data in the 1932 ANNUAL SUPPLEMENT for the period 1923-26 are comparable with these data.

- Imports include all classes and are reported by the U.S. Department of Commerce Bureau of Foreign and Domestic Commerce. General Imports through 1933 and imports for consumption thereafter.
${ }^{7}$ The average wholesale price of American cheese is for No. 1, fresh single daises, a New York. It is reported by the U.S. Department of Agriculture, Bureau of Agrtcul tural Economics. Quotations are based on open-market sales made for cash or short time credit, consideration being given to prices at whioh the larger quantities are sold.
Includes only whole-milk cheese; cheese made in whole or part from skim milk is excluded. Latter generally represents from 1 to 2 percent of the total American cheese output.
o $\delta$-month average, August-December.
10 o-month average, January-September.
11 11-month average, January-November
${ }^{12} 11$-month a verage, February-December.


## Page 90

I Data on production and stooks are from the U. S. Department of Agriculture, Bureau of Agricultural Economics, representing practically the entire industry Condensed milk is sweetened
simply milk reduced in volume.
Monthly data on evaporated milk (bulk goods) are issued annually by the Bureau of Agricultural Economics. Monthly data for the period 1913-30 are in the 193 ANNUAL SUPPLEMENR OP THE SURVEY OF OURRENT BUSINEGS.
${ }^{2}$ Exports are from the U. S. Department of Commerce, Bureau of Forcion and Domestic Commerce.
${ }^{3}$ From U. S. Department of Labor, Bureau of Labor Statistits. The price for con densed milk is per case, carlots, New York (oase contains forty-eight 14 -ounce tins.) The price for evaporated milk is per case, carlots, New York (case contains forty oight $141 / 2$-ounce tins). Monthly data for $1923-31$ are in the 1932 ANNUAL SUPPLE MENT.
4 Consumption of milk and other ingredients in the manufacture of oleomargarine
is reported by the $U$. $S$. Ireasury Department, Bureau of Internal Revenue is reported by the U. S. Treasury Department, Bureau of Internal Revenue. ing most of the area within ay members of the 4 winn City Milk Association, includ ing most of the area within a 40 -mile radius of Minneapolis and St. Paul. Tbe association estimates that it handies about berton by rail, from the Massachusette Department of Public Utilities.
7 Compiled by the U. S. Department of Agriculture, Bureau of Agriculturat Eco nomics. These data represent the receipts by rail and truck of fresh whole milk at New York City and the surrounding metropolitan area. These data displace statistics previously appearing in the SURveY on this subject. The old series in cluded whole milk, cottage cheese, buttermilk, and skim milk, as well as raw milk. Also the statistics reported by one railroad included all milk hauled, whothor it was dolivered to Now York City or other cities.
s Dry-milk production and stocks figures are from the U. S. Department of Agri-
calture, Bureare of Agricultural Economics and cover the principal firms operating culture, Bureare of Agricultural, Economics and cover the principal firms operating
dry-milk factories in the United States. Included are powdered milk derived from dry-milk factories in the United States. Included are powdered milk derived from whole milk and skim milk; excluded is a small amount of part skim milk.
the 1932 ANNUAL SUPPLEMENT and in the monthly numbers through the midd in 1935.

96 -month average, July-December.
16 -month average, Mtay-December.

## Page 91

${ }^{1}$ Data are from the U. S. Department of Agriculture, Bureau of Agricultural Economics. The crop estimates, except for 1935 , are the final figures. The carlotshipment data includo shipments by boat, reduced to carlot equivalent, but do not and method of carriago (freight, express, and boat).
Shipments of citrus fruits include all types.
Tho monthly averages of cold-storage stocks of apples are based on tho 9 months January to May and September to December. Small stocks sare carried during the summer months, but reports for these periods are incomplete; hence, the reported data aro not included in tho tabulations.
' Quotation on potatoes is for white, Long Island No. 1, por 100 -pound bags, New
York, as reported by the $U$. $S$. Department of Labor, Bureau of Labor Statistics. ${ }^{1}$ Compiled from statistics of the $U$. $S$. Department of Comper of Labor statistics. and Domestic Commerce. Includes exports of barloy, corn oats, rye, and wheat, plus malt (converted on the basis of 9 ,fo of a bushel to a bushel of berley); cornmeal converted at 4 bushels to the barrel); and oatmeal (converted at 5.21 bushels to 100 pounds). Wheat flour is converted at the rate of 4.7 bushels to the barrel. For periods when barley flour and rye flour were exported, these were converted at 5.5 ushels to the barrel for barley and 6 bushels to the barrol for rye flour.
Compiled from source indicated in note 3 above, using the converslon factor ndicated for malt.
${ }^{3}$ The U. S. Department of Agriculture, Bureau of Agricultural Economics, has compiled data on these 2 grados of barley only since July 1934. Previously one quotation had beon given, for which see ther and subsequent monthly numbers.
o Crop estimate is from the U. S. Department of Agricullure, Bureau of Agricultural Economics. Figures aro final, except for 1935 .
7 This series differs from that published in the 1932 Annual Supplement of THE SURVEY OF CURRENT Buanness. It is compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics, and represents the receipts at Min neapolis, Milwakee, Chicago, and Duluth, as reported in market publications. ${ }^{8}$ Includes domestic barley in store in public and private elevators in 41 markots and barley afloat in vessels or barges in harbors of lake and seaboard ports. Does not include stocks in transit either by rail or water, stocks in mills or mill elevators
attached to mills, or private stocks of barley intended for local use. The flares are attached to mills, or private stocks of barley intended for local use. The Agures are
compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics.
This series differs from the one published in the 1932 ANNDAL SUPPLEMENT and This series differs from the one published in the 1932 ANNDAL SUPFLEMENT and
monthly numbers through most of 1936 . These figures are reported by Dun and Monthly numbers through most of 1936 . These figures are reported by Dun and tocks to some extent.

- Includes $6,724,000$ bushels in 1926, 220,000 in 1932, and 1,017,000 in 1935 not harvested on account of market conditions.
10
$9-m o n t h ~ a v e r a g e, ~ J a n u a r y-M a y ~ a n d ~ S e p t e m b e r-D e c e m b e r . ~$
10 g-month average, January-May an
Page 92
${ }^{1}$ See note 3 for p. 91 above.
${ }^{1}$ Corn ground by the wet process has been reported by the Corn Refiners Statistical Bureaus.
The flgores include grlndings for both domestic consumption and export. Note In the monthly numbers that the method of reporting was changed in July 1936, and subsequent to that date the data reported monthly are for grindings for domestic
use only. The grindings for export are to be reported only quarterly hereaiter. In May and June 1936 the grinding for export amounted to less than 5 percent of the total; the proportion for earlier periods was not given by the association.
${ }^{2}$ From the U. S. Department of Agriculture, Bureau of Agricultural Economice rom published data and represents the weighted average price per bushel, the weighting being by the number of cars sold.
urel Ef estimates are irom the . Department of Agricullure, Bureau of Agricul iural Economics, and are final, except for the latest year sbown.
- Data are reported by the Chicago Board of Trade on a weekly basis, and the monthly figures are secured by prorating the overlapping weeks. Statistics cover interior primary markets.
Stocks of domestic corn and oats in the United States are from the U. S. Department of Agriculture, Bureau of Agricultural Economics. They include domestic grain in storage in public and private elevators in 41 markets and grain afloat in transit either by train or water, stocks in mills or mill elevators attached to mills, or private stocks of grain intended for local use.
The series differ from the series on visible supply as reported by Dun and Bradatreet, published in the 1932 Annual Supplement and subsequent monthly numbers through most of 1936. The visihle-supply figures covered stocks east of the Rockies, and include private stocks to some extent.
$7 \boldsymbol{A}$ verage of months shown.


## Page 93

${ }^{1}$ Reported hy the $U$. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Figures are on a clean equivalent basis, with rough rice reduced on the basis of 162 pounds of rough to 100 pounds of clean, Imports represent general im. ports through 1833 and imports for consumption slace that time. Monthly data roin 1923 -31 are in the 1932 SUPPLEEMENT.
${ }^{2}$ Thatistics, and sories is reportod by the $U$. S. Department of Labor, Bureau of Labor Slatistics, and is for rice, blue rose, head, clean, medium to good, New Orleans. Seo the 1932 Suprlemeny for earlier monthly data.
i See note 4 for prcceding page.
rom reports of all mills in Louisiana Texas, reported by The Rice Millers Association from reports of all mills in Louisiana, Texas, Arkansas, and Tennessee. Brewers' rice is excluded from ad figures. The stock figures include both rough
rico, but do not include rice in store in other positions than at mills.
rico, but do not include rice in store in other positions than at mills.
Oompiled by the U. $S$ Department of Agriculture, Bureau of Apricultural Eco nomics, from data reported by the Rice Millers Association, and cover the movement at all mills in California. Brewers' rice is not included. The stock figuros include both rough and milled rice, but do not include rice in store in other positions than at mills. The reports of the Department give additional details.

- Exports of rye, including flour, are from the $U$. S. Department of Commerce Bureau of Foreton and Domestic Commerce. The conversion factor for flour is 6 bushols of rye to the barrel. Earlier monthly figures are in the 1932 ANNUAL SUPPLEMENT.
${ }^{1}$ Weighted avorage price per bushel of reported cash sales, Minneapolis, is computed by the U. S. Departinent of Agricullure, Bureau of Aoricultural Economics. Weighting is based on the number of carlots sold. See the 1932 ANNUAL SUPPLE MENT for earlier monthly data.
- This series on receipts of rye was published in the November 1932 number, p. 20. for the period August 1920 through 1931. It is compiled by the U. S. Department of for the period August 1920 through 1931 . It is compiled bs the Burcau of Agricultural Economics, and represents recelpts at Minneapo-
lis, Milwaukee, Chicaro, and Duluth. Series is computed from weekly totals by prorating the overlapping weeks.
io stocks of domestic rye are from the UVES Sor earlier data by moriths. Bureau of Agricullurat Economics and include domestic rye in store in public and private elevators in 41 markets and rye afloat in vessels or barges in harbors of lake aud seaboard ports. Does not include rie in ransit either by rail or water, stocks in mills or mil elevators attached to mills, or private stocks of rye intended for lacal uso.
Monthly data for the period $1927-31$ appeared on p. 20 of the November 1932 issuc of the Scrivey.
The stock figure is for the Saturday nearest to the 1st day of the month. The Department of Agriculture also publishes monthly data on United States rye stocks in Canada, and stocks of Canadian rye in both the United States and Canada.
${ }^{11} 5$-month average, August-December


## Pase 94

1 Compiled by the $U$. S. Department of Commerce, Bureau of Forann and Domestic Commerce. Wheat Ilour has been converted to wheat equivalent on the basis of 4.7 ushels to the barrel.
Earlier monthly data are in the 1932 ANNUAL SUPPi.EMENT.
${ }^{1}$ Compiled by the U. S. Department of Agriculture, Bureau of Agriculturat Fconomics, hand represents average prices per bushel or reported eash sales, weiphted by the number of cars sold. The weighted average price in 6 monins ropresents tho reported cash sales of all classes and grades combined at the following markets: Chicago, Minneapolis, Kansas City, St. Louis, Omaha, and Inuluth.
The saries on No. 1, dark northern spring, replaced the series carried in the 1932 anndal Supplement of the Survey. Monthly figures for the period August 1017 to December 1934 appeared on $p .20$ of the June 1935 issue. Frior to the promulgation of the Federal grades, Aug. 1, 1917, the subclassed dark northern did not exist.
Monthly data for the period 1923-31 for the other series are in the 1932 ANNUAL SUPPLEMENT.
${ }^{2}$ Crop estimates are from the $U$. S. Department of Agriculture. Bureau of Agricultural Economics, and are final for all years except 1935, which is subject to revision when the final figures are established in December 1938
for primereceipts and shipments are compiled weokly by tho Chicapo Board of Thade for primary markets. Monthly totals are computed by prorating the figures for the verlapping weeks.
warlier monthly deta are in the 1932 ANNUAL Supplement of tire Surver.
edition, covers wheat in second hands and flour converted into terms of whest. Stocks in the United States, Canada, United Kingdom, Argentina, and afoat for the Continent and "for orders"' are included. Stocks in Austradia wero addod beginning in September 1925.
Monthly figures for the period 1923-32 are in the 1932 ANNUAL Surplemant or TEE SURVEY.
${ }^{1}$ Compiled by the U. S. Department of Agriculture, Burcau of Aoricultural Economics. The series on domestic stocks includes donestic grain in storage in public and private elevators in 41 markets and grain afloat in vessels or barges in harbors of lake or seaboard ports. It does not include grain in transit either by train or water, stocks in mills or mill elevators attached to mills, or private stocks of grain intended for local use. Stocks of Canadian wheat in Canada includes pactically all Canadian Wheat beld within Canadian borders exclusive of farm and certain mill stocks. These
figures differ from those entitled "visible supply" as shown in the 1032 ANNUAL SUPPLEMENT and in monthly numbers through most of 193n, in that the series shown cover stocks of grain in most of the recognized grain centers in the United Statas and exclude private stocks, while the data on visible supply noted above cover stocks of grain, east of the Rocky Mountains only, and include private stocks to some extent. Domestic stocks are for the Saturday nearest the 1st of the following month (i, e., January figure is for the Saturday nearest the 1st of February).
Monthly data for the period 1927-31 are on p. 19 of the June 1936 issue.
7 Mill stocks are reported each quarter by the U. S. Department of Commerce Burear of the Census, from some 900 mills which produce well in excess of 90 percent of the total output of flour, according to the Biennial Census of Manufactures. The variations in the number of mills covered by the reports is slight and not sufficient to necessitate an adjustment in the series for the shifts in coverase. The yercentage of the United States wheat-flour output represented by the mills reporting is given n each quarterly report.
Separate figures are given in the quarterly reports for mill stocks held in country elevators, in public terminal elevators, in private terminal elevators not attached to mills, In transit and bought to arrive, and in mills and mill elevators attaclied to mills. Only the total of all these stocks are given lere. Figures by States are also given in the reports.

- Average for the June and December figures.

A verage for the June and December
10 A verage of end-of-quarter figures.

## Page 95

${ }^{1}$ Reported by $U . S$. Grain Corporntion prior to July 1920, covering practically the entire industry; beginning with July 1920, from l2ussell's Comsnercial Aews, the production and stock figures being prorated to 100 percent from representative
current data bearing a known relation to the total fikures. Stocks represent flour in current data bearing a known relation to the total fisures. Stocks represent flour in
all positions. Consumption is calculated from production, stocks, exports, and imports.
Monthly data for the period 1923 to 1931 are in the 1932 Annual Supimement. Note the following changes in the 1931 data (thousands of barrels): Consumption, uly, 8,195; August, 10,442; September, 10,564; Oetober, 11,093; Novenber, 8,905; and December, 9,892. Production, July, 10,400; August,
${ }_{2}$ Exports of flour compiled by the V.S. Department of Commerce, Burcau of Foreign and Domestic Commerce. For montlily data back to 1923 , see tlie 1932 anNual SUPPLEMENT.
${ }^{2}$ Compiled by the U. S. Department of Commerce, Bureau of the Census, from monthly returns from over 1,000 merchant mills that normially manufacture 5,000 or more barrels of four annually. According to the Biennial Cezsus of Mannfactures, these mills produced 88 percent of all flour manulactured in 1923, 91 percent in 1025, 92 percent in 1927, 96 percent in 1929, 92 percent in 1931 , and 99.7 percent in 1933.
On the basis of the final revised figures for the mills which reported detailed producOn the basis of the final revised figures for the mills which reported detailed produc tion at the Biennial Census of Manufactures for 1933 , the output of wheat flour rep-
resented by the mills reporting during the montlis of 1935 approximated almost 90 resented by the mills reporting during the months of 1935 approximated almost 90 percent. These data for earlier years are shown in special reports of the Census quarterly, was atarted by the Bureau in August 1934 . This series inelndes the operagions of the merchant mills, statistics for which are reported monthly, and the operstions of the merchant mins, statistics for which are reported monthay, and the opera
tions 0 other mills", from which data are collected quarterly These "other mills" do principally a local or custom business and are not included in the monthly production releases.

The total production for 1034 and 1935, as roported by the Bureau of the Census on the basis of its monthly and quarterly reports was as follows:

| Mills | Total production |  |
| :---: | :---: | :---: |
|  | 1934 | 1935 |
|  | $\begin{gathered} \text { Barrels } \\ 100,463,474 \end{gathered}$ | Barrels 98, 387, 089 |
| Merchant mills........ | 97, 752, 155 | 96,743,424 |

The figure representing the percent of total capacity operated is derived by multiplying the daily 24-hour capacity in wheat four (as reported) by the number of workng days in the month. The result is known as the maximum rated output. This figure is then divided into the total wh
the percent of total capacity operated. sent averages of weekly quotations. The Minneapolis quotation is hard spring Wheat, standard patents, barrel in $98-$ pound cotton sacks, carlots, i. o. h., Minneapo is. The Kansas City price is for hard, winter, straights, 196 pounds in cotton or jute bags. For prior data, see the entitled "Wholesale Prices", published by the Department of Labor.
Mill stocks are reported each quarter by the $U$. $S$. Department of Commerce, Burcau of the Census, from 000 or so mills which produce well in excess of 90 percent 0 the total output of flour, according to the Biennial Census of Manufactures. The variation in the number of mills covered by the reports is slight and not sufficient to necessitate an adjustment in the series for the shifts in coverage. The percentage of the United States wheat-fiour output represented by the mills reporting is given in each quarterly report.
Stocks include wheat-flour held by mills in mills, public and private warehouses,
In transit-sold and unsold. In transit-sold and unsold.
Quarterly data for the period June 1925 to December 1931, inclusive, are on p. 158 of the 1932 ANNUAL SUPPLEMENT OF THE SURVEY

- Data not a vailable.

6-month average, July-December.
Average of 2 quarters, June and December.
Quarterly average.

## Page 96

Except the price data, all series are compiled by the U. S. Department of Agri culture, Bureau of Agricultural Economics. These data represent the receipts and disposition of livestock at all public stockyards (between 60 to 70). Data covering the receipts and shipments beginning 1915 are shown in a special bulletin issued by the U.S. Department of Agriculture entitled "Livestock, Meats, and Wool Market Statistics and Related Data, 1934." For earlier data on local slaughter, see the 1932
ANNUAL Supplement of the Survey. ANNUAL SUPPLEMENT OF THE SURVEY.
For the period October 1934-February 1935, the data include livestock slaughtered for the account of the Federal Surplus Relief Corporation.
Local slaughter represents the number of animals passing through public stockyards that are later sold to be slaughtered locally and includes animals that might ater be condemned as unfit for use.
Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. These date are averages of prices for the month. The cattle price is for steors, good to choice ewes is for fair to best; and for lambs the price is for native, fair to good.
From Aug. 22 to Oct. 7,1933 , data include many pigs and sows received for govern ment account in the hog-production control program.

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${ }^{1}$ Apparent consumption, including meat produced under Federal inspection, is computed by the U. S. Department of Agriculture, Bureau of Agriculural Economics from the inspected slaughter, less condemned animals, plus net imports. less exports and the change in cold storage holdings. Monthly data from 1923 on are shown in the 1932 ANNUAL SUPPLEMENT. Data prior to that date appear in special annual
publications of the Department of Agriculture entitled "Livestock, Meats, Wool publications of the Department of Ag
Meat consumption does not include the meat derived from the slaughter of GovMeat consumption does not juclude the meat derived from the slaughter of Government animals in the period June 1934-February 1935. Slaughter of Government purchases uncer Federal inspeotion
${ }^{3}$ Production of meats from animals slaughtered under Federal inspection reported by the U. S. Department of Agriculture, Bureau of Animal Industry, given as total dressed weight, excluding meat from condemned animals. The slaughter under Federal inspection accounted for 67 percent of the total slaughter of all cattle, 60 percent of the calves, 79 percent of the sheep and lambs, and 63 percent of the hogs in
1934. The ratios for earlier years approximated these figures of 1934 . For the number 1934. The ratios for earlier years approximated these figures of 1934. For the number of animals actually slaughtered under Federal inspection, see the section under leather and leather products in this book. Government slaughter is not included for the period June 1934-February 1936. (See note 1 above.) For monthly data from 1923 on, see the 1932 ANNUAL SUPPLEmeNr. Data prior to that date appear in special annual publications of the Department of A A
W Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Figures represent storage holdings on the last day of each month and are about 98 percent complete. Total stocks of meats include beef and veal, mutton and about pork and their products, and miscellaneous meats. The last-mentioned includes frozen and cured trimmings and edible offal; beef holdings include frozen bee end beef in process of cure and cured; mutton and lamb include frozen mutton and lamb; and pork includes frozen pork, cured pork, and pork in process of cure Monthly data from 1923 are shown in the 1932 ANNUAL SUPPLEMENT. Dats prior to that date are pablished in a bulletin of the Department of Agriculture entitled "Cold Storage Efoldings.'

- Compilod by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Exports of beef and pork include fresh, canned, pickled, and cured meats Lard and neutral lard are included with other pork products in the compilation. as skown are monthly averages of monthly figures.
as shown are monthly averages of monthly figures. refned lard at Chlcago, which is shown on p. 18 of the January 1934 SURver for the period 192b-32, inclusive.
- Compiled by the U. S. Department of Agriculture, Burcau of Agricultural Eco
delphia, Chicago, and San Francisco. Monthly data beginning January 1923 a shown in the 1932 ANNOAL SUPPLEMENT. Prior data appeared in the June 1922 monthly issue of the SURVET.
${ }^{7}$ Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics, representing about 98 percent of all stocks beld in public and private warehouses. Data covering frozen eggs beginning January 1916 were shown in the May published in the 1932 MNNOAL Suta covering both poultry and ege holdings were 8 One case of eggs equals 30 dozen, or about 45 pounds net.
- 5 -month average, August-December.


## Page 99

${ }^{1}$ Imports of cocoa and coffee complled by ther $U$. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Imports of coffee have been reduced to bags from original data in pounds, 132 pounds to the bag. Data represent general imports prior to 1934 and imports for consumption subsequently.
Monthly data back to 1923 are in the 1932 ANNUAL SUPPLEMENT OF THE SURVEY.
${ }_{2}$ Spot price of Accra cocoa compiled by Scarburgh Co., New York (formerly reported hy George C. Lee Co.) and represents the average daily price in the Now York market. Monthly data beginning January 1923 are shown in the 1932 anNUAL SOPPLEMENT.
${ }^{8}$ Exports of unmanufactured cocoa compiled by the New York Cocoa Exchange and represent the amount of raw cocoa shipped from the Gold Coast and Nigeria (Africa). Data beginning January 1924 are shown in the 1932 AnNOAL SUPplemment. ${ }^{4}$ Data on coffee, except imports and prices, are from the New York Coffee and Sugar Exchanoe, Inc. Brazilian figures cover the ports of Rio, Santos, Bahia, Victoria, Pernambuco, and Paranagua-Victoria being added in 1825 and Pernambuco and Paranagus at the end of 1927 , these 2 ports being of small importance in coflee movement prior to those years. The world-stock figure shown includes the stocks in the United States, Europe, Brazilian ports and afloat for the United States and tics excluded interior stocks in Brazil. Monthly date from "visible supply" statisthe April 1928 issue 123 . For subsequent data see the 1932 a to 1923 appeared in the April 1928 issue, p. 23 . For subsequent data see the 1932 ANNUAL SUPPLEMENT senting averages of weekly prices in the New, York wholesale markets, except that senting averages of weekly prices in the Newi, York wholesale markets, except
prior to 1918 the prices are averages of quotations on the lst day of the month. prior tomonth average, January-July.
7 6 -month average, January-July.
average, July-December.
a-mata not available.

- 10 -month avarage, January-October.

108-month average, April, May, June, September, October, and December.

## Page 100

${ }^{1}$ Total stocks in Cubs, meltings and stocks at refineries in the United States, from the Statistical Sugar Trade Journal. Stocks in Cuba represent all stocks on the island, instead of shipping points as published in issues of the SURVEY prior to July 1932. Meltings of raw sugar represent operations of refineries located at 8 ports-
Boston, New York, Philadelphia, Baltimore, Savannah, New Orleans, Galveston Boston, New York, Philadelphia, Baltimore, Savannah, New Orleans, Galveston,
and San Francisco, the Baltimore figures being added in 1921 on the completion of and San Francisco, the Baltimore figures being added in 1921 on the completion of
refinery in that city. The figures are reported weekly, and these figures have been refinery in that city. The figures are reported weekly, and these figures have been
used to compute monthly totals by prorating the data for the overlapping weeks. used to compute monthly totals by prorating
Stocks represent the amount of sugar in the hands of refiners and certain importers (the bulk of stocks being in refiners' hands) on the Saturday nearest to the end of Each month. Details of meltings and stocks, by ports, are given in the Statistical Sugar Trade Journat, also classification as between importers' and refiners' stocks. Stocks at Norfolk are excluded here, since there is no refinery in that port; such ugar reappears as stocks at any one of several A tlantic coast refineries.
Cuban stocks and to 1919 for United States stocks were averages bark to 1913 for Cubplement, but the meltings have been revised.
I Imports of raw and refined sugar and tea, exports of refined sugar, and receipts of raw and refined sugar from Hawaii and Puerto Rico are compiled by the U. $S$. Department of Commerce, Bureau of Foreign and Domestic Commerce. The data on sugar, originally reported in pounds, have been converted into long tons for com. parison with the other sugar data, also shown in long tons. Imports of refined sugar rom Cuba for the period January 1930-May 1934 and receipts of refined sugar from Hawaii and Puerto Rico for the period January 1928-June 1934 were shown on $p .20$ of the August 1934 SURVEY. Data prior to May 1934, representing imports from the Philippine Islands, are not available. Other import and export data are shown in the 1932 ANNUAL SOPPLEMENT.
Import figures represent imports for consumption subsequent to 1933; earlier data represent general imports.
Bureau of Labor Statistics. Wrices are computed by the U. S. Department of Labor, Bureau of Labor Statistics. Wholesale prices of sugar and tea are averages of weekly figures, while retail prices are as of the 15th of the month up to August 1983, and for ubsequent months the biweekly figure nearest the 15 th is used.
Monthly data for the period 1923-31 are in the 1932 ANNOAL Supplemint
Compiled by the Federal Reserve Bank of Atlanta from reports of principal sugar refineries in Savannah and New Orleans. M onthly data or the period January
1925-August 1935 were shown on p. 18 of the October 1935 SURVEY. This series 20-August 1935 were shown on p. 18 of the October 1935 SURVEY. This series
evises in entirety the statistics shown on p. 188 of the 1932 ANNOAL SUPPLEMENT. The series was revised in order to eliminate the shipment and stock data of one company not reporting currently.
B Data are not available prior to May 1934.
${ }^{6}$ Teastock figures are from the Tea Market Report of the Tea Brokers' Association of London. Figures cover about 90 percent of the tea imported into the United Kingdom at London only.

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${ }^{1}$ Compiled by the U.S. Department of Commerce, Bureau of Foreion and Domestic Commerce, and represent over 80 percent of the manufacturers' sales. The figures as reported covera varying number of firms, but are strictly comparable for the 2 months currently reported in each report. However, in order to keep the series comparable, the sales have been recomputed, except for the year 1929, by the SURVEY OF CURRENT B osiness on the basis of the percentage change indicated by the monthly reports. Monthly data beginning January 1929 are shown in the 1932 ANNUAL SUPPLEMENT; for this year. More detailed data are given in the monthly reports issued by the for this y
${ }^{2}$ Landings of fresh fish from fishing vessels at the ports of Boston and Gloucester Mass., and Portland, Maine, plus landings by United States vessels at Seattle and Commerce, Bureau of Fisheries. Detailed data on landings of both fresh and salt fish are shown in the monthly statements of the Bureau. For earlier monthly data see the 1932 ANNUAL SUPFLEMENT.
${ }^{3}$ Shipments of canned salmon from Puget Sound, Astoria, Portland, Oreg. (ex cept small rall shipments), San Francisco, and in bond through Prince Rupart British Columbia, representing practically completo pack of United States, including Alaska, reported by Pacific Canned Salmon Broker'' Association, in cases of forty-
eight l-pound cans to case. For earlier monthly data see the 1932 Annual SUPPLEMENT. Compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. These data represent the total holdings of fish, both fresh-water and saltwater species, in cold-storafe warehouses in the unted states as of the 1 thi of each month. Theso figures, although compiled by the U. S. Department of Agriculture, are furnishod to the U. S. Department of Cominerce, Bureau of Fisheries, for publication each month. For details as to holdings and the amount of fish frozen each nonth see the monthly report of the Bureau of Fisheries. Monthly data from October
$1016-\mathrm{May} 1928$ appeared in the SURvex for July 1928, p. 19. Data subsequent to that date are shown in the 1932 ANNUAL SUPPLEMENT.
of Fortion and Domestic Commerce. of Forcion and Domestic Commerce.
are general imports.
are general imports.
For monthly data prior to 1932, refer to the 1932 AnNOAL SUPPLement or the Surver.

- Estimates of the production of the tobacco crop are from the $U$. S. Department of Agriculture, Bureau of Agricultural Economics. The totals shown represent the latest revised ostimate (not monthly averages) of the year's total crop, with the excepin this table for 1 month only (December), the Department of Agriculture issues proliminary estimates for July 1, Aug. 1, Sept. 1, Oct. 1, and Nov. 1. Revision of the Dec. 1 estimate, the last of the yebr, is usually made the following year
${ }^{\text {T }}$ Stocks of leaf tobacco held by inanufacturers and dealers compiled by the U. $S$. Departmert of Conmerce, Bureau of the Census, up to 1929 and by the U. S. Department of Agriculture, Bureau of Agricultural Economics, from then on. During the Years 1013, 1914, 1915, and 1916, the data were collected semiannually in March and September; the quarterly colloction commenced with Decamber 1916. Therefore, the averages for the years 1913 through 1915 are semiannual, while for 1016,3 quarters are averaged, nad thereafter 4 quarters.
ANNUAL Supplement of the Sunver.
ANNULI Sigures of consumption of tobaceo produets from U. S. Treasury Department, Bureau of Intcrnal Revenue, roprosont withdrawals from bonded warehouses upon payment of tax for domestic consumption. The figures for manufactured tobacco and snut comprise plag, twist, fure-cut, and smoking tobacco and snum. Figures cigarettes, small cifarettes are taken, weighing 3 pounds, or less, per thousand or less; in both cases the series taken represent over 90 percent of the totals for each class. Monthly statements of the Bureau of Internal Revenue show, in addition to the data published in tho SURver, statistics covering tax-paid withdrawals from the Philipdata prior to 1032 , see the 1932 ANNUAL SUPPLEMENT.
- Wholesalo prices are compiled by tho U. S. Department of Labor, Bureau of Labor Statistics. Monthly figures are averages of weekly figures. For monthly data prior to 1932 , see the 1632 ANNUAL SUPPLEEMENT.
11 Average of 2 quartors, March and September.
11 Average of 2 quartors, March
is Average of quarterly figures.
$\left.\begin{array}{l}\text { 18 Average of quarterly figures. } \\ \text { is Includes } 6,500,000 \\ \text { pounds of fire-cured, } \\ 18,000,000\end{array}\right)$ pounds air-cured rendered unmarketable by growers in compliance with AAA contracts.

Page 102
${ }^{1}$ Compiled by the U.S. Department of Commerce, Bureax of Forcion and Domestic Commerce. Bunker coal on vessels engaged in foreign trade is not included.
? Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Retail prices are unwoighted quotations for Pennsylvania anthracite, white ash chestnut. on the 1sth of the month. From 1013 through 1919, prices are averages of quotations on Jan, 15 and July 15 only; from June 1920 through August 1935 , prices were collected on the 15 th of each month; subsequent to August 1935 they have been collected quarterly. Tho number of citios covered in the retail-price series has varied as follows: 1913-17, 23 to 33 cities; 1918-22, 36 to 38 cities 1923-25, 29 to 30 cities; since 1926, 25 ; cite, chestruat, as reported by 16 firms, on tracks, destination.
Compiled by the U.S. Department of the Interior, Bureau of Mines. Dats for anthracite production represent the output of Pennsylvania anthracite onlv; the smair amount of anthracito mined outside of Pennsylvania is included with bitumi-nous-conl production. Figures include conl used at collieries for power and heat, also coal made into coke at mines. In recent years the product of small wagon mines producing less than 1,000 tons a year is not included. Data for 1935 are preliminary. - Compiled by the Anthracite Institute (formerly by the Anthracite Burcau of Information). Detailed statistics relating to shipments by originating carriers are given In the institute's news releases. Stock figures represent primarily coal in producers' storage yards; they exclude coal on cars at breaker sidings, on route, and at piers, aiso coal in boats at piers. Data cover domestic sizes of coal (broken, egg, stove, chestruut, and pea) and steam coal (buckwheat, rice, barley, boiler, run-of-mine, etc.). The storage coal of the Iudson Coal Co., is excluded from September 1921 through Juls 1925. - Compiled by the U. S. Department of the Interior, Bureau of Mines, from reports of a representative group of retaid dealers. Data are calculated to show the
numbor of days' supply at the current rate of consumption. Averagos cover 1 numbor of dilys supply at the current rate of consumption. Averages cover 1
month in 1918 and $1919 ; 3$ months in 1920; 4 in 1921; 5 in 1922, 1925, and 1932; 8 in 1923, 1926, 1027, 1028, 1929, 1930, 1931, and 1933; 2 in 1924; and 12 months in 1934 and 1935 . - Total industrial consumption of bituminous coal as reported by the U.S. Department of the Interior, Bureau of Mines. Figures relating to consumption by coke ovens, ment ont mills, coal-gas retorts, and steel and rolling mills are according to data collectod currently by tho Bureau of Mines. See notes 7 and 8 following, also note 5 , for p . 103 , for original sources of other data included in the total
(after May 1936 by olectric power utilities collected by the U. S. Geological Survey, (after May 1936 by the Federal Power Commission), representing bituminous coal consumed by all power plants producing electricity for public use. Note that the figures as here shown represent bituminous coal only, whereas those published in cite consumption and subsoquent monthy issues of the Sukver include some antliracite consumption.
average daily consumption of coal as reported by the Association of Ames from the roads. Data reprosent the consumption for all purposes, including road train service, yard switehing service, shops, etc. No data for switching and terminal companies are included. Figures as shown in the 1032 ANNUAL and subsequent monthly issues of the Survey are according to reports of the Interstate Commerce Commission and represent coal consumed in rond train service only.
-8-month average, January and June-December.
10 11-month average, July missing.
it 11 -month average, August missing.
is 9 -month avorage, January-October.
${ }^{18}$ g-month average, January-September
is 7-month average, January-July.
it Not availablerage, Mareh-December.
17 Not available.
is Consumption by railroads included with "Other industrial consumption" in Septomber, October, and November 1982.
${ }^{10}$ Average of months shown.

## Page 103

1 Sce note 1 for preceding page

- Compiled by the U. S. Department of Labor, Bureau of Labor Stafistics.
: See note 3 for preceding page.
4 See note 6 for preceding page.
- Figures relating to other industrial consumption of bituminons coal are estimatea based on reports collected jointly by the National Association of l'urchasing Agenta and the U.S. Bureau of Mines from a selected list of ahout 2,000 representative manufacturing plants. The conerns reporting aro chielly large consumers and afford a satisfactory basis for estimates.
Compiled by the $U$. $S$. Department of Commerce, Bureau of Foreign and Domestic Commerce, representing coal loaded for consumption by vessels engaypad in foreign trade.


## ${ }^{?}$ Compiled by the U.S. Department of the Interior, Bureau of Mines.

8 The retail composite price is an unwoighted averape of prices of several kinds of bituminous coal computed from (uotations received from retail dealers in certain cities. The number of cities covered inereased from 27 in 1013 to 45 in 1020 , thion decreased to 38 cities in 1923-35. From 1913 through 1919, retail prices are averages
for January 15 and July 15 only; from June 1920 through August 1935 , prices were for January 15 and July 15 only; from June 1920 through August, $193 \%$, prices were
collected as of the 15 th of each month; subsequent to August 1935 , they have been collected quarteriy.

- The wholesale price of mine-run bituminous coal is an average based on prices reported by about 27 firms, on tracis, destination; although the number of reporting firms has not been constant throughout the period covered, the slight variation has not affected the comparability of the statistics. The prepared sizes composite is an sverage of prices reported by 22 firms, on tracks, destination.
meriods sbown some of the figures mene of the metior, furcuu of. Mines. In the early periods stown, some of the figures ane estimates based on certain known data, whilo
others aro based on actual canvasses. Stoek data have leen availablo on a monthly others aro based on actual canvasses. Stoek data have lwen avainble on a monthly
basis since September 1932 ; prior to that time they were avaidabe only periodically. basis since September 1932; prior te that time they were avaiable only periodicaly
The figures for stocks at byproduet coko ovens, coment mills, condite retorts, and steel and rolling mills are according to actual reports (representing pratienthy compsteel and roling mills are according to actual reports (representing pratieariy connand Class I railways are furnished by the U. S. Gcclogical Surtey, and the Association of American Railroads, respectively. Other industrial consumers' stoeks and retail dealers' stocks are estimates based on reports from a selected list of comteerns, the former being collected jointly by the National Association of $J$ ourchasivg Agentsand the Bureau of Mines. Data for 1918 and 1921 are averages of 4 months; 1919,1 nonth; 1920, 3 months; 1922, 1927, and 1928, 6 months; 1923 and 1931, 8 montlis; 1044 , 2 months: 1925 and 1929,5 months; 1926 and 1930,7 montlis.
118 -month average, January and June-December.
12 11-month average, August missing.
12 11-month average, August missing.
is Average of months shown


## Page 104

${ }^{1}$ Compiled by the U.S. Department of Commerce, Bureau of Foreign and Domestic Commerce.
${ }^{2}$ Compiled by the U. S. Department of Labor, Bureau of Labor Statistica. Data reprasent avarages of weekly quotations for bechive coke, Connellsville furuace, f. O. b. ovens.
: Compiled
sent practically the U. S. Department of the Interior, Bureatu of Mines. Data represent practically the entire production of coke, except gas-house coke and coke made
from coal-tar pitch. The coke trado is concerned only with beehive and byluroduct. from coal-tar pitch. The coke trado is concerned only with beehive and byproduct-
oven coke, since only such coke is adapted to blast-furnace and foundry uses, which oven coke, since only such coke is anapted to blast-iurnace and foundry uses, which collected by the Bureau of Mines prior to 1916 .
Compiled by the U. S. Department of the Interior, Bureau of Mines. Byproductcoke flgures cover stocks at all furnace and nonfurnace plants, and includo furnace, foundry, sind domestic coke, but not breeze. Yetroleum coke represents byproduct stocks at refineries.
All data, except imports and prices, compiled by the U. S. Department of the Interior, Bureau of Mines.
See note 10 for p. 103.
Compiled by the U. S. Department of Commerce, Bureau of Foreion and Domestic Commerce. Data cover general imports through 1033 and imports for constimption thereafter. Prior to March 1923, figures include some topped oil.

Compiled by the U. S. Department of Labor, Burcau of Labor slatistice, representing averapes of weokly prices.
remainint on properties and consumed onted from producing properties, plus that remaining on properties and consumed on leases. ity of refineries per day.
${ }^{17}$ 6-month average, July-December.
12 Average of months shown.

## Page 105

1 Compiled by the U. S. Department of the Intertor, Burcau of Mines.
${ }^{\prime}$ Hespy crude stocks in California, representing oil having a specific grevity of less than $20^{\circ}$, inclute a large amount of fuel oil and for this reason are shown separately from stocks east of California. Lighterude stocks (specific gravity of $20^{\circ}$ and above) include reinery, pipe-line and tank-farm, and producers' stocks.
${ }^{3}$ Data as reported by the Oib and Gas Journal and the American Peiroleum In. stitute.
'Tots
'Total of refnery and tank-farm and pipe-line stocks, not ineluding producers'
stocks, which amounted to 6,906,000 barrels on Decenber 31 , 1935. Bata for 1918
through 1923 as here shown differ from those in tho 1932 AsNUAL Supplement through 1923 as here shown differ from those in tho 1932 ANNUAL SUPPLement, owing to the exclusion of Cahifornia stocks.
the small amount of foreign crude held by irmeld at refineries; beginning with 1923, the small amount or foreign crude held by importers other than at reflueries is also
Compiled by the U. S. Department of Labor, Bureat of Labor Statistics. Dats represent averages of weekly prices, f. o. b. refinery, tank cars.
7 Compiled by the U. S. Department of the Interior, Bureau of Mines.
${ }^{1} 938$ Compiled by the U.S. Department of the Interior, Gcological Surtey (after May 1838 by tho Federal Power Commission). Data represent the consumption of fuol oil by all power plants producing electricity for public use, the major anount being consumed by central stations.
tion of fuel oil by road train service of Class Inailways, not inclutine that used ins sard tion of fuel oil int road train ser vice of Class Inailways, not including that used in yard switching service. Switching and ternimal companies are not included.
Commerce, coverins fuel oil loaded for consumption by vessels eneqged in farelen trade.
t1 Barrels of 42 gallons.
is 6 -month averace, Jaly-December.
${ }^{15}$ Stoeks as of December 31, 1918.
is Average based on estimated total for year.

14 According to revised method of reporting adopted at the beginning of 1921, when spproximately $18,000,000$ barrols wore excluded
Revised basis, including at
stocks not proviously reported Revised basis, including at the beginning of 1926 about $2,043,000$ barrels in coastis transit not previously reported.
is Revised basis, including at the beginning of 1927 about $1,039,000$ barrels not previously reported.
19 Revised basis, ineluding at the beginning of 1929 about 299,000 barrels of heavy crude and fuel oil and 760,000 barrels of light crude not previously reported.
${ }^{20}$ Revised basis, comparable with succeeding data; duplication resulting from rerunning oils previously reported as finished products has been removed. Figure on old basis comparable with earlier periods is $37,412,000$ barrels.
${ }^{21}$ Rovised basis; about 5,337,000 barrels of gas oil, formerly included, were deducted at the beginning of 1930 and included with stooks of gas oil and distillate fuels.
1 Revised basis; approximately $3,000,000$ barrels formerly classified as heavy crude were transferred to light crude at the beginning of 1931.
${ }^{38}$ Revised basis; excluding about 700,000 barrels which were included at the end of 1931 .

2 Revised basis, resulting primarily from transfers from tank-farm and pipe-line st.ocks to refinery stocks; $54,072,000$ barrels of refinery stocks and $240,260,000$ barrel of tank-farm and pipe-line stocks represent comparable data for December 1932. barrels of heavy crude and fuel oil and $35,879,000$ barrels of light crude represent com parable data for December 1933
${ }^{26}$ Comparable with preceding data: 49,089,000 barrels of refinery stocks and $219,-$ 692,000 barrels of tank-larm and pipe-line stocks represent data comparable with
January 1936, the revisions reflecting transfers between pipe-line and refnery stocks.

## Page 106

1 Compiled by the U. S. Department of the Interior, Bureau of Mines, except exports, prices, and retail distribution. See notes 4,5, 6, and 7, below, for sources of these ${ }^{\text {data. }}$ Compiled by the U. S. Department of the Interior, Bureau of Mines, representing stocks held at refineries. Data through 1923 cover all refinery stocks of gas and fuel oils, including California fuel oil. From 1924 through 1929 , fuel oil in California is excluded, since it was reported with stocks of heavy crude. Beginning with 1930 , when gas and fuel oils were separated according to residual fuel oil and gas oil and distillate fuels, the flgures for residual fuel oil represent east of California only, residual fuel oil in California being combined with heavy crude as formerly: data for gas oil and distillate fuels, however, are totals, including distillate
: Consumption data are computed from production plus imports, minus exports, plus or minus the change in stocks. Figures through 1929 represent consumption of gasoline; thereafter, they are for motor fuel (reflnery and natural gasoline and benzol). 4 Compiled by the U. S. Department of Commerce, Burcau of Foreign and Domestic Commerce, representing exports of gasoline, naphtha, and other light products. Exports of natural gasoline (which has been shown separately on the export schedules ince 1932) are not included; 308,000 barrels were exported in 1932, 1, 657,000 in 1933 , ,495,000 in 1934, and 1,645,000 in 1935.
compiled by the American Petroleum Institute, representing the quantity of gasoline sold or offered for sale as reported by wholesalers and dealers, under pro-
Fisions of the gasoline tax or inspection laws. Data through 1929 cover 41 States Fisions of the gasoline tax or inspection laws. Data through 1929 cover 41 States
(including the District of Columbia), excluding Connecticut, Illinois, Maryland, Massachusetts, New Jersey, New York, Vermont, and West Virrinia; thereafter, Massachusetts, New Jersey, New Xork, Vermont, and west Virginia; thereaiter, can be shown complete, the totals for 21 States have been prorated to the basis of 41 States, based on the proportion shown in the period from May 1925 through December 1926. Distribution in the 41 States shown in the series prior to 1930 repesented 73.2 percent of the distribution in all States in 1830 and 1935, 72.4 percent in 1931 and 1934, 71.8 percent in 1932, and 71.6 percent in 1933.

- Compiled by the U. S. Department of Labor, Bureau of Labor Statistics.

7 Compiled by the Oil and Gas Journal from reports of 50 cities. Data represent average service-station prices as of the end of the month, exclusive of all taxes
Data represent the total production of natural gasoline, both blended and unblended, the amount blended being included also with the production of refinery gasoline.
Includes natural gasoline blended at refineries, also natural gasoline run through pipe lines to refinerles in California.
rotal stocks of inished gasoline as shown in 1932 represent refinery and bulk terminal stocks; beglnning with 1933, transit and pipe-line stocks are also included. primarily rasponsible for the large decrease in refinery stocks for January 1932.
11 Natural gasoline stocks represent those at natural gasoline plants only prior to at plants are not included.
15 Barrels of 42 gallons.
12 6-month average, July-December.
is Including gas and fuel oils in California. (See note 2.)
is Excluding gas and fuel olls in California. (See note 2.)
10 Revised basis; comparable with succaeding data, including marketers' stocks in California. By this new method, 2,421,000 barrels were added at the beginning of 1924 .
317 Motor fuel, to compare with succeeding data; comparable figure for 1929 is 31,333,000 barrels.

Comparable with succeeding data, covering all States. (See note 5.)
${ }^{10}$ Includes natural gasoline at refineries, to compare with succeeding data; figure comparable with 1929, representing natural gasoline at plants only, is 680 ,
n Revised basis; 643,000 barrels deducted at the beginning of the year.
${ }^{3}$ Revised basis; 7,850,000 barrels deducted at the beginning of the year, $14,277,000$ barrels of gas oil and distillate fuels represent data for December 1931 on a comparable basis.
${ }^{32}$ Revised basis; 61,107,000 barrels total stocks and 31,464,000 barrels refinery stocks represent comparable data for December 1932.
if Revised basis, to reflect the transfer of stocks and tbe addition of stocks not previously reported; comparable figures for December 1933 are 17,660,000 barrels of residual fuel oil and $16,315,000$ barrels of gas oil and distillate fuels
it Revised basis, to reflect stock transfers; comparable fagures for December 1033 are $56,255,000$ barrels total stocks and $35,305,000$ barrels at refineries.
${ }^{46}$ Revised basis; comparable figure for December 1033 is $3,680,000$ barrels.
37 Revised basis; comparable figure for December 1934 is $47,531,000$ barrels
Page 107
1 Compiled by the U. S. Department of the Interior, Bureau of Mines, except data for exports, prices, and imports. (Seo notes 3, 4, and 5 . for sources of these data.) ${ }^{2}$ Consumption data, representing the domestic demand, are computed from production plus imports, minus exports, plus or minus the changes in stocks.
Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce.
Commerce. Compiled by the U. S. Department of Labor, Bureau of Labor Statistice.

Compiled by the U. S. Department of Commerce, Bureau. of Foreign and Domestic Commerce, representing imports of foreign native asphalt. Original data in long tons have been converted into short tons.

- Data relate to byproducts of petrolenm only.

T Barrels of 42 gallons.
6-month average, July-December.
5-month average, August-December
10 Revised basis; California stocks were reclassified to include total stocks held by refinery companies on the Pacific coast. This revised method resulted in the addition, at the beginning of 1924 , of 488,000 barrels of kerosene and 357,000 barrels of lubricants which were not previously included.
11 Revised basis, resulting in the addition, at the beginning of 1931, of 62,000 barrels
not previously included not previously included.
12 Revised basis, resulting in the exclusion, at the beginning of 1931, of 144,000 barrels
previously included previously included.
is Revised basis, resulting in the exclusion, at the beginning of 1932, of 26,000 barrels previously included.
14 Revised basis, resulting in the exclusion, at the beginning of 1932, of $9,623,000$
pounds previousiy included. pounds previousiy included
${ }^{15}$ Revised basis; comparable figure for December 1932 is $5,033,000$ barrels.
17 Revised basis; comparable figure for December 1832 is $8,094,000$ barreis.
1932 is $163,935,000$ pounds.

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${ }^{1}$ Compiled by the Bureau of Forcion and Domestic Commerce, U. S. Department of Commerce, and represent general imports through December 1933 and imports for consumption thereafter
Total imports include buffalo hides, Indian water-buffalo, horse, colt, and ass hides, kangaroo and wallaby skins, deer and elk skins, and fish skins and seal skins. Prior to January 1835, reptile skins and hides and skins, n. e. S., were also included; since that date these types h
The amount is small.
${ }^{2}$ Compiled by U. S. Department of Agriculture, Bureau of Animal Industry, and represents the number of animals slaughtered under Federal inspection. Govern ment relief slaughter is included for the period June 1934 to February 1935. For Sheep and lambs, the reliel slaughter afreoted the data for the months of Soptember
to December 1834. (See p. 44 of the June 1985 issue for the monthly flgures, excluding to December 1834
relief slaughter.
Roughly $2 / 30$
Roughly $3 / 3$ of the cattle, $1 / 2$ of the calves, $4 / 5$ of the sheep and lambs, and $3 / 5$ of the hogs are slaughtered under Federal inspection. The actual percentages for the years, 19 follows:
were as


The figures on federally inspected slaughter are presented here as an indication of the output of hides and skins (for meat produced, refer to the series in the Foodstuffs Agriculture releases.
Agricuulure releases.
Prices are from the U. S. Department of Labor, Bureau of Labor Statistics. Th series on heavy steer hides is the same as that carried in the 1932 Supplement, but the series on calfskins is a new series compiled by the Bureau of Labor Statistice to replace the one formerly shown in the Survey on No. 1 country, Chicago.

## Page 109

${ }^{1}$ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Sole leather includes backs, bends, sides, and other sole leather, plus sole and belting leather offal. Upper leather includes cattle, side upper (grain and finished splits); calt and kip; sheep and lamb; goat and kid (including glazed kid) patent upper leather (cattle, calf and kip, goat and kid, and "other"). The Monthit Summary of Foreign Commerce of the United States presents detailed statistics for these items and certaln other types of leather not included in the total given here.
Data were compiled by the U.S. Department of Commerce, Bureau of the Census for the period through April 1932, and subseqnently by the Tanners' Council of America. The census returns collected under the Kreider Act represented a complete coverage of the industry, and the Tann
directiy comparable with the census figures. Census, and some of the detailed data were carried in the 1932 ANNUAL SUPFLEMENT and in monthly numbers, until the discontinuance of the compilation through repeal of the K reider Act.
Monthly data for the period 1925 to 1832 were published on p. 19 of the Juue 1933 Issue, but the data there given for goat and kid and sheop and lamb leathers were subsequently revised and published on p. 19 of the June 1935 issue, together with monthly data from 1922 to 1924, inclusive.
:Wholesale prices are compiled by the U. S. Department of Labor, Bureau of Labor Statistics. The chrome series is an average of prices at tanneries in 6 principal centers until December 1931, and 5 centers thereafter.
April 1932, and subsequently by the Tanners' Council Bureau of the Census, through April 1932, and subsequently by the Tanners' Council of America. Stock figures are reported currently to the association by practically the entire industry and are adjusted to an industry basis, so that they are comparable with the census figures of packers, tanners, dealers, importers, and manufacturers. The council's raports hides into sight and wattings. Figures include kip sides and buffalo hides.
In view of the heavy Government purchases of livestock incident to the drought of 1934, the council carries on its stock reports the notation that raw stocks in all hands include all hides from Government animals slaughtered under Federal inspection Hides from cattle allotted to State rellef agencies and which were not killed under Federal inspection are not included unless thay have already moved into sight Hence, these hides from noninspected slaughter held by State relief agencies constitute an invisible addition to the visible supply represented by the flgures given.
Monthly figures for the period 1922 to 1933, inclusive, appeared on p. 19 of the
January 1935 Compiled by
reports of 234 manufacturars from July 1934 through December of the Census, from reports of 234 manufacturars from July 1934 through December 1935, who produced
82 percent of the total value of all leather gloves and mittens reported by the Census 82 percent of the total value of all leather gloves and mittens reported by the Census of Manufactures for 1933. These data are not comparable with earjier fguras shown
in italics (see pp. 186-187 of the 1932 Supplement for the monthly figures back to in italics (see pp. 186-187 of the 1932 SUPPLEMENT for the monthly figures back to
July 1923), which were for 206 concerns whose proportion of total production, according to the available Census of Manufactures data, was 88.5 percent in 1927 and 1929,
and 92.9 percent in 1931. No figures are available for the period February through June 1934. Beginning in January 1936, the number of concerns reporting was reduced to 228, but the addition of several companies increased the coverage from 82 to 86 percent. In order to prosent a comparable series, the figures starting with January by the current census reports for 228 identical concerns. The census reports show totals for mon's and for women's and children's gloves and mittens, and details by type.
of 8-Inonth average, January-August.
i 9-month average, April-December.
6-month average, July-December.

## Page 110

Wi Export Agures aro from tho $U$. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, and inolude exports of boots and shoes, other than athletic and eporting. Included are men's, youths' and boys', women's and misses', children's
and infants' shoes. Data do not include slippers, or footwear with leather soles and and infants' shoes. Data do not include slippers, or footwear with leather soles and
uppers of fabrics other than leather. ${ }_{4}$ Prices are from the U. S. Department of Labor, Bureau of Labor Statistics. The saries on men's black calf, oxford lace shoes is identical with that shown in the 1932 SUPPLEMENT. The other 2 series are new, suparseding those carried in the 1932 products, since pariations in products, since variations in quality, and to
${ }^{3}$ Compiled by the U. S. Department of Commerce, Bureau of the Census. The flgures for 1914, 1919, and 1921 are from the Census of Manufactures (these are the only consus years during this period); data for 1922 to date are compiled from monthly 95 percent of the total United States production for 1922 to 1929; 98 percent from 1930 to 1933 ; and 99 percent for 1934 and 1935.

The data on athletic and all fabric shoes do not include footwear with fabric uppers and rubber soles. Additional data, by States, are given in the reguar monthly reports of the Bureau of the Census. The census reports also show currently bare-
foot and beach sandals separately, a break-down of slippers and moccasins into two foot and beach sandals separately, a break-down of slippers and moccasins into two
classes-all leather, and part leather, feit, etc.-and a segregation of men's shoes into classes-all leather, and
dress and work shoes.

* Figures beginning 1927 aro not strictly comparable with earlier years, owing to the fact that large quantities of heavy footwear now included with men's shoes were included with "athletic" prlor to 1927.
Not reported separately; included with "all otber." cut boots and shoes."
${ }^{\prime}$ 6-month average, July-December.


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1 Compiled by the U.S. Department of Commerce, Bureau of Foreign and Domestic Commerce, and represent the exports of boards, planks, and scantlings of the following woods: Hardwoods-ash, birch, beech, maple, chestnut, cottonwood, red gum, sap gum, black gum, tupelo gum, hickory, oak, poplar, walnut, mahogany, and magnolia; softwoods-cypress (rough and dressed), Douglas fir (rough and dressed), southern pine, white pine, pondeross pine, sugar pine, cedar, redwood, spruce, and hemlock. Data for tho period 1019-September 1932 were shown on p. 20 of the November 1932 SURFEX. Details are shown in the Monthly Summary of Poreign Commerce of the Unitcd Stares.
${ }^{2}$ 'Compiled by the National Lumber Manufacturers' Association, Inc., for the period 1029 to date, and represent an estimate of total lumber production, shipments, and corrected to the trend shown by the annual production fegures reported by the $U . S$. Department of Commerce, Bureau of the Census, that is, the production figures through 1934 wero correctod and then the shipment and stock figures adjusted to a comparable basis. Adjustment for 1935 and subsequent years will be made when Census data become available. Monthly reports received for the year 1034 covered between 80 and 90 percent of the total cut; in 1935 the monthly figures covered from 70 to 80
percent. Details as to the production, shipments, and stocks, by types of softwoods percent. Details as to the production, shipments, and stocks, by types of softwoods
and hardwoods included in the totals, are given in monthly mimeographed stateand hardwoods included in the totals, are given in monthly mimeographed state-
ments. Monthly data prior to January 1934 are not available, quarterly data having ments. Monthly data prior to January 1934 are not available, quarterly data having been computed for the yoars 1929-34. Prior to 1929 the iggures given ar
Bureau of the Census annual totals reduced to a monthy average basis.
See also the note regarding west coast woods. When included in the totals for the industry, no adjustment is made for the 4 -week and 5 -week reporting periods for industry, no adjus
: Compiled by the Federal Reserve Bank of Minneapolis. Stocks represent the sales and inventories of companies retailing lumber in the ninth Federal Reserve district. The number of yards reporting stocks and sales has not been constant; nevertheless, for the antire period the flures give a representative coverage of the retail movement in the district. The number of reporting organizations has been gradually reduced - Complled by the Federal Reserve Bank of Kansas City. The data were complled from the reports of 199 retail yards for the period July 1924-March 1928 . Since the lattor date the data embracs fewer retail yards, but the coverage is fairly representa tlve. For earlier monthly data see the 1932 ANNUAL SUPPLEMENT.
7-month average, June-December.
io-month average, July-December.

- 6 -month average, July-Decem


## Page 112

1 Compiled by the Maple Flooring Manufacturers Associalion. The data shown here differ from those included in the 1932 ANNUAL SUPPLEMENT, where data for 15 identical mills were shown for the years $1929-31$, inclusive. Since that time, because of membership changes, the number of mills reporting has increased to 20 . Owing to the increase in the number of mills it was thought best to show the estimate for the ontire industry as computed by the association; hence, quarteny estimates for 1029-34 and monthy estimates thereater here given ere on an industry basis. The a good line on the operations of nonmember mills; prior to 1934 the margin of error in the estimates is probably largor. ${ }^{2}$ Compiled by the National Oak Flooring Manufacturets' Association, Inc., on the basis of reports from its members. The figures for the years prior to of the cover mated to cover approximately 90 percent on 1035 , the data cover the entire industry for 1035,75 parcent of the industry was covered by reports to the association and the figures for the rest of the industry were estimated. For earlier monthly data see the 1932 ANN UAL SUPPLEMENT.
It is not possible to check the coverage of the industry by the use of consus data, slnce the production of oak flooring is not reported separately ln the Consus of Manu factures.
: Comp
Commerce Commerce. Lumber exports comprise boards, planks, and scantlings, rough and
dressed, while timber exports include treated and untreated and sawed lumber dressed, While timber exports include treated and untreated and sawed lumber, ANNUAL SUPPLEMTNT.

4 Compiled by the U. S. Department of Labor, Bureau of Labor Syatistics. The prices of both common boards and flouring are composite prices representing average prices at mills in the state of Washington.

- Average of quarterly igures.


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${ }^{1}$ Exports of southern yellow pine lumber and timber from $U$. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Lumber exports compriso boards, planks, and scantlings, rough and dressed, and exclude shortleaf pine and all
other not longleaf or pitch pine. Timber exports inelude both treated and untreated other not longleaf or pitch pine. Timber exports include both trated and untreated,
sawed, and exclude logs and round timber. For earlier monthly data see the 1932 sawed, and exclude log
ANNUAL SUPPLEMENT.
A Prorated to industry totals by the Southern Inine Association, Inc., and reported to the National Lumber Manufacturers Association. Dita on production are adiusted on ordars, shipments, and stocks have been adjusted to conform to the chanred level of production. Data subsequent to 1934 are southern-pine industry estimates, subject to later adjustment as census data for 1935 and later years becomo available. ${ }^{2}$ From U. S. Department of Labor, Bureau of Labor Statistics, and represent the average of weekly prices of yollow-pine flooring, grade $B$ and better, liat grain sap.
1 by 4, f. 0 . b. mill in the Hattiesburg, Miss., district. 1 by 4, f. o. b. mill in the Hattiesburg, Miss., disitrict.
The series given in the 1032 ANNUAL SUPPLEMENT differs slightly from the present series; the comparative annual fugures for the overlapping years were as follows: 1930 , old series, $\$ 34.74$ (new, $\$ 35.67$ ); 1931, old series, $\$ 25.24$ (now, $\$ 27.99$ ).
Computed by the Western Pine Association to represent the total m
the Western Pine Association region. Data for the years 1934 and 1035 are based in the Western Pine Association region. Date for the years 1934 and 1935 aro basod on
reports of the operators to the association; the mills roporting in early 1936 numbered reports of the operators to the association; the mills roporting in early 1936 numbered
200 or more, representing over 98 percent of the total production in the westorn pine
 region. The data are adjusted to the annual totals reported to the U. N. Department census reports. For the years 1924-33, inclusive, the monthly data on production and shipments were computed by determining the relationship of the production of 108 identical mills to the total regional production and shipments for cach month in 1934 and computing corrected monthly figures to represent the entire industry; the figures for these years are all correeted to the trend of the census figures on production, as noted above. Gross stocks at tho end of each month for the years 1924-33 bave been determined by applying the differenco between production and shipments to the inventories on Jan. 1 of the years 1924, 1929, and 1933, and adjusting the rosults to the actual inventories on these dates. The adjustment amounted to $12,000 \mathrm{M}$
feet for the period $1924-29$ and $6,500 \mathrm{M}$ feot yearly for the poriod 1920-34. New and feet for the period 1924-29 and 6,500 M feet yea
unfilled orders prior to 1934 are not available.
The following woods are included in the Agures: Pondeross pino, Idaho white pine, sugar pine, larch, Douglas fir, white fir, bagelnann spruce, western rod cedar, and incense cedar. During recent yoars the annual produetion of the pine spocies fr $\theta$ percent, white fir 2 percent of the aggregate cut of all species,
B Compiled by the Western Pine Association and represent the wholessle prices f. o. b. mill, of 1 by 8 inch No. 2 common pondorosa. These prices are based on actual sales by mills in ali districts in the wostern-pine territory. Data are not available prior to October 1931.
© Computed by the West Coast In mberman's Association, Inc., and ropresent the estimated total movement of the rogion as reported to the National Lumber Manufacturers Association. The data now reported as Wost coast woods were formerly reported in tho Sunvey as Douglas fir lumber, but the 2 series diffor radically. The series formerly shown did not give a correct trend. The data include, in addition to Douglas fir, western hemlock, western red cedar, and Sitka spruce, but Douglasfir lumber predominates. The region is limited to the States of Washington and Oregon. Quarterly data for 1929-33 and monthly data for 1934 and 1935 , inclusive, are estimates made by the West Coast Lumberman's Association and are adjusted to the Crend of production as reported to the U. S. Department of Commerce, Bureau of totals of 4 - and 5 -week reporting periods. The 5 -week montins are as fo'lows: $1934-$ totals of 4-and 5-week reporting periods. The 5-week montis are as foilows: 1934March, May, August,
$?$ Quarteriy averages.

- 3-month average, October-December.
- 9-month average, April-December.

1010 -month average, March-December.

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1 Computed from data furnished by the California Redwood Association covering the operations of 7 identical mills in 1918, 1919, and 1920 , representing 40 percent of the capacity of all listed mills; for the first 4 months of 1921 the reports covered 10 mills representing 6636 percent of listed capacity; for the romaining months of 1921, ing 73 percent; for 1925 and 1926 , 15 mills representing 79 percent; for 1927, 16 mills representing 83 percent: for 1928 , 14 mills representing 88 percent; for 1929 , 10 milis 15 mills representing 00 percent; for 1031 , 12 mills representing 87 percent; for 1930 , 15 mills representing 90 percent; for 1031, 12 mills representing 87 percent; for 1932 , 11 mills representing 87 percent; for 1933, 12 mills representing 89 percent. For 1934 The percentages given above for the period through 1833 were used to raise the monthly data for new orders, production, and shipments to an industry basis. This method of computing the figures does not give results which check exactly with the census returns on production. The ratio of the production figures here glven to the total production reported by the U.S. Department of Commerce, Bureau of the Census, is as follows: $1923,107.8$ percent; 1924, 95.7 percent; $1925,101.8$ vercent; 1826, 92.5 per* cent; 1927, 85.4 percont; 1928, 94.3 percent; 1929, 93.4 percent; $1930,95.8$ percent; 1931, 102.9 percent; $1932,103.7$ percent; 1933,100 percent, ind $1934,103.6$ percent.

Unflled orders were reported by 14 mills for the period January 1924-February 1928, representing 74 percent of the capacity of the industry. For March 1928, is mills representing 74 percent; for Aprit 1928, 13 mills representing 73 fercent; for
May to October 1928 , 14 mills representing 80 percent; for November and Docember 1928,12 mills representing 71 percent; and for January 1829,12 mills representing 77 percent. Since the last date, the same number of inills reporting production, shipments, stocks, and orders received, reported unfilled orders; all items representing the same percentage of the industry. For data prior to 1931 see the 1932 ANNUAT SUPPLEMENT OP THE SURVET.
'Computed by Seidman \& Seidman to indicate the activity in the Grand Rapide district and in the industry as a whole, as revealed by reporting plants throughout the country. The datare expressed as percentages of "normal"; the "normal" is based upon the estimated man-hours that a plant normally operates. For example. in a plant that normally operates 200 hours in a given month with a force of 500 men the total man-hours worked for that mouth would be 100,000 . This figure would be used as a base for computing monthy variations. If this same plant worked in would be 20 percent. Monthly data for the year 1931 were not published in the SURVEY.
Cornpiled by Seidman \& Seidman from reports of ropresentative manufacturere in the Grand Rapids (Mich.) furniture district. Owing to the variation of the numdur of firms reporting each month, the figures are shown in the numbor of days pro duction or sases, based on current ratios or percentages. The or

- Complled by the U. S. Department of Labor, Bureau of Labor Statistics. Montbly
averages for years prior to 1926 are computed from annual fgures becanse no monthly
data are available.
dimonth average, June-December.
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${ }^{1}$ Compiled by the $U$. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Iron and steil hêavy products cover all commoditios for which tonnage figures are available, classified according to the present schedule as iron and steel
semimanufactures and steel-mill manulactures, plus ferromanganese, ferrosilicon, semimanufactures and ste日l-mill manufactures, plus ferromanganese, ferrosilicon,
and certain other ferroalloys; they do not cover the advanced manufactures of iron and certain other ferroalloys; they do not cover the advanced manufactures of iron
and steel. Imports are general imports through 1933 and imports for consumption thereaiter.
For monthly import data back to 1919 see p. 20 of the November 1932 issue of the dorver.
${ }^{2}$ Complled by Steel (formerly Iron Trade Review). Figures represent unweighted averages of "per ton" quotations, which include, beginning with 1929, the following items: Pig iron ( 5 quotations), scrap, billets, sheet bars, wire rods, tin plate, wire, sheets, plates, shapes, bars, black pipe, rails, alloy steel, hot strip, and cast-iron pipe. Prior to 1929, the composite includes quotations on slabs and wire nails but the basis of this unrevised composite, available monthly averages which overlap the new series are as follows: $1929, \$ 36.49 ; 1930, \$ 33.56 ; 1931, \$ 31.16$.
Earlier monthly figures are in the 1932 ANNUAL SUPPLEMENT OF THE SURVET and on P. 19 of the January 1935 issue.
perior ore only. Furnaces include rail and Canadian ficiaion and cover Lake Ju 1922 (this inclusion affects the comparability of the figurnaces beginning with June nn number from 341 to 208 (in 1935), the large reduction resulting from the dismantling of furnaces and from the elimination of furnaces which no longer use Lake ore. Ship ments represent movement of Lake ore through the upper Lake ports, including not only tonnage passing through the Sault Ste. Marie Canals but also that from ports on Lake Michigan; in most years they cover approximately 85 percent of the total by water are made during the orst 3 months of the yearg monthly averages, however, re based on 12 months. Tonnages for the upper Lake ports are railroad weights, while those at other ports are bill-ol-lading weigbts. Receipts at ports other than for receipts, in most cases, take into account certain revisions not available by months. Earlier monthly data will be found in the 1932 ANNUAL SUPPLEMENT; only minor evisions have been made.
Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Data represent general imports through 1933 and imports for consump. tion thereafter, except those for iron ore, which ere imports for consump. tion beginning with Oct. 4, 1913, all iron ore having been imported free of duty since that date. Data for imports of manganese ore cover gross weight prior to Sept. 22 , 1922, and manganese content thereafter. Imports from Cuba, which were reported only in the raw state from 1923 through 1926, are excluded in those years, the gross weights being as follows: 1923, 9,062 tons; 1924, 23,065 tons; 1925, 12,745 tons; 1926. 14, 112 tons.
0-month average, A datil-Densult the 1932 AnNoal Supplement of tee Sorver. $\theta$-month average, A pril-December.


## Page 116

${ }^{1}$ Compiled by the U. S. Department of Commerce, Bureau of the Census, from reports of 112 manufacturers operating 121 plants. These manufacturers produced approximately 88 percent of the total value of the output of the industry reported
at the Census of Manufactures for 1999 . The capacity of plants is based on the averat the Census of Manufactures for 1998. The capacity of plants is based on the average monthly production for the best 6 consecutive months since January 1919. For
comparable monthly data prior to 1932 , see the April 1933 issue of the SURVE, p . comparable monthly data prior to 1932 , see the April 1933 issue of the SORVEx, p .
20; the footnote accompanying these data incorrectly states that the reporting firms 20; the footnote accompanying these data incorrectly states that the reporting frnin numbered $h$ m monthy issues of the SURVEX, cover reports of 109 manufacturers with 118 plants, 3 manufacturers having gone out of business. Also, the capacity of plants beginning with January 1936 is based on the average monthly production for the best 6 consecwith January 1936 is based on the
A different series back to 1923 is shown in the 1932 ANNDAL SUPPLEMENT.
${ }^{2}$ Compiled by the Iron Age. Furnaces in blast represent coke furnaces (aiso some anthracite in early periods); they do not include the small number fired with charcoal. Production data include pig iron and ferroalloys made in blast furnaces (except charcoal iron, which represented less than $1 / 2$ of i percent of the total in 1933, differs somewhat from that reported by the American Iron and Steel Institute, owing primarily to the inclusion by the latter of pig iron and ferroalioys made in electric
For earlier monthly data consult the 1932 ANNOAL SUPPLEMENT OF THE SURVET. © Compiled by the Institute of Boiler and Radiator Manufacturers. The reporting firms, in all instances, represent over 90 percent of the industry. Although the com. panies reporting are not identical throughout the series, they are fairly constant,
and the comparability of the figures is not seriously affected except beginning with January 1930 , when 7 or 8 additional firms were included. By the inclusion of these Arms the monthly averages for the year 1930 were increassd as follows: Round boilers-production 8.2 percent, shipments 8.7 percent, stocks 9.8 percent; square ators-pproduction 21.1 percent, shipments 20.9 percent, stocks 11.0 percent.
Refer to the 1932 ANNDAL SUPPLEMENT for monthly fgures prior to 1930 .
Refor to the 1932 ANNDAL Supplement for monthly figures prior to 1930 .
Compiled by the U. S. Department of Labor, Bureau of Labor Statistics, represent ing averages of weekly prices. Basic pig-iron prices are those at the Mahoding and Shenango Valley furnaces.
Except for unimportant revisions, comparable data are in the 1932 AnNoAL SUPPLEMENT OF THE SURVEX.
s Compiled by the Amer
Compiled by the American Metal Market. Data represent averages of daily prices of 10 tons of pig iron, distributed as follows (for Jan. 1,1935 ): 1 ton ench of Bessemer, valley; No. 2 foundry, valley; No. $2 \times$ foundry at Philadelphia, Buffalo,
and Cleveland; No. 2 foundry, Chicago; 2 tons each of basic, valley, and No. 2 and Cleveland; No. 2 foundry, Chicago; 2 tons each of basic, vailey, and No.
southern foundry, Cincinnati.
Earlier monthly data are in the 1932 Annoal SUPPLEment of the Survey.

## Page 117

${ }^{1}$ Compiled by the U. S. Department of Commerce, Bureaut of the Census. Data are based on reports of 19 manufacturers (18 prior to January 1935), the value of whose output represented approximately 99 percent of the total for the industry, according
to the Census of Manufactures for 1099 . Net new orders represent total new orders to the Census of Manufactures for 1098 . Net new orders represent total new orders
less cancelations. Monthly data for 1931 are on p. 20 of the July 1934 issue of the ess cancelations. Monthly data for 1831 are on p. 20 of the dolivery, is no longer
SURVEY. The break-down of unflled orders, as to time of din reported.
Oompiled by The Valoe and Fittings Institute (formerly the National Association of Fittings Manufacturers) from reports of manufacturers estimated to represent about p. 205 of the 1932 ANNUAL SUPPLEMENT OF THE SURVEX.
: See note 3 for preceding page.
-Compiled by the U. S. Department of Commerce, Bureau of the Census, based on reports of 10 manufacturers ( $\theta$ prior to March 1935), comprising practically the entire industry. Square feet of heating surface represent the equivalent direct radiation. For nonferrous-metal convection-type radiators, see p. 126.

## Page 118

${ }^{1}$ Compiled by the U. S. Department of Labor, Bureau of Labor Statistics. Data represent the combined average prices to retailers, less freight, as reported by representative manufacturers, covering the following eight plumbing and heating fixtures:
Bathtubs, lavatories, water closets, sinks, 2-part laundry tubs, 30-gallon range Bathtubs, lavatories, water closets, sinks, 2 -part laundry tubs, 30 -gallon range
boilers, heating boilers, and 100 square feet of radiation. For monthly data prior to 1932, see the January 1933 issue of the Survex, p. 20.
cover reports of 26 manufacturers from of Commerce, Bureau of the Census. Data cover reports of 26 manufacturers from 1929 to 1932, inclusive; 21 in January 1933;
18 from February to December 1933; 20 from January to June 1934; and 21 thereafter In addition to signs and table tops, the totals include data for tub covers, stove parts, refrigerator parts, and other miscellaneous items. It is not possible to determine the percentage coverage of the industry, since these items are not separately classified in the Census of Manufactures.
${ }^{2}$ Oompiled by the U. S. Department of Commerce, Bureau of the Census. Data through 1932 cover reports from 128 to 132 manufacturers, the slight changes in the 1920 aumber of reporting firms having only a minor effect upon the comparability of the data. Figures for 1933 and 1934 cover reports from 164 manufacturers, and for 1935, 180 manufacturers. Monthly average data for 1933 for 128 manufacturers, comparable with data for 1932, are as follows: Total new orders, 21,257 short tons; new orders railway specialties, 5,032 short tons; total production, 21,146 short tons; production
railway specialties, 4,340 short tons. Data for January 1935 for 164 ms , railway specialties, 4,340 short tons. Data for January 1935 for 164 manufacturers, comparable with data for January 1934, are as follows: Total new orders, 31,816 short tons; new orders railway specialties, 6,835 short tons; total production, 28,519 short tons; produotion railway specialties, 6,052 short tons. Corresponding figures
for 164 manulacturers have not been compiled subsequent to January 1935. The 180 firms reporting in 1935 produced approximately 90 percent of the total value of 180 castings made for sale, according to the Census of Manufactures, 1983. These castings produced for sale as such, the capacity being based normally devoted to shipments for the best 6 consecutive months since January 1919. Of this capacity 47,770 tons are usually devoted to railway specialties and 71,487 tons to miscollaneous castings. Data relating to capacity ratios prior to 1935 are not comparable with those for subsequent periods, since the capacity figures from which the ratios were computed ineluded the rated capacity of plants producing castings for their own finished products, as well as castings produced for sale. The capacity flgure given in the 1932 ANNOAL SUPPLEMENT was larger than that stated above and was for a smaller number of firms. This figure, however, included some capacity for castings used for further production in the same plant. The capacity figure here stated is for
commercial castings only. Statisties relating to production prior to 1926 are not cominercial castings only. Statistics relating to production prior to 1926 are not couplers, and cast-steel car wheels.
Monthly data, upon which these averages are based for the period prior to 1932, are in the 1932 ANNUAL SUPPLEMENT OF THE SURVEF.
compied electric ingots prior to 1927; beginning with 1927 they represent open-hearth and was 338,730 long tons. Monthly figures, which are not available from ang companies are calculated to 100 -percent production on the basis of the ratios betwoen the annual production of the reporting companies and the total annual production of all compavies. These percentages are as follows: 1917, 85.25; 1918, 83.44; 1919, 85.12; 1920 , 84.22; 1921, 87.53; 1922, 84.23; 1923, 94.89; 1924, 94.42; 1925, 94.56; 1926, $94.92 ; 1927,94.67 ;$
 1035, 08.20. In the latest year, before the total annual production of all companies becomes availabie, the monthly igures of the reporting companies are calculated to later revised when the final total production for the year is areceding year; they are ratio between actual production and capacity is based on the theoretical capacity as of Dec. 31, 1925, of $65,844,033$ long tons of ingots. Subsequent to 1926, when the institute abandoned the publication of theoretical and practical capacity, the ratios are based on the annual capacity of open-hearth and Bessemer ingots as of the end of December of the preceding year. The capacity at the end of 1935 was $61,280,509$ long tons of 60.95471 ind 005000 lon tons for other years may be computed from the two series given; the capacity has increased very substantially during the period shown.
${ }^{5}$ Data furnished by the Organization Service Corporation from reports compiled by the Cold Finished Steel Bar Institute. The number of manufacturers reporting in each year and the approximate percentage of the entire industry represented by unem 1938-29, 10 representing 70 percent; 1930-31, 8 representing 65 percent; 1032-33, 12 reprosenting 95 percent; 1034-35, 12 representing 75 percent. The decline between 1933 and 1934 in the percentage of the industry represented by the reporting firms resulted when a large frm discontinued reporting and a small frm was included.
Monthly data back to 1927 are in the 1932 ANNUAL SUPPLEMENT OF TEE SURVEX. ${ }^{6}$ Figures for 1935 not comparable with those for earlier periods; see last part of note 3. 7 Based on the theoretical capacity; figure shown in the 1932 ANNUAL SUPPLEMENT was based on the_practicel capacity. (See note 4.)

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1 Earnings and shipments as reported by the U. S. Steel Corporation. Net earnings represent earnings after deduction of interest on bonds of subsidiary companies, but before charges and allowances for depletion, depreciation, amortization, and obsoor quar terly averages for the year. For monthly data prior to 1932, relative to shipments, see the January 1934 issue of the SURVEX, p. 18. The slight difference between the sum of the monthly figures and the monthly average is due to the inclusion in the latter of a small year-end adjustment.
2 Data beginning with 1924 (except percentages of capacity from 1925 through
September 1926 ) compiled by the $U$. S. Department of Commerce Burea of September 1926) compiled by the $U$. S. Department of Commerce, Bursau of the
Census, from reports of 31 establishments in 1924 and 24 in 1935 , the reduction resultCensus, from reports of 31 establishments in 1924 and 24 in 1935 , the reduction resulting from mergers or from plants having gone out of business. Figures prior to 1924 are calculated on reports of the Steel Barrel Manufacturers' Association. Percentages of cased on reports of the stcel Barrel Manfacturers Assith from 1925 through September 1926 are from the Steel Barrel Manufacturers' Institute, successor to the Steel Barrel Manufucturers' Association: beginning with Institue, successor to the speel Barrel Manufucturefs' Association; beginning with ing days per month. The reporting establishments produced approximately 71.9 percent of the total value of output of the industry at the Census of Manufactures for 1933.
Earlier monthly figures are in the 1932 AnNual Sopplement of the survex.
${ }^{1}$ Compiled by the U. S. Department of Commerce, Bureau of the Consus. Data cover reyorts of 72 manufacturers in 1927 and 68 in 1935 , the reduction resulting from mergers or from firms having gone out of business. The reporting manufacturers produced approximately 00 percent of the output of the industry at the Cenens of Manufuctures for 1933. The roleasos of the Burcaul of the Census show in
principal types of stationary and marine boilers included in these totals.
Monthly data for the period 1927-31 are in the 1932 ANNUAL SUPPLEMEN2 of TRE SURVFY.
4 Compiled by ihe U. S. Department of Commerce, Bureau of the Consus. Data cover reports of 60 to 63 manufachurers producing approximately 00 percent of the total value of the output of the industry at the Ce7 sus of Manufacturos for 1933 . Of the 60 manufaeturers roportine tor Docember 1935 ( 3 manufacturers having gona out Data rolating to oflice furniture do not include professional, store, and beauty-shop furniture.

- Compiled by the American Motol Market. Data ropresent averages of daily pricos of 10 pounds of steel products weighted according to the importance of their production. The composite (as of Jan. 1, 1935) includes the following: 2 pounds of bars; $11 / 2$ pounds oach of platas, plpe, and sheots; 1 pound each of shapes, wire nails, and ips, and 22 yound of tin plato.
See the 1932 ANNUAL SUPPLEMENT Of The SURViy for earlior data, by months.
Compiled by the U. S. Department of Labor, Bureau of Labor Statistics representng averages of weekly prices. Steol-billet prices are those of Bossemer billets prior to 1929 . In rocent years, however, the output of Hessamer billets has been very amall, and the prices beginning with 1929 cover primarily those of open-hearth billets. Since prices of Bessemer and open-hearth billets did not vary greatly in the aarly periods shown in this series and were practically identical from 1928 through 1928, the ftures represent a fairly com
Earlier monthly data are shown in the 1932 ann dal Supplement of tee Surver. 6-month average, July-December.
Not available for 1924
Deflcit.
Page 120
See note 4 for p .110.
Data furnished by the Organization Service Corporation from reports of the Spring Washer Institute (formerly the Commercial Lock Washer Statistical Bureau). Figures cover roports of about 8 firms representing approximately 90 percent of the entire
industry. Monthly data for the period 1927-31 are shown in the 1932 ANNUAL SUPPLEMENT OF THE SURVEY
${ }^{1}$ Compiled by the U. S. Department of Commerce, Bureau of the Census. Data cover reports of most of the larger manufacturers, varying in number from 51 in 1923 to 46 in 1935 , the reduction resulting from establishments having gone out of busiess. Otar releases are rofnery mate
and miscellaneous items.
Monthly data prior to 1932 will be found in the 1932 ANN UAL SUPPLEMENT OF THE SURVEY.
'Compiled by the National Association of Flat Rolled Steel Manufacturers, covering reports from practically all the independent sheet manufacturers. The rated capacity of the mills of independent sheet manufacturers reporting to the association In 1035 averaged 305,000 net tons a month, or about 59 percent of the total regular sheet and jobbing mill capacity ( 517,000 net tons). This percentage, which has varied somewhist throughout the period covered by the series, was 60 percent in 1919, 75 percent in 1925, and 64 percent in 1934. It is believed that the operating percentages as shown by the reporting independent companies are representative of those of the ontiro industry. The standard for rating mill capacities was revised beginning with eptembor 182 , thereby increasing the min capacios by about 11 percent; this ported capacity ratios.
ported eapaeity ratios.
Fon monthly figures prior to 1932 refor to the 1932 anNuAL SUPDLement.
Compiled by the American Bureau of Metal Statistics and cover approximately the entire output of tin and terne plate in the United States. According to the of tin in the manufacture of tin and S. Department of the Interior, the consumption if tin in the manufacture of tin and terne plate accounted for the following percontages of the total domestic consumption of tin in the years specifled: 1927, 36
percent; 1928,37 percent; 1030,43 percent; 1931, 37 percent; 1932, 44.4 percent; 1933, 60 percent; 1934,54 percent; and 1935, 51.5 percent.
Monthly dnta for 1934 and 1935 represent the production of tin plate only; the monthly averages include terne plate production. Monthly data have not been reported subsequent to June 1935; Agures back to 1922 are shown on p. 20 of the December 1932 issue of the Suryey.
Compiled by the American Iron and Sleel Institute. Dats represent the production of T-rail track of 60 pounds per yard and heavier, including all special or fabri cated T-rail track work (switches, switch stands, frogs, crossings, guard rails, and appurtenances) of carbon steel, manganese steel, and other metals for both domestic the 1932 ANNUAL SUPPLEMENT OF TIE SURVEY.
7 According to revised method of reporting mill capacities, comparable with succeeding data. (See note 4.)
Includes revisions not allocated by months; monthly figures not avallable subsequent to June 1935.


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Complea by the U. S. Department of Commerce, Bureau of the Census, from reports of 56 manufacturers in 1933 and 1034 and 54 at the end of 1935, 2 firms having gone out of businass in December 1935. Data for the air-washer group cover air washers (including pumps, motors, and control where furnished) and air-conditionofg units for industrial purposes only (including usual accessories). at the beginning of 1936 this group was expanded to include central-station systems and other items not formeriy reported; hence, no comparable figures for this series are available in such s new industry. For details regarding the separate items included under in such 8 new industry. For details regarding the separate items included
: Data furnished by the Organization Service Corporation from compilations by the Electric Overhead Crane Institute, covering reports of 11 manufacturers estimated to cover 98 percont of the entire industry.
8 Compiled by the Foundry Eiruipment Manufacturers' Association from reports of 11 to 23 members, representing 65 to 70 percont of the foundry-equipment industry. The principal products are molding machines, sand-cutting machines, sand-blast machines, tumbling barrels, sand-mixing machines, cupolas, ladles, core-making machines, etc. The reports for each month are related to the aversge shipments of the reporting firms fromi 1922 to 1924 the number of reporting firms.
$n$ the number of roporting firms.
¿Compiled by the U. S. Department of Commerce, Bureau of the Census. Data are based on reports of 160 manufacturers in 1933 and 1934 and 152 at the ond of 1935 8 manufacturers having gone out of business during 1935 ; the reporting firms produced at the Censtrs of Manufactures for 1933 . These statistics refer to oil burners and oil burner units consumaing fuel oil of commercial standard No. 1 grade, or heavier, used for sppllication to central heating plants for bomes, apartments, office buildings,
churchos, theaters, and sinnuar buiddings; to industrial-process equipmonts such as heat-treating furnaces, industrial ovens, etc.; and for generation of steam for powor They do not inolude buruers used in ranges, stoves, water hoaters, and amare heaters for 160 mre classined as "distillate oil burmers." Figures here sbown sujuersede thos for 160 manufacturers published in the monthly issues of the Sulver prior to Apri 1936, owing to the exclusion of data for certain types of burners whieh shond havo - Compiled by the $U S$, burier.

- Compiled by the U. S. Department of Commerce, Burcate of the Census. Date are based on reports of 10 manulacturers in 1931-33and 11 in 1934 and 1935 , comprising practically the entire industry. For details regarding the various types of pulverizers Cother with their capacity, see the monthly releases of the Bureau of the Census.
Compled by the $U$. Department of Commerce, Burcaus of the Census,
Compiled by the U. S. Department of Commerce, Hureau of the Census, from reports of 108 mamufacturers producine approximately 91 percent of the total valuo
of the ontput of the industry at tho Census of Manufactures for 1933 . inechanical of the ontput of the industry at tha Census of Manufactures for 1933 . A mechanica
stoker is a device consisting of a mechanically operated fecting mechanism and a grate, usod for feeding solid fuel into a furnace, adinitting air to tho finel for combustion and providing a means for removal or discharge of refuse. Mechanical stokers ar classified by use as follows: Class 1, residentini; class 2, npartment houso and smal commercial heating jobs; class 3, general commercial hoating and small high-pressure eteam plants; class 4, large commercial and high-pressure stemm plants (capacity over 300 pounds of coal per hour).
${ }^{7}$ Shipments include those for export as well as for domestic use.
Net new orders represent now orders less cancelations.
- 3-month average, October-December.


## Page 122

I Compiled by the National Machine Tool Builders' Association. Data represent an index of the dollar volume of new orders for machine tools and for forging machin. ery since January 1934, forging machinery constituting less than 3 percent of the combined sales of the 2 groups. No corrections are made for seusonal variations for ment of the comprehensive data being collected since 1934 and the series previously presented to form a continuous series. In making the adjustment, the whole curve Was raised to bring it in line with the 1926 shipments base. This was done by dividing the old index by a constant factor ( 180.3 ) whieh represented the avernge relation. ship between the new and old inder numbers for all companies which had reported continuously over the $15-\mathrm{year}$ period (1919-33). The association received reports from 50 to 60 companies for the years 1919-27, 60 to 89 compunies for $1928-33$, and an average of about 167 companies in 1934 and 155 companies in 1935 . for monthly figures prior to 1932 , see the July 1934 issue of the SUKVFY, $p .20$.
a Compiled by the U. S. Department of Commerce, Burcau of the Census. Data covering water-softening apparatus for private residences, include rpports of 30 The total net sales price and the average price per unit are given in the monthly press releases of the Bureau of the Census.
A different series was given in the 1932 Ansual Supplempnt of the Stifyer.
${ }^{3}$ Data relating to shipments of domestic water pumps and water systems compiled by the U. S. Department of Commerce, Burcaut of the Census. Jigures for 1034 and 1935 are according to reports of 62 manufacturers who prodnced over 90 percent of the total value of domestic pumps and water systems reported at the Census of Mfanufactures for 1033 . Data prior to 1934 are estimates for 52 firms based on data as reported by 45 frms from 1930 to 1932, inclusive, and 49 in 1933 . Since in 1934 data are available for 49 firms as well as for 52 firms, total shipments for 1933 wero cstimated by applying the $1933-34$ ratio of total shipments of 49 manufacturers to the 1934 tota shipments of 52 manufacturers. The monthly figures for 1933 were in warn obtained by applying to the estinated total for the year the ratios existing between monthly and total shpmeato method was followed in linking the data for earlier years
Comphed by the Association of ana acturcrs of wodurorking Machinery fron reports of its members, averaging about 25 each month ant varying fronl 18 to 31 1933 represented about 43 percent of the value of woodworking machinery produced 1933 represented about 43 percent of the value of woodworking machmery broduced biennial census years are as follows: 1831, 47 percent; 1020,54 percent; 1927 , 02 percent; 1925,48 percent; 1923 , 45 percent; 1921,41 percent; 1919,40 jercent. Jhe products comprised in the woodworking-machinery classification include band and scrol saws, band mills, band rip and resaws, borers, circular cut-oft saws, circular resaws circular ripsaws, combination saws, dovetailers, gainers, grinders, hand planers and glue jointers, lathes, molders, mortisers, planers and mateliers, sanders, sush and door machines, shapers, surfacors, tenoners, wheol machines, woodworkers, besides miscellaneous woodworking machinery
Earlier monthly data are shown in the 1932 AnNUAL Supplement. Theminor revisions are indicated by the changed averages.
${ }^{*}$ Compiled by the U. S. Department of Commerce, Bureau of the Census. Data of the total value of output in the industry at the Census of Manufactures percent For value of shipments, see the monthly press relases of the Manufactures for 1933. - Compiled from reports of the IIvdraulic Socity, covering trom 22 to 25 member companies which represent about $\% 3$ of the entiro industry. Since the number of companies which represent about 3 of the entiro industry. Since the number of 1925 , the original fagures prior to April 1925 were prorated to compare with reports of the 23 companies in April 1925. Figures beginning with April 1931 include rotary pumps, this class representing about il percent of the total for the o months, AprilDecember 1931. Reciprocating deep-well pumps, which represented 3 percent of the total in 1933, are excluded beginning with January 1934.
Earlier monthly data were published in the 1932 ANNUAL Supplemext.
7. 6-month average, July-December.

8-month average, May-December
10 Less note 6, abov

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1 Compiled by the U. S. Department of Commerce, Bureau of the Census, from reports of 39 manufacturers ( 40 prior to June 1938 , 1 company having gone out of business). Of the 39 manufacturers, 25 report sales only, $\theta$ (including severalimporand 5 report both sales and consumption of metals produced by them. These muna, facturers produced approximately 84 percent of the total value of the output in tho industry reported at the Census of Munufactures for 1033 .
' Compiled by the U. S. Department of Commerce, 13urcau of Foreign and Domestic Commerce. Data represent general imports through 1033 and imports for consumpCommerce. Data represent general imports through 1933 and imports for consump-
tion thereafter. Montbly data for tho period $1923-31$ are shown in the 1032 AnNUAL SUPPLEMENT.
${ }^{2}$ Compiled by the American Metal Market, representing avernges of daily prices. Monthly data for the period 1925-31 are in the 1932 ANNUAL SUliflement
Commerce Com by the U. S. Department of Commerce, I Bureau of Foreign and Domestic old and scrap copper, pipes and tubes, plates and sheets rods, wire, other forms, old and scrap copper, pipes and tubes, plates and sheets, rods, wire, and insulated first availahle, exports in that year amounting to 4,238 short tons). Note that exports as shown in the 1032 ANNOAL and subsequent monthry issues of the

Surver exclude insulated copper wire and cable. Imports, representing general imports through 1933 and imports for consumption thereafter, include the metal content of copper in all forms (ore, concentrates, matte, regulus, unrefined, black,
blister, refined, scrap, ete.). Both exports and imports exclude a small amount of copper manufactures for which no expartity data are available.
©Compiled by the Engineering and Mining Journal. Data, based on sales for both prompt and future delivery, represent average quotations for copper in the ered basis. Since delivery and interest charges vary with the destination the figin ered basis. Since delivery and interest charges vary with the destination, the figures here are net prices at refineries on the Atlantic seaboard. Quotations for July 1934 to May 1035, inclusive, conform to the Blue Eagle price re
© Compiled by the American Bureau of Metal Stalistics, except data relating to mine and smelter production prior to 1921 , which were compiled by the $U$. $S$. Depart. ment of the Interior, Geological' Survey. See the 1932 ANNUAL SUPPIEMINT for earlier monthly data. A tew minor revisions have been made since that publication was issued.
' Oompiled by the American Bureau of Metal Statistics. Domestic shlpments (as distinguished from export) represent deliveries from refineries in the United States,
plus shipments to the United States from refineries in Chile and Canada. See the plus shipments to the United States from refineries
O32 ANNUAL SUPPLEMENT for earlier monthly data.
8 Compiled by the American Bureau of Metal Statistics. Data represent holdings of refined copper at refineries in the United States, Chile, and Canada (beginning 1926). See last sentence of preceding footnote.

- Mine-production data represent practically the complete production of copper in ore, concentrates, etc, as reported by mines in the United States. Monthly data for 1934 and 1035 are estimated from the yearly total on the basis of monthly figures as reported by the Americen Metal Market.
${ }^{10}$ Data represent the production of refined copper by primary refineries in the United States, Chile, and Canada (beginning 1926), including the secondary output of primary refineries (output from scrap and secondary blister copper).
States from domestic ore only; beginning with 1921 copper by smelters in the United domestio and imported ores, blso from some scrap copper. According to the both Geological Survey, the production in 1921 from domesticore only was 252,793 short tons, or a monthly average of 21,066 short tons.
129 -month average; no quotations from August to October, inclusive.
1811 -month average, January-November 1918 and February-December 1919. 14 See note 11, above.
is 10 -month average; no data for October and November.
is 8-month average; no data for January, February, April, and May.


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${ }^{1}$ Compiled by the $U . S$. Department of Commerce, Bureau of Foreign and Domestic Commerce. Data represent general lmports through 1933 and imports for consumption thereafter; they include the lead content of ore, concentrates, matte, bullion or base bullion, also pigs, bars, scrap, and old. This ls the same sories that was shown in the 1932 ANNUAL SUPPLEMENT.
${ }^{2}$ Compiled by the American Bureau of Metal Statistics, except data relating to prices, which aro compiled by the Engineering and Mining Journat, and represent arithmetical averages of daily prices of desilverized pig lead. Refined-lead production represents the total refined lead produced from domestic ore as reported by primary refiners, plus some production from secondary material passing through primary smelters. Shipments represent the total reported shipments of refined lead fordomestic exclude refned lead produced from ore or base bullion of forelgn origin, except prior to 1935 when a small amount was included. See the 1932 ANNUAL SUPPLEMENT for earlier monthly data.
${ }^{3}$ Compiled by the American Bureau of Metal Statistics, representing the estimated consumption of primary tin in the manufacture of tin plate and terne plate, except in 1934 and 1935 when figures exclude the small amount used in the manufacture of terne plate ( 629 and 1,144 long tons, respectively). See the note on tin and terne plate production to determine the amount of tin used for this purpose, and for the source of earlier monthly fgares
Deliveries and stocks
Deliveries and stocks of tin are according to data published by the American Metal Market from statistics compiled by the Commodity Exchange, Inc. (formerly by the National Metal Exchanoe and the New York Metal Exchange). Deliveries represent deliveries of foreign tin in the United States. The world visible supply with all known supplies afiost; also the stock carry-over in the Straits Settlements With all known supplies afioat; also the stock carry-over in the straits settlement at the Arnhem (Holland) smelter since July 1933 ( 200 long tons). Note that figures published in the 1932 ANNUAL and subsequent monthiy issues of the SURVEY do not include the stock carry-over in the Straits Settlements and at Arnhem.

- Complled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, representing general imports through 1933 and imports for consumption thereafter. Data include ore (tin content), bars, blocks, pigs, ete. See the 1932 ANNDAL SUPPLEMENT for earlier monthly data.
6 Compiled by the American Metal Market, representing averages of daily prices. Earlier monthly data are in the 1932 ANNUAL SUPPLEMENT
7 Compiled by the Joplin Globe. Figures are expressed
7 Compiled by the Joplin Globe. Figures are expressed in terms of concentrates (zino content is about 60 percent) and are shown in short tons, wet weight; they represent shiprnents from and stocks at mines in the Joplin district. In recent years the Joplin district (which includes parts of Kansas, Missouri, and Oklahoma) has produced over sis of the zinc ore mined in the United States.
The figures in the 1932 ANNCAL SUPPLEMENT are comparable with these data.
T Complied by the Americar Burcau of Metal Statistics lead content of domestic ore received by United States smelters, are computed on the basis of recoverable lead. This series and the others on lead are a continuation of tbe data in the 1932 ANNUAL SUPPLEMENT.
Compiled by the Joplin Globe. Figures are expressed in terms of concentrates (lead content is about 80 percent) and are shown in short tons, wot weight; they represent shipments from mines in the Joplin district, which includes parts of Kansas, Missourl, and Oklahoma.
10 Figures for 1921 and 1922 are
10 Figures for 1921 and 1922 are partly estimated to include data for two nonreporting smelters producing pig lesd for their own consumption. Since receipts at ing percentage was added to the reported figures for 1921 and 1922 to obtain the ing percentage

116 -month average, July-December
12 Includes revisions not allocated by months.
as See note 3, above.

## Page 125

Compled by the Enginecring and Mining Journal, representing averages of daily prices for common grades of slab zinc, commonly described as prime westera. Common grades of slab zinc are reported on the basts of St. Louis, although relatively little slab zinc is actually delivered at that point. Sales are made for delivery at are made on St. Louis basis and figured up to points of delivery, with allowance for freight differentials, either way.

Monthly data prior to 1932 for this and the other series on zinc will be found in the 1932 ANNTAL SUPPLEMENT.
${ }^{2}$ Compiled by the American Zinc Institute, except data prior to 1920; production prior to 1920 compiled by the $U$. $S$. Bureau of Mines, retorts in operation and stocks compiled by the American. Metal Market. Figures represent the production, shipments, and stocks of slab zinc. Production and stocks include zinc produced froin foreign ore through 1928; thereatter, data represent virgin zinc produced from domestic ore only, plus secondary zinc produced by primary smelters. Retorts in operation and stocks prior to 1920 represent data at the en
nigthose at smeters and in bonded warehouses.
${ }^{8}$ Compiled by the National Electrical Manufacturers' Association from data fur nished voluntarily by its members. It will be noted that the statistical coverage o nishid voltry is not comprehensive. The assoctation states that the figures shove are not necessarily complete or even representative of that part of the electrical manufacturing industry covered, nor are they comparable with provious periods. and that care should be taken in employing these figures to avoid misinterpretation For the number of companies reporting (which for some items, has varied considerably throughout the period covered, see the individual reports of the association which are in the Surver files. New orders for electric furnaces represent those for industrial use. Data relating to laminated phenolle products cover billed sales and include gear and gear stock and nongear stock. Figures for electric motors compris large power (alternating and direct current) motors, including rails and pulleys sold with motors, but excluding spare parts.
Ing quarterly data as reported by 78 menp (acturer, Bureau of the Census, represent ing quarterly data as reported by 78 manufacturers of electrical goods. Figures in clude orders for electrical motors, storage batteries, domestic appliances, Industrial equipment, and other electrical apparatus and supplies; these data are presented dicate the trend. The ent of industry, but as sumber representative to in SUPPLEMENT 0 . parable totals for individual quarters prior to 1932, see the August 1933 issue of the SDRVET, p. 19.

- Quarterly average
- 6-month average, July-December.

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1 Complled by the National Electrical Manufacturers' Association. For statement made by the association, see first part of note 3 for p. 125. Total billed sales of electric ranges in 1933 represent practically the entire value of production reported st the Census of Manufactures or that year. Consumption or iber paper includes tha of both sheet and tube: shipments (which are domestic and exclusive of intercoma-
pany shipments) include those of vulcanized fiber sheets, rods, and specialties, pany shipments) include those o
${ }^{1}$ Compiled by the Edison Electric Institute. Data represent estimates of tota domesticsales of household electric refrigerators by manufacturers, including cabinets with systems and separate systems. Figures beglnning with 1931 are estimatod with systems and separate systems. Figures beglnning with 1931 are estimated
from reports issued by the National Electrical Manufacturers' Association covering reports of its members only. Data prior to 1930 were furnished to the Edison Electric Institute by the McGraw-indl Publishing Co. The 1931 and 1932 figures, as her shown, differ slightly from those published on p. 20 of the July 1935 issue of the Surver, owing to minor revisions.
${ }^{\text {' Compled by the Vacuum Cleaners Manufacturers' Association. Figures, repre }}$ senting practically the entire industry, are based on reports of members of the associ ation and include estimates for nonmember companies. Data on floor types for some mantbs prior to 1932 are in the 1932 ANNOAL SUPPLEMENT, while monthly fgares on hand types are shown on p. 20 of the August 1934 Surver. Note that the 1933 and became members of the association during the existence of the National Recovery became membe
Ad Compiled by the Nonferrous Ingol Metal Institute, except data relating to deliv eries January 1934-April 1935, inclusive, which were compiled by the Code Authorily of the Ingot Brass and Bronze, Industry. Figures compiled by the institute, ropresent ing only its member companies, comprise from about 80 to 90 percont of the entire ing only its member companies, comprise from about 80 to 90 percent of the entire It is estimated by the association that the figures for deliveries as reported by the code authority from January 1934 through April 1935 would be fairly comparable with the institute's figures if adjusted by the deduction of approximately 15 percent Monthly data back to 1929 are shown on p. 233 of the 1932 ANNUAL SUPPLEMENT © Compiled by the U. S. Department of Commerce, Bureau of the Census, based on data reported by 59 manufacturers. Figures include bath and shower Attings lavatory fittings, sink and laundry-tray fittings, and miscellaneous items.

- Compiled by the $U$. S. Department of Commerce, Bureau of the Census, based on
reports of 17 manufacturers (18 prior to January 1935,1 having gone out of business) reports of 17 manufacturers (18 prior to January 1935, 1 having gone out of business), comprising practically the entire industry. Square feet of heating surface represen the equivalent direct radiation. finse igures reier to nonferrous-metal convection type radiators only; for data regarding oast-iron convection-type radiators, see p. 117 senting averares of Tuesday quotations on yellow brass sbeets, base sizes, wide senting averages of Tuesday quotations on yellow brass sheets, base sizes, wider
than 2 lnches and including 8 inches, No. 16, $B$ and $S$ gauge, f. o. b. mill. Monthly than 2 inches and including 8 inches, No. 16, B and S gauge, f. o. b. mill Monthy average prices for 1913 to 1918 are as follows: 1913 , $\$ 0.178 ; 1914, \$ 0.140 ; 1915$, $\$ 0.223$ SUPPLEMENT.
${ }^{5}$ Compiled by the Wire Cloth Manufacturers' Association, from reports of 8 to 10 manufacturers ( 9 at end of 1935) representing approximately 90 percent of the in dustry, Data cover brass, bronze, and alloy wire cloth used for paper mill purposes. Refer to the 1932 ANFUAL SUPPLEMENT for earlier monthly data.
111-month average, February-December.
11 10-month average, March-Decembe
is S-month average,
See note 4, above.
Page 127
1 Computed by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, from data compiled by the U. S. Pulp Producers Association for all item except sode pulp, for which data are supplied by the Soda Pulp Manufacturers Association. All items of production are raised to Census totals through 1934, with the 1935 flgures adjusted to the raised 1934 data pending the completion of the 1035 on the basis of the ratio of production and consumption and shipments indicated by on the basis of the ratio of production and consumption and shipments indicated by
the sample data. For a brief discussion of the problem involved in raising monthly the sample data. For a brief discussion of the problem involved in raising monthly deficiencies of the sample data the results achioved are not very satisfactory, but they do provide figures which are reasonably comparable.
For production of groundwood pulp, the figures shown here correspond with those shown through 1932 on p. 20 of the November 1933 issue. Other details shown in the November 1933 issue, on pp. 18 and 19, should not he used in oonjunction with the monthly figures shown here starting in 1934, which represent a much more complete coverage than did the earlier figures. However, it is possible to compare the monthly figures of the new series with the "monthly averages" for years prior to 1934, which, for production, are the Censua annual totals roduced to a monthly basis. Data on
consumption and shipments prior to 1034 are computed from the Census production consumption and shipm.

In adjusting the 1934-35 soda pulp figures, their comparability with the earlier data (and honce the comparability of total wood pulp) is affected by the inclusion of "semi-chemical" soda pulp in the Census figures for 1933-34, which figures are not included in the monthly series on soda pulp. This gives the computed agares
since 1932 an upward bias (whioh, however, afects the total figures on wood pulp since 1932 an upward bias (which, however, affects the total figures on wood pulp
only slightly). In 1034-35,
In 1934-35, the U. S. Pulp Producers' Association based its compilations on the reports of 172 mills, which in 1934 produced 92 percent of all wood pulp, 96 percent of the sulphite (unbleached, 92 percent, and bleached, 99 percent), 94 percent of the sulphate, and 88 percent of the ground wood, according to the Census. Starting in 1930 large mills, the coverage was not much affected. According to the association, the large mills, the coverage was not much affected. According to the association, the
covorages based on 162 mills are: Total wood pulp, 94 percent; unbleached sulphite covorages based on 162 milis are: Lotal wood pulp, $\theta 4$ percent; unbleached sulphite, sulphate, 93 percent (the last 2 items are shown in combination only in the SURVEY); and ground wood, 92 percent. With 172 mills roporting, these percentages were, respectively, 94 percent, 98 percent, 100 percent, 94 percent, 100 percent, and ground wood unchanged. It may be noted that the coverage reported by the association is slightly higher than that indicated by the Census data. Soda pulp is reported by 20 mills since February 1934 (18 in January 1834 and 19 in February 1034), which in 1934 produced about 71 percent of all soda pulp, according to the Census. Prior to 1934, whon the number of mills reporting on all classes varied considerably, total chemical wood pulp reported monthly dropped as low as 41 percent of the industry total (193233). Ground wood, the only series shown here by months prior to 1934 , is based on
reports covering more than 90 porcent of all ground wood in years prior to 1934, except reports covering more than 90 percent of all ground
in 1032-33 when the coverago dropped to 61 percent.
Included in the present ilgures is a small amount of damaged, off-quality and mis. cellaneous pulp, reported separstoly by the U. S. Putp Producers' Association. Starting in 1934, four firms reported to the association on the 13 -month basis. Tbe "13 12 periods are incinded with the corresponding calandar month tatals, and the been included in the monthly averages.

Page 128
${ }^{1}$ These data ure as reported by the American Paper and Pulp Association, excep the figures on soda pulp, whioh are from the U. S. Pulp Producers' Association. These figures are as reported and are not adjusted as the figures are on the preceding page. 'I'he coverage of the data is glven in note 1 for the preceding page.
Computed by the . Department of Commerce, Bureau of Foreign and Domestic Commerce, from data compiled by the sources specified below. These data, raised to Census totals, shown in italies, reprosent an attempt to provide a continuous series on paper production and shipinents from the shifting samples which bave been reported The method of adjustmont used results in some distortion of the year-end changes, but they do provide data with some reasonable degree of comparability. These statisties they do provide data with some reasonable degree of comparability, These statistics production) and on p. 19 of the December 1933 issue (production of paperboard) production) and on p. 19 of the 19ecember 1933 issue (production of paperboard) herein shown raised to the Census total of writing paper and cover paper, a more comparable classification than just writing paper alone, which was the Census classif. cation used in raising the writiog-paper figures shown on p. 19 of the December 1933 Issue. Raised figures on newsprint have not betore been shown in the SURVEY. Book paper and wrapping paper, the other series shown in the Degember 1933 issue cannot be carried beyond the ond of 1933 , because of changes in classifications.
The data used in doriving theso raised figures were compiled by the following agencies: Prior to Juno 1923, the Federal Trade Commission; from June 1923 through Docember 1935, the American Paper and Pulp Association for all items except news print, which is supplied by the Newsprint Service Buraau, and paperboard, furnished by the National P aperboard Assotiation since 1033. In order to keep these latter fgures comparable with the earlier data reported by the American Paper and Pulp Association, it was necessary to combine the paperboard figures with the board Igares roported by the American Papsr and Pulp Association.
On account of ohanges in classifications beginning in 1934, It was necessary to figures to a Censuy total of all itams except paperboard, fine paper, and newsprint (the thrce series for which comparnble statisties are available) in orden to obtain a series which could be combined with the three series just mentioned to provide a series which conid be combinea with the three series just mentioned to provide a raised to industry totals, according to the annual data reported by the Cansus of Manufactures. Tho distortion in the year-end changes roferred to above results from the use of a constant multiplying factor for each month, since the coverage of the samples vary from year to year. However, the distortion is generally in the. degroe of the Docember-January change, rather than in the direction of the change In 1922, 1924, and 1926, when no Census was taken, the monthly figures were adjusted to the Cen sus nturos for 1921, 1923, and 1925, in accordance with the month-to-month change indicatod by the original figures.
For shlpmonts, it was assumed that the ratio of shipments to production was the same for the ontiro industry as for the samples covered by the monthly reports Paperbogrd shipmonts were not reported by the association subsequant to 1933 . 1924, and 102n, but will be more accurately adjusted when the 1935 Cenaus figuros 1924, and 182f, but will be more accurately adjusted when the 1935 Conaus figures
becomo avaifable. The data shown in italics are not to be confused with the other becomo availible. The data shown in italics are not to be conf
paper statistics shown, which are as reported by the compilers.
paper statisticts shown, which are as reported by the compilers. they are for gonoral imnorts. The dats are compiled by the U. S. Dipartment of they are for gonaral imnorts. The dats are compiled by
Commerce, Buranu of Forsign and Domestic Commercs.
4 Oompiled by the U.S. Dsparlment of Labsr, Burbau of Labor Statistics, and are averages of weokly prices.

- These totals inolude all typas of papar. Separate totals could be computed only for the 3 types shown, the others being grouped into an "all other" class which is not separately shown but which can be obtained by subtraction.


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${ }^{1}$ Oomputed by the U. S. Dspartment of Commerce, Bureau of Foreign and Domestic Commerce, and reprosents total papor production as reported by the American Paper and Pulp Association for all items excent panarboard, supplied by the Bureau of the Census, and newsprint, obtained from the Newsprint Service Bureau. "Total paper all the production items shown in the succoeding columns.
Total paper (exclusive of newsprint and paperboard) is a summation of groups A to iv, inclusive, ms reported by the American Papsr and Pulp Association in its monthly balletin ontitled "Monthly Statistical Summary." Group A includes printing papors (uncostod book and products of the groundwood division); group B consists
of fine papers (including products of the writing and cover divisions); group $C$ consists of wrapping papers (including products of sulphite, kraft, glassine and greaseproof, and specialty and board divisions); group $D$ is made up of boards (including products of the bristol board, binder's board, cardboard, fiberboard, leatberboard, and kraft board divisions); and group $E$ is the miscellaneous class (includes tissue, blotting, and bogus divisions).
To the totni production, as shown in column 3 and derived as indicated above, is
added the Burcau of the Consue figures on paperboard production and the figures of
the Newosprint Service Bureau for newsprint production to obtain the proiluction total given in column 1 .
As explained in note 2 for the preceding page, the present classification of the association differs from that previously used. The intlustry coverage, however, has been greatly improved. Thus, while the coverage of the old series for total paper production in 1933 was only 52 percent, the 1934 coverage was 87 percent. Sinco shipclassifications, total new orders and total shipments can be shown only for the dal other" group (i. e., total paper, excluding newsprint and papown only for the all other" group (i. e., total paper, excluding newsprint and paperboard); a produc-
tion total, excluding newsprint and paperboard, is shown for comparative purposes Compiled by the Book Paper Division of the Paper and Pulp Indutry purposes. sents operations in from 63 to 81 mills producing coated book papers, and from 17 to 21 mills producing uncoated book papers. According to the nssocintion, production of these companies represents practically the entire ontput of the industry. Figures for the first 5 months of 1934 are not available. These data cannot be adjusted to the Census of Manufactures totals, owing to changes in classification, and they are not comparable with those showa in the Survey through December 1933.
${ }^{1}$ Compiled by the U. S. Department of Labor, Burcau of Labor Statistics, representing averages of Tuesday prices.

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${ }^{1}$ Compiled by the American Paper and Pup Association and includes products of the writing and cover divisions of the industry as roported by members producing 76 percent of all such products in 1834 , according to the annual surveys of the $U$. $S$
Department of Commerce, Bureau of the Census. In earlier yoars tho coverage was Domarthen sinaller, but since the classitication has been the same for the full period, somewhat simaler, but since the classitication has been the same for the full period,
it was possible to raise the figures to industry totals. These figures aro shown in it was possible
italics on $p .128$.
: Compiled by the American Paper and Pulp Association and includes products of the sulphite, kraft, glassine and greaseproof, and specialty papor and board divisions of the Industry. This classification, which was first used in 1931 , is much broader result no estimate of the industry coverage can be made
: Compiled by the Newsprint Sernice Burcau. Dato. on production, shorants, and mill stocks are for practically the entire industry. Included in thipments, averages are small quantities of paper referred to by the Bureau as "yoar-end adjustments." Exports are from the Department of Thade and Commerce, Domimion Burcau of Statistics. Earlier monthly data appeared on pages $240-241$ of the 1932 ANNUAL
SUPPLEMENT and were correct as shown, except for minor revisions. SUPPLEMENT and were correct as shown, except for minor revisions.

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1 Compiled by the U. S. Department of Commerce, Bureau of the Census, from data furnished by the National Paperboard Association from reports of members, and by manufacturers reporting direct to the Bureau of the Census. Figures on paperboard reports), rate of oper called boxboard by the Bureau of the census in its monthy facturers, while for waste paper the stntistics shown are for 85 identieal munufucturers. In 1934, output of paperboard by these producers represented 83 percent of all paperboard, and in 1933, 82 percent, according to the snnual survey of the Bureau of the Census. These figures first appeared in the January 1934 issue ond are not comparthe figures shown in italics on p. 128 , which aro raised industry totals based on dith compiled by the National paperboard Association and the American paper and data ompled by the National Paperboar, Association and the American Paper and Pulp Association. The Bureau of the Census paparboard report aiso contains data on
inch-hours opersted, and consumption of wasto papor as a percontage of rated consumption capacity.
The Burcau of the Census defines paperboard for the purposes of its monthly report as board of a thickness of 0.012 inch or inore.
; Oonsumption by publishers, stooks of publishers, and stocks in transit compiled by the American Newspaper Publishers' Association and are bascd on the reports or 422 publishers from June 192 through October 1026, 423 in Novembor and 1927 throAccording to the association, this series newsprint consumed. Due to the changes insents approximately 80 percent of ail the consumption figures were adjusted to in the number of publishers reporting, year link relatives for identical publishers. For publishers' stoeks and stocks in transit, the figures shown are as reported, the year-to-year percentage changes not being given in the reports. Earlier dista for a larger numbor of publíshers, compiled by the Pederal Trade Commission, wers shown on p. 242 of the 1932 A NNUAL SUPPLE-
urnt and on pp. $45-47$ of the June 1922 issue. Stocks on hand for these publishers ment and on pp. 45 - 47 of the June 1922 issue. Stocks on hand for these publishers
totaled 176,349 tons on May 31, 1923, as compared with 134,576 for the 422 publishers totaied 176,349 tons on M.
shown by the sssociation.
2Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domeatic Commerce. Prior to January 1934 the data were, for general imports; since thea, they reter to imports for consumption. Prior to Sept. 1, 1916, imports include only paper valued at not above 2.5 cents per pound; from Sept. 1, 1916 , to Apr. 24,1920,
not above 5 cents per pound; since then, not rbove 8 cents ner pound. Nionthly not above 5 conts per pongd; since then, not rbove 8 cents per pound. Monthly
data bsok to the beginning of 1823 appeared on pp. 242-243 of the 1032 ANNUAL SupPLEMENT OYTHE SURVEY.
4 The grade of paper for which the price is quoted is known as grade 32, or 32 . oound-weight paper, and is by far more important than all other crades combined. The prices on otber grades fluctuate in proportion to this grade, bearing at all times a constant differential to the other grades. The price as published is on a New
York basis. Prices for all important centers, such as Chicago, Cleveland, and representative port cities, are usually the same as on the New York basis. Prices in San Francisco and the wost coast follow the same practice and usunhy establish prices identical with the New York basis. Prices in other cities differ largely to the extent of freight rates only, although at times competition or other local factors may aflect the prices. In cases where there
ton, and is usually a freight differential.
ton and is usually a freight difierential. States, prior to June 1923, from the Federal Trade Commission; since then, from the Nevosprint Service Bureau, The figures cover practically the entire industry, according to the Census of Manufactures. Included in the monthly averages are a small amount of paper referred to by the Bureau as "year-end adjustments."
These figures had to be adjusted to only a minor extent to obtain the industry totais shown on p. 128 . For earlier monthly ngures, see pp. 242-243 of the 1932 SUPPLEMENT. These data were correct as shown, except lor minor revisions.
7-month average, June-December.
Page 132
${ }^{1}$ Data compiled by the Abrasive Paper and Clolh Manufacturers' Firchanje, estimated to represent 90 percent of the industry. The totals given include the shipments of garnet, emery, flint, and artificial (silicon, carbide, and aluminous oride) paper, oloth, and combinations. Figures are stated in equivalent reams 9 by 11
inches in sice. The data submitted show that in 1919 the total shipments wero
made up of the following approximate percentages: Garnet 39, emery 8, flint 32, and artificial 20 percent. In 1932, the division was as follows: Garnet 22, emery
flint 30 , and artificial 44 percent. Details are given in the association's reports. believed to cover the entire industry, the Association and the figures presented are each month. In 1934, the figures for solid fiber are complete; while for estimated each month. In 1934, the fgures for solid fiber are complete; while for the corrugated figures, for the first 8 months of that year 11.7 percent are estimated, and for are complete excent for an estimate of 3.4 percent included in the corrugeted figure Since then, the proportion estimated for both the solid fiber and corrugated figures has increased. These statistics are not comparable with the figures appearing in the 1932 SUPPLEMENT and in subsequent monthly issues through November 1934, which were compiled by the Paperboard Industries Association. Data on the ratio of operations to capacity, carried in the SURVEY through December 1933, are not available since that date.
${ }^{\text {: Reported by the Specialty A ccounting Supply Manufacturers A sociation (formerly }}$ the Continuous Fold Printers Association) on the basis of reports from 24 members, or all the important manufacturers of such products. The statistics are stated to represent, currently at least, 95 perc
to 1933 was probably somewhat less.
Data cover continuously printed and folded forms, such as Invoices, bills of lading, etc., used by railroads, steamship lines, banks, and commercial concerns.

Compiled by the Publishers' Weekly and is based on the reports of more than 700 publishers. In order to assure as complete a coverage as possible, the records of the index of the checked against book reviews and notices, end aiso against the card etc., are excluded. Reprints are also excluded, unless they are new editions. For etc, are excluded. Reprints are also excluded, unless they are new editions. For
earlier monthly figures, see pp. 240-247 of the 1932 ANNUAL SUPPLEMENT of THE Sarlier mo
© Compiled by the United Typothetz of America and represent job-printing activity in 85 cities located in 35 States, the number of shops reporting having increased is identical for any 2 consecutive months the is identical or any 2 consecutive months, the percentage change in the total
tive hours reported being linked to the index for the earlier of the 2 months.

- Data are reported by the Specialty Supply Manufacturers Association (formerly the Sales Boot Manufacturers Association). The sales books included are commonly known as duplicate or triplicate books, used by retail stores in recording sales; ail sizes and styles are included, but not interchangeable covers and accessories.
The 1935 statistics are more complete than the earlier data by reason of the inclusion of data for Pacific coast manufacturers. These more complete figures are carried forward in the monthly issues. The current data are estimated by the association to cover about 90 percent of the total output of the United States.
Data here given in italics for 1934 and earlier years are for operations of manufacturers east of the Rockies, but are reported as representative. Data for 1935, exclusive of the Pacific coast area, were reported prior to the revision as follows (in thousands of books): January, 11,130; February, 1,300 , March, 12,40, A pri, 13,631; May, 13,908 ; June, 13,309; December, 13,041
Data on shipments are no ionger reported by the association
711 -month average, February-December.


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${ }^{1}$ Computed by the U.S. Department of Commerce, Bureau of Foreign and Domestic Commerce, from data compiled by the Rubber Manufacturers Association, Inc. These figures differ from those previously shown in the SORVEY in that they are raised to industry totals as reported by the Census of Manufactures prior to 1929 , and by the annual surveys of the Leather and Rubber Division of the Bureau of Foreign and Domestic Commerce since that time. The latter's annual figures are consistently slightly
larger than those reported in the Census of Monufactures, partly because of the fact that they cover consumption by all rubber users, whereas the census figures cover consumption only by concerns classified by tbat Bureau under the rubber-manufacturing industries. The association collects figures from both member and non member concerns (Which have varied in number from 102 in 1033 to 214 in 1934). According to the above-mentioned annual figures, the association's coverage has been as follows: 1922, 89.7 percent; 1923-24, 100 percent; $1925,90.9$ percent; $1926,90.0$ percent; 1927, 91.7 percent; 1928, 90.9 percent; $1929,90.5$ percent; $1930,91.2$ percent; 1931, 91.7 percent; $1932,86.8$ percent; $1933,88.0$ percent; $1934,91.1$ precent; and $1935,89.7$ percent.
For the original figures, see pp. 248-249 of the 1932 ANNUAL SUPPLEMENT, and subsequent monthly issues of the Surver. Included in total rubber consumption are all grades of rubber, but excluded are gutta-balata, gutta-percha, gutta-siack, and all grades of rubber, but
Raising data to industry totals.-In raising sample monthly flgures to industry totals in those cases when the coverage of the sample varies, by the use of an identical multiplying factor for each month, some distortion in the jear-end changes results, although the distortion is generally in the degree of the December-January change, rather than in the direction of the change. This method of adjusting was used for most years for all series, since the estimated coverage was the same throughout the
year. In the instances where the estimated coverage changed during the course of the year, the monthly totals were first raised by the estimated percentage coverage indicated by the monthly reports, and the adjusted series then further adjusted to he census retarns or to the annual surveys of the Bureau of Foreign and Domestic Commerce above mentioned.
For rubber and canvas footwear, no estimates of the coverage were given by the association, and the figures were ralsed to census totals by constant multipliers, first
interpolating the total figures for the noncensus years. Computed by data compiled by the of Commerce, Bureau of Foreion and Domestic Commesents crude-rubber consump ton in the manufacture of all types of pneumatic casings, inner tubes, solid and cushion tires. These figures differ from those previously shown in the SURVEY in that they are raised to industry totals as shown by the Census of Manufactures in census years, by interpolated totals in intervaning years and by tbe association's estimates prior to 1927, which was the first Jear that which for the period shown varied in number from 21 in 1833 to 54 in 1924 , the association's coverage has been as follows: 1926-27, 76.8 percent; 1928, 74.0 percent; 1929, 70.9 percent; 1930, 72.3 percent; 1931, 74.9 percent; $1932,76.2$ percent; $1833,78.0$ percent. The association's estimated coverage for other years is 1021-25, 75 percent; 81 percent. Data since 1933 are subject to adjustment when the 1835 census data 81 percent. Data since 1933 are subject to adjustment when the 1835 census data
become available. For the original figures, see pp. $248-249$ of the 1832 ANNOAL become available. For the original figures, see pp. $248-249$ of the 1832 ANN
SUPPLEMENT and
subseauent issues of the SURVEY. See also footnote on p.
S1 August 1934 issue for 1932-34 revisions not elsewhere shown. Revisions in 1929: January, 24,179; February, 25,696.
See the note on crude-rubber consumption for a discussion of the method used in rising the monthly sample data to industry totals.
: Compiled by the U. S. Department of Commerce, Bureau of Foreion and Domestic Commerce, and represents total rubber imports, except a small amount of Guayule rubber. Prior to January 1934, the de ta were for genergl imports; since then, imports for consumption. Monthly data for the period 1923 through 1931 were sbown in the 1832 ANNUAL SUPPLEMENT, pp. 248-249.
York Commodity Exchange quotations on standard quality ribbed smoked sheets

The bigh and low for each day are averaged, and these in turn are averaged to get the monthly figure shown. Monthly fgure
be 1932 ANN UAL SUPPLEMENT, pp. 248-249.
Commerce, since 1923, and by the World's Rubber Purcaut of For eign and Domestic Commerce, since 1923, and by the World's Rubber Position, published by W. H. Rickinson \& Son (London), prior to that time. The figures are for net exports of North Borneo, Siam, NetherIand Indies (Java and Madura, Sumara Fas, British and other Netherland Indies), French Indochina, Amazon Valley and other American producing regions, Africa, and Mexico (Guayule). Figures for these regions include practically all net exports of crude rubber. Monthly figures for the period 1923-31 were shown in the 1932 ANNOAL SUPPLEMENT, pp. $248-249$.
© Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, and represent stocks at the end of the month in public warehouses, fac-
tories, in hands of dealers, at ports, etc. For the items shown, the sources and aptories, in hands of dealers, at ports, etc. For tbe items shown, the sources and approximate coverages are given in the following footnotes. It will be noted that the flgures are approximately complete, altbougb some indeterminate amounts of stocks are not accounted for in this tabulation. Revised data from September 1930 through
December 1934 were shown on p. 20 of the July 1935 issue. For earlier monthly data December 1934 were shown on p. 20 of the July 1935 issue. For earlier monthly data
see pp. 248-249 of the 1932 ANNUAL SUPPLEMENT OF THE SURVEY OF OURRENT BUSMEESS.
7 Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Since August 1930 the data are computed by adding to a given month's world shipments, $1 / 8$ of the world shipments in the preceding month. From Jan-
uary 1926 through August 1930 , figures were computed by adding to United States uary 1926 through August 1930, figures were computed by adding to United States stocks afloat the quantity afloat for Europe as estimated by the Bureau of Foreign and Domestic Commerce. Prior to 1926, compiled by the World's Rubber Position, published by W. H. Rickinson \& Son. These figures are not strictly comparable with the present series, but constitute the most representative data available for the period, Revised data from September 1930 through December 1934 were shown on ANNUAL SUPPLEMENT.

- Compiled by the Rubber Manufacturers Association, Inc., until 1926; from January 1926 through August 1930 by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, from weekly cabled reports received from foreign consular offces, and since then by the Rubber Manufacturers Association, Inc. From January 1926 to August 1930 , the figures are practically complete; before and since that
period, the coverage has been at least 75 percent complete. Revised data from September 1930 througb December 1934 were shown on p. 20 of the July 1935 issue. For earlier data see pp. 248-240 of the 1932 ANNOAL SUPPLEMENT OF THE SURVET OF OURRENT BuSENESS.
- From the Bulletin of the Rubber Growers Association prior to 1935 and since then from Statistical Bulletin of the International Rubber Regulation Committee. The series represents total public warehouse inventories in London and Liverpool
Complled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, from data published by the Rubber Growers Association until 1935, and since then by the International Rubber Regulation Committee. Prior to 1926, series
includes dealers' stocks at Singapore and Penang only; starting in January 1926, includes dealers' stocks at Singapore and Penang only; starting in January 1926, dealers and estates' stocks on the Malayan mainland became available, and after
November 1929, stocks held by Malayan port authorities ready for export, were also included. Tbe coverage is now complete except for stocks held by natives, and by included. Ters coverage is now complete except for stocks held by natives, and by
small holders on estates under 100 acres. Monthly figures for the period June 1923 through 1931 were shown in the 1932 ANNUAL SUPPLEMENT OF THE SURVEY, pp. 248-249.
Commerce. These are derived figures based on stocks at the year end as showen by the regular annual surveys of the Leather and Rubber Division of the Bureau of Foreign and Domestic Commerce made since 1929. To the year-end stock figures is added the Department of Commerce figures for total imports, and from this total, the Rubber Manufacturers Association, Inc. consumption figure raised to 100 percent is deducted to obtain tbe month end stock figures. Data for 1927, 1928, and 1929 were estimated by the Leather and Rubber Division from the known consumption and imports, and the year-end stock figure for 1930. Earlier figures are from the Rubber Manufacturere
Association, Inc. Association, Inc.
18 Computed b
Commerce, from data compiled by the Rubber Manerfactureau of Foreign and Domestic Commerce, from data compiled by the Rubber Manufacturers Association, Inc. These
figures difier from those previously shown in the SURver in that they are raised to ignures difier from those previously shown in the SORVEY in that they are raised to
industry totals as revealed by the annual surveys of the Leather and Rubber Division of the Bureau of Foreign and Domestic Commerce. These surveys are available beginning in 1927 for reclaimed-rubber consumption; but for stocks, the first canvass was taken in 1930. The association collects data from both member and nonmember concerns whose proportion of the industry total has been as follows: Consumption1925, 64.7 percent; 1926, 76.0 percent; 1927, 73.5 percent; 1928, 70.2 percent; 1929, 73.3 percent; 1930, 77.7 percent; 1931, 79.3 percent; 1932, 73.4 percent; 1933, 71.1 percent;
1934, 99.7 percent; 1935, 96.2 precent. Year-end stocks; 1930, 79.7 percent; $1931,70.9$
percent; 1932, 68.1 percent; 1933, 77.0 percent: 1934, 93.7 percent; 1935, 79.8 percent. percent; 1932, 66.1 percent; 1933, 77.0 percent; $1934,93.7$ percent; $1935,79.6$ percent.
For consumption, the monthly figures were raised by the above percentages, with an ntermediate step in certain years where the association's coverage was known to have changed during the year. For stocks, the monthly figures in each year were related to the December figure, and these ratios were applied to the annual-survey
year-end figures. Prior to 1930 , the year-to-year percentage changes in the associa-year-end agures. Prior to 1930, the year-to-year percentage changes in the assoaly gares adjusted to the new year-end flgures.
Starting in 1931, the monthly production figures were adjusted to industry totals the amount consumed, and the amount exported and the known changes in stocks where it was not possible to compute a yearly figure (stock survey first made in 1930), the monthly figures were raised by the association's estimated coverage, and then adjusted to the raised consumption figure. On this basis the essociation's percent of industry total has been: 1929, 87.9 percent; 1930, 91.6 percent; $1931,95.0$ percent;
1932 93.8 percent; 1933-34, 100.0 percent; 1935, 98.8 percent. Monthly production dats back to the beginning of 1926 were shown on pp. 248-240 of the 1032 ANNUAL SUPPLEMENT, but slince no annual figures are available, it was not possible to adjust the earlier figures. The original data for consumption and stocks were also shown on pp. 248-249 of the 1932 ANNUAL SUPPLEMENT, and in subsequent monthly issues
of the SURVEY. See the note on crude-rubber consumption for a general discussion of the SURVFY, See the note on crude-rubber consumption for
regarding the raising of monthly sample data to industry totals.
is Compiled by the Rubber Manufacturers Association, Inc., and, on the basis of the fairly constant relationship existing between consumption of scrap rubber by the scrap-rubber sample is representative. Channgls through which scrap rubher flows other than to reclaimers are (1) exports, (2) used tires to the tire re-treading industry, and (3) to certain manufacturers using scrap-rubber material for further manufacture without a rubber-reclaiming process.
14 Semiannual figures in 1922 and quarterly in 1923 and 1924, reduced to monthly averages.

11 Annual figures reduced to monthly averages.
10 Quarterly figures througb September 1924 and monthly in last quarter of 1924; figures for both years are quarterly averages.
${ }_{11}{ }^{17}$ Average for 7 months, June through December.
19 Quarterly a verage.
${ }^{15}$ Average of 3 montbs, October through December.
${ }_{3}{ }^{20}$ Semiannual figures reduced to quarterly averages.
is Annual figures are quarterly averages.

## Page 134

1 Computod by the U. S. Department of Commerce, Bureau of Foreion and Domestic Commerce, from data compilod by the Rubber Manufacturers Association, Inc. Theso figures differ froin those previously presented in the SURVEY in that they are raisea to industry totals as shown by the Census of Manufactures in census years, by interpolated census totals in intervening years, and according to the association's estiInated percentage of the industry covered by its reporting members subsequent to
1933 (the last census year). Figures since 1933 will be adjusted to the census data 1933 (the last census year).
when they become available
Tho number of companies reporting has varied in number from 21 in 1933 to 53 in 1923, and the covarage for production of pneumatic casings has bean as follows: 1921 80 percent; 1922-23, 75 percent; 1924, 76 percent; 1925, 78 percent; 1926,77 percent; 1927, 76 percent; 1928, 78 percent; 1929-31, 79 percent; 1932-33, 80 percent; 1934 through the association's coverago has been: 1921, 85 percent; 1922, 81 percent; 1923,79 percent; the associstion's coverago has been: 1921, 85 percent; 1922, 81 percent; 1923,79 percent;
1924-25, 80 percent; 1926, 77 percent; $1927-29,74$ percent; 1930,76 percent; $1931-33$, 79 percent; 1934 through July 1935, 97 percent; and August through December 1935, 81 percent.
or shipments and manufacturers' stocks of pneumatic casings, the raising factors used were the same as those used for tire production; and for shipments and manu tion of inner tuhes. Shipments include only tires and tubes forwarjed to purchasers; those forwarded to warehouses, branches, or on a consignment basis are included in stocks, together with stocks in the hands of manufacturers; that is, ali tires and tubes owned by the manufacturers held in the domestic market are considered as manufacturas' stocks.
Iror fabric consumed in the manufacture of tires, the raising factors applied were the same as those used in raising the figures on cruderubber consumption in the manufacture of tires and tubes. For the original figures see the 1032 ANNUAL SUPPLE MRNT OF The SURVEY OT CORRENT BuSINEgs, pp. 250-251, and subsequent issues, exoapt for revisions, which are as follows: Total shipments of casings, June 1932, , stocks of casings, June 1929, 13,198,000; July 1929, 12,027,000; June 1932, 3,999,000 stocks of inner tubes, June 1929, $13,335,000$; March $1932,7,558,000$, Jung 1932, 4, 139,000. totals, see the last paragraph of the note on crude-rubber consumption.

## Page 135

1 Compled by the Rubber Manufacturers Association, inc., and includes production of single- and double-texture proofed garment fabrics, calendered clothing fabrics, shoe tabrics, and othar miscelaneous tabrics, for which details are given in the association's reports. Tho number of reporting companies varied from 9 in 1925-26, to moro than 30 in 1034-35, and total production reported by these manufactures varied from 88 percent of all fabrics produced in 1923 to 56 percent in 1931 , according to the Census of Manufactures. While no census fipures are available for 1934-35, it is probable that the coverage was higher than in other recont census years. No attempt was made to raise these flgures to consus totals, owing to the wide variation in the and also total production of all rubberproofed fabries, have been discontinued rhe and also total pronuet", "rermerly shown ofed rabrics, havo been in the prosent term "rancoot fabrics", formerly shown separately, is included in the present series, but is not segregated. The series shown has not previously been published in the yoirs:

|  | Year | $\begin{aligned} & \text { Rain- } \\ & \text { coat } \\ & \text { fabrics } \end{aligned}$ | Automobile fabrics | Total fabrics |
| :---: | :---: | :---: | :---: | :---: |
| 1921. |  | 46.1 |  |  |
| 1923 |  | 42.5 |  | 63.2 |
| 1925 |  | 40.5 | 31.2 | 60.5 |
| 1927 |  | 93.3 | 63.9 | 62.9 |
| 1929 |  | 05.8 | 48.5 | 79.3 |
| 1931 |  | 115.0 | 69.3 | 71.1 |
| 1933 |  | 121.4 | 49.6 | 74.5 |

${ }^{3}$ Computed by the U. S. Department of Commerce, Bureau of Poreign and Domestic Conmerce from data compiled by the Rubber Manufacturers Association, Inc., from reports of concerns varying in number from 7 to 11 in the period 1929 through September 1933, 14 from October 1933 through December 1933, 15 from January 1934 through July 1935, and 14 thereafter. These companies reported 93 percent of all tonnis and waterproof footwear produced in 1929, 80 percent in 1931, and 87 percont in 1033 , according to the Censtus of Maneffactures. Additional companies reporting after September 1033 lifted the coverage to approximately 98 percent for the rest of
1933 and to 100 percent from January 1934 to August 1935, when one compony ceased reporting.
The data prior to 1934 have been raised to oensus totals in census years, and to interpolated census totals in the intervening years. On this basis, the association's proportion of totnl tennis-shoe production has been as follows: 1929, 83.9 percent; 1930, 80.9 percent; 1931, 77.9 percent; 1932, 81.6 percent; January through September 1933, 81.0 percent, and October through December 1933, 98.0 percent. For rubber ootwear the proportion has been; 1929, 91.6 percent; 1930, 84.5 percent; 1931, 77.4 bercent; through December $1933,98.0$ percent. For the present no adjustment can be made for the change in the series after July 1835. For the original figures, see pp. 252-253 of the 1932 SUPPLEM ${ }^{2} N T$ and subsequent issues; and for overlapping figures
for the smaller number of firms, see the October 1033 figures shown on p. 52 of the for the smaller num
For a general discusslon regarding the raising of sample data to industry totals, For a generai discusslon rogarding the raising of sample data
see the last paragraph of the note on crude-rubber consumption.

## Page 136

1 Compilod by the Rubber Manufacturars Association, Inc., from a varying number of concorns represonting a varying percentage of the industry. These data are available only for the period shown, the release of the hgures subsequent to December 1936 having been discontinuea. The statistios are based on reports received from 66.5 porcent of all rubber soles in 1927, 74.6 percent in 1929, 57.1 percent in 1931, and 68.8 percent of mil rubber soles in $1927,74.6$ percent in $1929,57.1$ percent in 1931, and produced 63.2 percont of all rubber heels in $1923,60.6$ percont in $1925,62.9$ percent in produced 63.2 percont of all rubber heels in 1923, 60.6 percont in $1925,62.9$ percent in nclide only stock forwarded to purchasors, and does not include shipments to warehouses, branches, or on a consignment basis, which are included in stocks. For earlior monthly dota, see pp. 254-255 of the 1032 ANNUAL SUPPLEMENT.
${ }_{2} 8$-month a verage, May through December.

- $\theta$-month avorage, April through December.


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1 Compiled by the U. S. Department of Labor, Bureav of Jabor Statistics, and since 1930 represents the wholesale price of common buililing brick, f. o. b. plant, at 0) yards. Farlier figures shown in italies are for $\$ 1$ yards; 1981 gverage for tho 81 yarts is $\$ 12.396$. The monthly prices shown are averakes of wedly quotations. This series, shown here for the first time, is more representative of brick prices for the country as a whole than was the series previously shown, which was for Now York City only. It should be noted, laowever, that brick prices viry considerably in
different parts of the country, and that the series shown here is only indicative of different
:Compilod by the U. S. Department of Commerce, Bureau of the Census, and is based on reports received from 437 plants. With tho excoption of a fow substitution made necessary when certain plants ceased to report, the sample has beon for identiea. mated that these plunts produce 51 percent of all common brick- it oppons, that the plants have a bigher proportion of total stocks. Included in the same roport which is entitiad "Structural Clay Products", are similar data for a larner number of whic which, however, are identical for successive perloids of 2 months only details lis which, ho regions and States for number of plants operated shipments and the value thereof, and month-end stocks.
: Compiled by the American Face Brick Association and is available only through February 1036. The statisties represent average por pant operations of 54 plants since 1027, and of 20 to 30 plants prior to that time. While production of the 54 com panies represents only about 30 percent of the industry total, the trend of these ligures since 1929 corresponds with the annual data compiled by the Censtes of Manu. factures. For earlier years the trend of the figures does not correspond so ciosely with tho census trend, but no definite blas is apparent. Data prior to 1928 for the maller number of plants were built up to include 54 plants, using 1029 as a base. The presont series on machine production extends back to 1929 , these figures dis: placing the data on "brick drawn" which in recent years havo not been refresentative of production because of the fact that many operatcrs store the brick in the kilns
until time for shipment. This practice did not become common until 1929 , so that until time for shipment. This practice did not become common until 1929, so that the "brick drawn" figures prior to 1929 are comparahle with the machine-production Farlier he latter dats, back to 1929, were shown on p. 20 of the June 1933 issue stock figures are adjusted for degrading and yearend inventories. The tock fgures are adjusted for degrading and year end inventories.
based on reports received from 90 plants. With the excention of a census, and is made necessary when certain plants ceased to report, the sample has been for identical plants for the full period. Based on the Census of Manufatures for 1083, it is esti. mated that these plants produce 82 percent of ull vitrified paving brick. For stocks these plants appear to hold a higher percentage of the total than the production ratio indicates, probably owing to the fact that their stocks include paving brick other han vitrified paving brick. Included in the same report, which is entitled "Struc tural Clay Products", are similar data for a slightly larger number of plants, which however, are identical for successive periodis of 2 months only, details by geographio regions, for the number of plants operated, shipments and the value thereof, and
monthend stocks.

## NOTE

The statistics on sand-lime brick carried in the 1032 Supplement are not included, because the data as reported are not homogenous, and hence are unsatisfactory for comparative or trend purposes.

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${ }^{1}$ Except the price data, figures are compiled by the $U$. S. Department of the Interior Bureau of Mines, beginning in June 1421, and tho Portiand Cement Association prior to that time. The prico series is an unweiphted average of woekly quotations basod on wholesale price per barrel, without bass, i. o. b. Bussinaton, Ind.; laston. Pa.;
Harrys, Tex.; San Francisco, Calif. Steelton, Minn Harrys, Tex.; San Francisco, Calif.; Steelton, Minn; and Universal, Pa. Glinker is unground cement. The coverage of the monthly figures on operations is practically complete, according to the annual figures which the lutreau of Mines compiles from annual surveys. The annual stock figures given for 1913 and 1914 are year-end figures, rather than monthly averages. Monthly data back to 1923 were given on pp. 256-257 of the 1932 Supplement. Monthly data hack to 1915 for the items for
which data are presented prior to 1923 are shown on p. 47 of the Seltember 1928 issue. Which data are presented prior to 1923 are shown on p. 47 of the Seltember 1928 issue,
These figures are correct except for tho December 1922 stock figure, which should These fipures are correct except for the
read $9,352,000$ barrels instead of $0,134,000$.
${ }^{\circ}$ Compiled by the U.S. Department of Commerce, Bureau of the Census, from ro ports of 12 manufacturers which produced approximately 83 percent of the value of bathroom sccessories in 1933, according to the Censets of Monujactures for that year one manufacturar went out of business and an anthly numbers of the sur and reporting. As a result, tho coverage was increased to approximately 95 percent. Starting in June 1936, one company ceased reporting, and the coverage dropped to 83 percent again. Data are for vitreous clay bathroom accessories, both recessed and attachable, and include such items as towel bars, soap holders, paper holders, tum bler holders, toothbrush holders, shelves and brackets, robe hooks, and grab bars. For the period shown the series are comparable, except that starting in Jantary 1934, production and shipments include "standard type" attachable vitreous clay accessories, instead of just "small type", as previousiy. Monthly averages for this item 6rg: For 1934, production, 5,272 pieces; shipments, 4,584 pieces; for 1035, production include some stocks other than bathroom accassories. These were excluded starting in November 1935
Compiled by the U. S. Department of Commerce, Burenu of the Censats, from reports of manufacturers comprising the entire industry, 10 in 1027 and 1028,9 from 1929 through 1931, 7 in 1932 and 1933, 6 in 1934, and 5 in 1035. The steady decline in the number of reporting firms has resulted from several concerns going out of business The figures here shown represent "regalar selections" (not including "culls") and comprise bath tubs, lavatories, shower receptors, sinks, slop sinks, stalls, single trays, combination sink and trays, 2-part trays, and integral drainboard-sinks. Net new orders comprise total now orders less cancelations. In May 1981, the sharp drop in unfilled orders (see p. 211 of the 1032 Sopplement) was caused by several manufacturers eliminating from the total a considerable volume of orders which in their judgment would not be flled. Earlier monthly figures, shown on pp. 210-211 of the 1932 SUPPLEMENT, aro comparable with the figures shown in this volume tions received each month).

4-month average, September through December.

## Page 139

1 Compiled by the U. S. Department of Commerce, Bureau of the Census, from reports of 21 manufacturers which produced 98 percent of the valuo of products in cover all vitreous chinaware which in regnlar of Mactico is connnected with year. Data system and represent "regular selections" (not including "culls") and comprise siphon jets, washdowns, reverse traps, tanks, lavatories, stalls, and miscellaneous items. Not new orders comprise total new orders less cancelations, while stocks are for flnished glost fixtures. A similar series for the period July 1925 throngh
December 1934 was shown on pp. 210-211 of the 1932 SOrpiement. This sories is
for a smaller number of firms than the present series. Overlapping monthly data for this series mey be found in the monthly issues.
: Compiled by the Glass Container Association from reports of 42 manufacturers which producod approximately 85 percent of all glass containers in 1933, according to the Census of Manufactures for that year. Two firms have gone out of business since the series was inaugurated in January 1934. The reports of the association give details by kind, as follows: Narrow-neck food containers, wide-mouth food bottles and jars, pressed food ware, pressure and nonpressure ware, bear bottles, fruit jars, and domestic jelly glasses. For a smaller number of firms, similar data back to September 1925 were shown on pD. $210-211$ of the 1932 SUPPLe simNT and in back to September 1925 were shown on pp. $210-211$ of the 1932 Supplement and in $23,603,582$ thousands of gross. This figure might be used with the 1933 total for the present series for linking the two series together. The earlier monthly figures, how ever bave a downward bias

- Compiled by the Illuminating Glassware Guild from reports of 9 firms in 1929 and 1930, 11 frms from January 1931 through February 1932, 9 firms from March 193 through December 1932, 8 firms in 1933, and 7 firms in 1934 and 1935. In 1929 and 1931 these firms produced approximately 60 percent of the value of all shades, globes, and other gas and electric goods (except electric buibs and insulators) and in 1933 the reporting firms' proportion of the total increased to more than 70 percent, according to the Census of Manufactures for 1933 . The guild reports include details by types, total value of sbipments, and percent of full operations for new orders, production, and shipments. The last mentioned was formerly shown in the scrves, but was ascontinued because of changes made in the method of computation niected the comparability of the series. While barlier monthly data for the item bility is affected os 8 result of the unit of moasurement used "Number of turns" represents a 4 -hour worting period for one shop. The actual number of pieces that can be produced in one period has increased due to technological improvements and es a result, these series have a slight downward bias. Also, the data for earlier years show a somewhat different trend then does the census data, although the covarage was about the same as in the years since 1928. Prior to June 1930, the data were re ported on a biweekly basis, and for production and shipments, monthly figures were obtained by prorating the overlapping weeks; unfiled ordors and stocks, which are as of the end of the month, were taken as of the date nearest the end of the month. The earlier figures were also raised to industry totals, but in the current presentation the actual number of turns as reported by the association are used
- Compiled by the Plate Glass Manufacturers of America, and starting in 1925, represents practically the entire industry. In earlier years the coverage was slightly ess. In 1932, the Ford Motor Co. reported only the year's total, and the monthly figures as reported, exclusive of Ford, were revised upward by raising each monthly otal by a constant multiplier. In the following year, when the Ford Motor Co. did not report, the production-total figures were computed on a percentage-change basi rom the preceding year; at the end of 1933 it was found that the Ford Motor Co. ha downward to the totals as reported. Monthly data back to 1922 shown on pp 258-259 of the 1932 SUPPLEMENT are correct, excent for revisions which resulted in raising the 1925 figure's by 1.1 percent, the 1926 figures by 4.2 percent, and the 1927 figures by 6.3 percent. Revised figures for December 1931 is $6,152,000$ square feet.
based on annual totals; monthly figures not available.


## Page 140

1 Complled by the U.S. Department of the Interior, Bureau of Mines, except imports which are compiled by the U. S. Department of Commerce, Bureau of Foreion an Domestic Commerce. The Bureau of Mines data are based on reports received from 28 to 42 active establishments, which accounted for 97 percent of the total gypsum mined in 1930, 98 percent in 1931, 96 percent in 1932, 93 percent in 1933 , and 97 percen in 1934, according to the annual surveys made by the Bureau of Mines. While the nomber of reporting establishments has incressed in recent years, the additional establishments have produced only a small fraction of the total output. For quar series on imports supersedes that shown in the Surver baek to the fourth quarter of 1932 which was compiled by the Bureau of Mines.
1932, Which was compiled by the Bureau of Mines. sents architectural terra cotta, both machine-made and hand-made for exteriors, but only hand-made for interiors. Reports were received from 26 plants during the period from 1919 through 1924, 27 plants in 1025 and 1926, 26 plants from 1927 through 1929, 27 plants in 1930 and 1931, and 28 plants from 1932 through 1935. Machine-made terra cotta for interiors has become increasingly important in recent years, and the exclusion of this item has resulted in a downward bias in the series. It also affects comparisons with the biennial Census of Manufactures, which does not show this item separately. "New orders" is teken as equivalent to production by the trade since all architectural terra cotta is produced under contract. The value figures shown are probably more significant than the tonnage figures, since the forme reflect the production of special-purpose terre cotta, the price of which may be considerably above the average price of all terra cotta. The value flgures exclude freight, cartage, duty, and shipping charges. Also included in the reports is a break-down figures back to 1922 sppeared on pp. 258-259 of the 1932 Surplement.
Compiled by the U. S. Department of Commerce, Bureau of the Census, and is ased on reports received irom 197 plants. With the exception of a few substitutions made necessary when certain plants ceased to report, the sample has been for iden stimated that these plants produce 49 percent of all of Manufactures for 1933, it is ppears that their proportion of total stocks is largall hollow building tile, and it he same report, which is entitled "Structural Clay Products" are similar data for arger number of plants, which, however, are identical for successive periods of 2 months only, details by geographic regions and States, the number of firms reporting, hipments and the value thereof, and month-end stocks.

A verage of quarters.

## Page 141

${ }_{1}$ Compiled by the National Association of Hosiery Manufacturers. The figures which, since May 1935, are based on the reports of members producing approx mately 34 of all hosiery) have been raised to the 98 -percent coverage obtaining during concerns operating 807 plants. Due consideration was fiven to companies which concerns operating 807 plants. Due consideration was given to companies which The statistics on shipments from January 1929 through June 1933 were estimated from the reports of the U.S. Department of Commerce, Bureau of the Census. Stocks are computed from month-to-month changes in production and shipments, and are adjusted to somiannual surveys made by the association. Included in the associa tion's reports are data on stock turnover, and details for all time series by type of hose and yard used. See p. 19 of the September 1935 issue for earlier monthly data on hipments.
These statistics are not comparable with the data shown in the Surver through une 1934, which were compiled by the Burcau of the Census from the reports of 31 dentical concerns which accounted for 72 percent of the total value of all hosiery according to the Census of Manufactures for 1929

## For overlapping data for the smaller number of concerns, see p. 53 of the June 1939

 issue ' All figures given in this table exclude linters, which are the short-staple fiber still adhering to the cottonseed after ginning. An average of about 22 pounds of linters is taken from a ton of cottonseedCompled by the $U$. S. Department of Commerce, Bureau of the Census, from reports received from all cotton-consuming establishments. A bale is considered to be "consumed" when it is opened at the mill. Monthly flgures back to the begin monthly data see the Record Book of Rusiness Statistics, pt, 1, p. 20. The monthly monthly data see the Record Book of Rusiness Statistics, pt, 1, p. 20. The monthly foreign cotton (Egyptian, other foreiga, American-Egyptian) by cotton-growing States, Now England States, and "ell other" States, together with stocks in consumine establishments and in public storage, the number of spindles in operation, imports and exports, and selected world statistics.
${ }^{1}$ Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, and published also in the Burcaus of the Census monthly cotton-consump tion report. Exports are given in detail by countries of destination, and imports by principal producing countries. Beginning with January 1934, imports are for con sumption; earlier figures are general imports. For earlier monthly data, see pp 260-261 of the 1932 SUPPLEMENT.
Compiled by the U. S. Department of Commerce, Bureaus of the Census. These figures are a satisfactory measure of total production and represent curnulative gin nings, as of the end of the month specified (except Dec. 13 period, given here as of the end of December, and the Jan. 16 period, given as of the end of January) for the cotton crop-year ending in March. The Bureau of the Census reports cotton ginned as of 11 Specified dates during the cotton year-Aug. 1, Aug. 16, Sept. 1, Sept. 16, Oct. 1 are for the crop-year onding in March.
For the selected reporting dates, figures back to the beginning of 1923 were shown in the 1932 ANNUAL SUPPLEMENT OF THE SURVFY, pp. 260-201, and earlier data in the Record Book of Business Statistics, pt. 1, p. 19. The original reports stow details for principal producing States.
${ }^{\circ}$ Price to producer, compiled by the U. S. Department of Agriculture, Bureau of Agricultural Economics. Prices by States, as received by producars for all grades of cotton as determined from the reports of special price reporters, are weighted by pro duction in the cotton-producing States to obtain a monthly average price for the United States. Until January 1924, the prices are taken as of the end of the month subsequently, as of the 15 th of the month. Annual fgures shown are averages of calendar-month prices; the Yearbook of Agriculture gives a crop-year average price, to the monthly prices being weighted by monthly production. Monthly prices back to the begnning of 1923 appeared in the 1932 ANNUAL SUPPLEMENT of the SURVEY pp. 260-261; for earlier figures see the Record Book of Business Statistics, pt. 1, p. 28 of Labor Statistics, is for a specific grade of cotton, and includes handling and trans of Labor Statistics, is for a specific grade of cotton, and includes handling and trans
portation charges. Figures shown are averages of weekly prices. Monthly prices portation charges. Figures shown are averages of weekly prices. Monthly prices. MENT; for earlier prices see the Record Book of Business Statistics, pt. 1, p. 28 . MENT; for earier prices see the Record Book of Business Statistics, pt. 1, p. 28.
$\uparrow$ Compiled by the $U$. S. Department of Commerce, Bureau of the Census, and is based on data supplied by crop correspondents, field statisticians, cooperating Stat boards (or departments) of agriculture, and agricultural colleges. The December figures and the annual figures shown are the final estimate for production in the crop-year onding with the following March. Estimate for the latest year is subjec to revision. Data back to 1890 appeared in the Yearbook of Agriculture 1934, p. 459. ${ }^{2}$ Compiled by the New Orleans Cotton Exchange, and calculated from receipts a southern ports, the overland movement north of the Ohio and Potomac Rivers, an estimate of the amount taken by southern mills less the amount taken from south ern ports and the change in stocks at interior towns. The annual reports of the for docreases or decreases or increases in crop-year-end stocks, current year compared with pre 102 towns since the Monthly fires beck to the beginning of 1923 appeared in the 1932 ANNOAL SUPPLPMPNT OF THE SURPEY 262 -263. Revisions for 1031 . August 330.595; September 1,654,467; October 4, 120 681. November 3,047, 859: December 1,837,543.

- Compiled by the U. S. Deparlment of Commerce, Bureau of the Census, from housts received from all cotton-consuming establishments and from public ware United cotton yards, and compresses. These stoeks represent total cotton in the or on states except cotton on farms, in transit to ports, interior towns, and mills basis of ennoard cor export but not yet cleared at the end of the crop-year. On the are estimatal estimates made at the close of the crop year, these stocks shown here tions. Monthly figures back to the beginning of 1923 were shown on po. $262-283$ the 1932 ANNUAL SUPPLEMENT; for earjier figures ses the Record Boolf of Busines Statistics, pt. 1, pp. 22-23
visible supply Visible supply of cotton on the Saturday nearest the end of the month. Included are stocks beld at principal European ports; stocks afloat to Europe; stocks in shipping and United States exports on day of raport Details are shown in each weekly issue of the Chronicle issue of the Chronicie. Monthly figures back to the beginning of 1923 appeared in Business Statisti's, pt. 1, jp. 21-25.
These statistics do not represent the total stocks of cotton, or the total stocks of American cotton, but only stocks held at certain designated points

Bales are running bales, except for imports, the crop estimate, and the world visible supply, which are given in equivalent 500 -pound bales. Included in running bales are round bales, the latter weighing about half as much as the former. In cal culating the total number of bales, this relationship is assumed to be constant, the total number of round bales being divided by 2 to obtain the equivalent number o running bales. The average weight of the running bale, exc 2 above) in 1934 was 508.7 pounds, and in $1933,515.1$ pounds.
is Total for crop-year ending with following March, and neither a monthly figure nor a monthly average

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${ }^{1}$ Compiled by tbe U.S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Exports comprise unbleached, bleachod, and colored cotton cloth and duck; imports include unbleached, bleached, and printed, dyed, or colored. In recent years, exports of cotton cloth and duck have amounted to more than 70 per cent of all cotton manufactures, as compared with 60 percent in the arrly twenties between this and the present measurement is small. Impori data prior to January 1934 were general imports; since that date, imports for consumption. Monthly data back to the beginning of 1923 appeared in the 1932 ANNUAL SUPPLEMENT; for earlier monthly data see the Record Book of Business Statistica, pt. 1, p. 34
'Compilod by the U. S. Department of Labor, Bureau of Labor Slatistics, and for
both series, the data are averages of weekly prices. The average prices of brown
sheoting (more exact description-sheeting, carded yarn, unbleached, unmercerized, 56 by 60,36 -inch, 4 yards per pound, New York), covers the period 1924 to date. Farifor prices used are $4 / 4$ ware shoas, L . L., 36 -inch, 4 yards per pound, New York. For print cloth, the average price is for the same items for the full period. A more
exact description of this series is: print cloth, $381 / 2$-inch, 64 by 60 , 5.35 yards per pound, exact description of this series is: print cloth, 384 ,-inch, 64 by $60,5.35$ yards per pound, in the gray, carded yarn, unbleached, unmercerized, per pound, factory. Monthly prices back to the begioning of 1923 were shown on pp. $262-263$ of the 1032 AnNuAL
Surpremant; for earlier monthly data, see the Record Book of Business Statistics, pt. 1, p. 35 .
${ }^{2}$ Compiled by the National Association of Finishers of Textile Fabrics, and covers practically all of the industry; comparable figures are not available prior to 1934. The production figures are prorated from data reported for 4 -week periods, while the middle of the year. The production data have been adjusted to annual totals reported by the association; this adjustment has resulted in altering the trends of the yearly totals (1934-35), the original figures having shown an incorrect trend. In making the adjustment, the 1935 figures for the thirteen 4 -week periods were adjusted to the revisod total for the year, and the 1934 figures derived by applying the percentage change between corresponding periods in 1934 and 1935 to the 1935 adjusted figures. These percontages were supplied by the association. The new
data, by 4 -week periods, was then prorated to calendar-month totals. Stocks are as data, by 4-week periods, was then pror
originally reported by the association.
originaily reported by the association. A different set of data was shown in the 1932 AnNDal Supplizment or tae Sur
together with data on orders, production, shipments and stocks of gray goods.
Comper with data on orders, production, shipments and stocks of gray goods.
Comp the
sents total spindles active during the of Commerce, Bureaze of the Census, and represents total spindles active during the month, number of hours operated, and operations stated as a peroent of capacity. Operations are computed on the basis of singlemills operatad an average of 53.8 hours a week; under the co-3, coperations ware mills operated an average of 53.8 hours a week; under the code, operations wer percentages, both during and since the code period, have been computed on the basis of the hours noted above. Monthly data back to the beginning of 1923 appeared in the 1032 ANVAI SUPPLEMENT OF THE STREEF seo the Record Book of Business Statistices, pt. 1, pp. 29-30.

- Compiled by the U. S. Department of Labor, Bureau of Labor Statistics, and for both series the data are averages of weekly prices. The present series on cotton yarn, carded, single warp, 40 's, cones, per pound, t. o. b. mill, is linked to a similar quotation at New Bedford, which series was discontinued when it was found to be too erratic. In linking these 2 series, the ratio between the average prices of the 2 Items in 1933 is applied to each monthly prica for the prosent sories subsequent to August 1934, which was the last month for which the New Bediord quotation was reported. For mule-spun Yarn, the average price shown is for the same series for the
full period. Monthly data back to the beginning of 1923 for both series appeared in the 1932 ANNOAL SUPPLKMENT, pp. 262-263; for earlier monthly data see the Record Book of Business statistics, pt. 1, p. 35.
15 -month


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1 Computed by the Taxtile Economics Bureart, Inc. This series, known as "rayon deliverles", represents the sbipments of rayon yarn by American producers, plus imports for consumption, less exports of domestic rayon yarn. For purposes of this ndex, rayon is defned as that rayon made by the viscose, cuprammonium, and of the total in recent years, is not included in this series. Based on annual surveys, acetate rayon comprised the tollowing percentages of the total production: 1925, 3.2, 1926, 4.2; 1927, $6.8 ; 1928,6.2 ; 1929,7.0 ; 1930,7.7 ; 1931,10.4 ; 1932,13.6 ; 1933,19.2 ; 1934$,
18.2; and 1935, 21.8 . The index is based on a 100 -percent sample of the field covered. The data are reduced to a daily average basis and expressed as a percent of the 1923-25 daily-average figures, in accordance with the Federal Reserve System's
method of calculating and basing index numbers. The index is then adjusted for method of calculating and basing index numbers. The index is then adjusted for the usual seasonal variation. Because of the rapid fuctuations of the adjusted on the middle month. For further details on the method of constructing the indexes, efer to the September 1934 issue of Raton Organon, published by the Textile Eco nomics Bureau, Inc., 21 East 40th St., New York, N. Y.
For monthly figures back to the beginning of 1923 see p. 19 of the June 1935 issue of the SURVEY OF CUHRENT BUSINEss.
${ }_{2}$ Compiled by the U.S. Department of Commerce, Bureau of Foreign and Domestic Commerce. Rayon imports represent total yarns, threads, and filaments, while silk inuports are for unmanufactured silk, comprised of raw silk, cocoons, and waste. Begiuning W
erai imports.
Monthly data for the period 1923-31 are in the 1832 ANNUAL Supplement of the SURVEF.
${ }^{3}$ Compiled by the U.S. Department of Labor, Buraut of Labor Statistics, and are averages of weekly prices. The present designations for the various grades of rayon are frst, second, and inferior. Prior to February 1929 , grading was $A, B$, $C$, and inferior. The old grade "A" and the now grade "first" ara synonymous, for prac cal purposes. The same grades apply to all deniers.
evisions in 1030 and 1931. Complled by the Textile Economics Bureau, Inc., published in Rayon Organon, upward trend of rayon stocks with rayon deliveries, these month-end stock figures are stated in terms of the average of the 12 preceding months. This process results n eliminating the erratic movements which would obtain if a given month's stocks wers stated as a ratio to a given month's shipments, since monthly shipments fluctuate sharply. This series differs from that shown previously in the SURVEY which covered stocks of imported rayon only, as shown by the reports of bonded customs warehouses. Such stocks are relatively unimportant.
S Silk deliveries to mills, and stocks, total visible and United States warehouses, compiled by the Commodity Exchange, Inc. (Formerly the data were reported by the National. Federation of Textiles, Inc., and the Silk Association of A merica.) Delivmonth the difference in the United States stock position at the beginning and at the end of the month. The igure thereby obtained includes reexports. Imports here used are those compiled by the exchange, and are based on ships' manifests imports roceived in New York are for the calendar month, while for those recelved at Pacific ports an allowance is made for the time required for the silk to reach New York overland. United States warehouse stocks are those reported by principa. warehouses in New York and Hoboken, and include commodity exchange certifled stocks and stock at terminals. Total visible stocks comprise stocks in New York and Hoboken warehouses, in Japanese ports, and the estimated amount in transit between Japan and the United States at the end of the month. This series differs from that shown in the SuRvEy through November 1935 in that the present serios does not include stocks at Milan, London, Canton, and Shanghai. These stocks minorfluctuations, the present series, excluding these stocks, is a satisfactory measure
of trend. Monthly flgures back to Jnnuary 1923 on deliveries and United States stocks 8ppeared on pp. $266-267$ of the 1932 ANNEAL Suppiemper
Monthly data on the total visible supply for the period $1923-31$ mas be found on p. 20 of the July 1936 issue of tho Surver.

Data on machinery activity in the silk industry, which were published in the 1032 SOPPLEMENT, are no longer published.
Compiled by the $U$.
Compiled by the U. S. Dcpartinent of Labor, Bureau of Labor Statistics. Pries shown are averages of weokly quotations. A more exnet description of the series is silk, raw, Japan, 78 percent double extra crack, $10 / 15$ denier, white, jer ponind, 266-207 of the 1932 ANNUAL STHPLESERNT. ${ }^{2} 6$ W-267 of the 1932 ANNUAL ST1PSLESEAT,
of origin.

## Page 144

1 Compiled by the U. S. Department of Commerce, Bureau of the Census, and reprosont revised statistics on the consumption of apparel-class amd carpet-class wool for or less suitable for npparel purposes while carpet class wod is foreign woul morto or less suitable for apparel purposes, while carpet-class woo is toreign wool particwool is shown in the SURVEY for the first time, and the 2 in combination supersede the "grease equivalent"' seriesformerly shown, which was for total wool consumption, and which proved unsatisfactory for the reason given below.
The data are based on schedules flled by manufacturers with the lureau of Mfarkets, now a part of tho Bureau of Agricullural Ficonomics, $U$. S. Department of Agriculture, through A pril 1022, and thereafter with the Bureau of the Census. It is bolieved that these statistics are approximately complete through September 1920 , and complete thereafter. Allowance has been made, after Septeruber 1920, few manufacturers from whom schedules were not received.
Tho "scoured" and "greasy" basis figures given in the table differ in rate of ehange, because the figures for "greasy" are affected by shifts to heavier shrinking wools (or vice versa) which do not affect the figures for "scoured." On the whule, tho shift has been from "low grease content" foreign wool to "high grease content" domestic wool, with the result that consumption on a greasy basis shows a difterent rate of change than on a scoured basis. The method used for obtaining greasy hasis gives slightly higher results or most years than did the grease-equivalent methoi formerly
used and shown in the Survey, begase the latter method provided insufficient used and shown in the SURveq, beeause the latter method provided insufficient
allowance for grease content with the shift to domestic wool. The present series on athe greasy basis is available only by years, as shown. The present scoured series is obtained by adding to scoured wool reportad as such, greasy wool roduced to the obtained by adaing to scoured wool reportad as such, greasy wool roiuced to the reported. This series is converted by grade, origin, condition, and systert; the fguras on a greasy shorn basis are computed by using data on condition only. Wool is considered consumed when it is carded or otherwise advanced beyond scouring or raw. stock dyeing. Data are for calendar months through June 1034. From July 1034 through December 1935, the first 2 months in each quarter are 4-wook periods, and the third month a 5 -week period. Starting in 1936, the reports wers shifted to the 5-4-4
week basis. Monthly issues of the Ravon Organon, published by the Teatile Ecoweek basis. Monthly issues of the Ravon Organon, publisbed by the Tattile Eco-
nomics Bureau, Inc., present these figures on a calendar-month basis for the full period. For monthiy data, as reportad, apparel-class wool consumption only, see period. For monthy data, as reportod
the July 1935 issue of the SURVET, p. 20.
${ }^{2}$ Compiled by the U. S. Depariment of Commerce, Btreau of Foreign and Domestic Commerce, and represent imports of unmsnufactured wool in the condilion raceived $\rightarrow$ imports; subsequently, imports for consumption.
Monthly data prior to 1932 are in the 1932 ANNDAL SUPPLEMENT OF THE SURVEP. a Compiled by the U. S. Department of Commerce, Bureau of the Censte berinning in June 1919. These data cover practically all wool-consuming milis. From October 1918 through May 1919 these data were collected by the U. S. Department of Agriculture, and previous thereto, by the National Association of Wool Manufacturers. The 1913 figures are based on only 1 month, November, and thereafter until 1917, the avarages are of quarterly data. Starting in May 1917, the figures are monthly. Jp to 1921, the data represent the percentage of active machines to total; since then, the figures shown represent the percentage of total hours operated during the month to the maximum number of hours all machines in place could have operated on a single shift equivalent to average-day shift during the 5 years 1928-32. In other words, ity in the period 1028-32. Average operations over a period of years are used here as a base because of the general shortening of hours which took place under the as a base because of the general shortening of hours which took phace under the operation of the code; capacity was reduced and actual operations, stated as a parprior to the code period. In earlier jears the activity percentages were bascd on the then prevailing average single-shift capacity. Data are based on ealendar-month operations prior to July 1934. From July 1934 through December 1935, the first 2 months in each quarter are 4 -week periods, and the third month a 5 -week period. Starting in 1936, the reports were shifted to the 5-4-4-week basis. Adjustment was made for holidays prior to 1935 , but not subsequently. In months when the activity percentages exceed 100, second-ant third-shift operations in certain mills were sufficient to more then offset the idle time reported by certain other mills. The reports include data on weekly average hours of operation, hours operated per machine, details on machinery owned, in place, and in operation, according to the classifications shown here for the activity percentages, and active spinning spindlo hours by geographic areas and by States. Monthly data back to the beginning of 1923 apperr on pp. 268-269 of the 1932 ANNUAL SUPPLESENT; for earlier monthiy data, see
the Record Book of Busines Statistics, pt. 1, p. 16-17. the Record Book of Business Statistica, pt. 1, p. 16-17.
Raw-wool prices, compiled by the U.'S. Deparl
Agricullural Economics, and based on quotations on the Boston market taken from Agricullural Economics, and based on quotations on the Boston market taken from in these series. Cloth and yarn prices are compiled by the U. S. Depurtment of Labor, Bureau of Labor Statistice. All prices shown aro averages of weekly (uutations. Earlier data on French serge, which can be linked to the jresent series, are as follows: French serge, 38 -inch, January 1926 to June 1931 , p. 132 of the 1931 ANNUAL SUr''t $E$ MENT; French serge, $35-36$ inch, January 1915 to December 1926, Record Book of Z3usiness statistics, pt. 1, p. 15.
"6-month average, January-Junc; no quotations tor July-December 1018, as Gov. ornment fixed prices.
1 -month average; no quotations for March, June, and Decamber.

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1 Domestic receipts at Boston, compiled by the Boston Chamber of Coinmerce through January 1925, since then reported by the $U$. S. Department of Agriculture. Bureau of Agricultural Economics from data published in the Roston Commercial Bulletin, and from the records of the Boston Grain and Flour Eichange. Foreign receipts are compiled by the Bureau of Agricultural Economics and are based on ofticial weights at the Boston Customaouse. Barlier data, compiled by the Boaton Grain and Flour Exchange, are not comparable with the present series on foreign from importers, and which were based on number of bales, converted arbitrarily
to pounds, rather than on the official weights. These data comprise more than 1/ the total domestic wool clip and about 20 percent of all imports. All classes of wool are comblned in this series without conversion to a common basis. Earlier
monthly data on domestic receints at Boston shown on pp. $268-209$ of the 1932 ANNUAL monthly data on domestic receipts at Boston shown on
${ }^{1}$ Compiled by the $U$. S. Department of Commerce, Bureau of the Census in cooperation with the National Wool Trade Association and the National Associalion of W ool Manufacturers, and represents stocks of wool held by all dealers, topmakers, do not cover wool on ranches and farms and in local county warehouses, butistics original report from which these data are taken local county warehouses, but the orimimate of such holdings in the 13 Western sheep States. The "clean equivalent" basis (as used here) comprises scoured wool plus greasy wool reduced to the scoured basis, assuming average yields varying with origin, grade, ete. In the reports the data are shown by grade, as well as by type and origin, with similar figures for carpetclass wool, tops and noils, all classified by dealers and manufacturers, together with less detailed cata on stocks, greasy pulled basis, and greasy shorn basis.

Compiled by the National Association of Button Manufacturers. The production percentages represent the ratio of the average number of machines running to the number of machines owned. The number of reporting members varies slightly irom month to month, but being on a ratio basis the percentages are comparable. the month are subject to some orror due to the variations in thenumber of momber reporting, but subject to sonje error, due to the variations in the number of members members whose machinception the last half of 1830 stocks reported have been $b$ : bership machine capacity. Monthly figures back to the beginning of 1923 shown on pp. 270-271 of the 1932 ANNOAL SOPPLEMENT were approximately correct.
fur to garment manufacturers, retailers, principally in New York City, but also in other places in the United States and Canada. The association estimates that sales by its members account for 45 to 50 percent of all fur sales.
ampled by the C. Deparment of Commerce, Bureau of the Cenaus, and ar for 20 identical manufacturers who comprise practically the entire industry. The data include products manufactured by spreading nitrocellulose or pyroxylin prep arations, either by themselves or in combination with other materiai, upon gray goods, such as sheetings, drills, ducks, sateen, and moleskins. The data on poundage of pyroxylin spread are based on 1 pound of guncotton to 7 pounds of solvent, makIng an 8-pound jelly. The data on unfilled orders are exclusive of contracts with
shipping dates unspecifed. The reports include details for light goods and heavy goods, value of shipments, and monthly capacity.

- Averages of figures shown.

1 Compiled by the U. S. Department of Commerce, Bureau of Air Commerce and covers total monthly aircraft production in the United States. The fgures are based on licenses issued by the Department of Oommerce, manufacturer's identification are for planes manufactured in a given month which are destined for export, and differ from those compiled by the Buresu of Foreign and Domestic Commerce based on export declarations, which give the number of planes actually shipped each month. For the available earlier monthly figures (back to the beginning of 1930) see p. 273 of the 1932 ANNUAL. SUPPLEMENT.
${ }^{1}$ Compiled by the Dominion Bureau of Statistics, Department of Trade and Commerce. Detailed reports give freight automobiles exported, by capacity; and passen senger automobiles exported, by value. Exports of automobile parts are also given 1 Compiled by the U. S. Department of Commerce, Bureau of Foreign and Domesti Commerce, and includes the export of new motor trucks, busses, chassis; new pass Commerce, and includes the export of new motor trucks, busses, chassis; new passsenger cars and chassis; and second-hand trucks, busses, and passenger cars. are bere included in order to give representation to exports of unassembled" cars.
Monthly reports (Monthiy Summary of Foreign Commerce of the United States) give details for trucks, by capacity, and passenger cars, by value, together with detailed exports of parts and accessories. Earlier monthly figures appeared on pp. 272-273 of the 1932 ANNUAL SUPPLEMENT, and were correct as shown, except for revisions in 1931 as follows: Total, January, 13,230; March, 17,529; May, 12,964; August, 8,049.
Passenger cars, January, 8,588; March, 11,524; April, 11,229; August, 5,675. Trucks, January, 4,642; March, 6,005; April, 5,498; May, 4,496; August, 2,374.
1932 is based on the $U$. S. Department of Commerce, Bureau of the Census, and since 1932 is based on reports recei ved from 282 identical automobile finencing organizations. In 1930, 1931, and 1932, 313 organizations reported, and in earlier Jears, 365. existing firms for the first time and the discontinuing of reporting by existing firms existing firms for the first time and the discontinuing of reporting by existing firms, reflected new organizations and firms going out of business. Overlapping reports of the Bureau of the Census indicate that in terms of dollar value, these shifts have not affected the comparabilits of the series.
Wholesale financing represents the financing of dealers' stocks of cars, while the other items are for customers' financing. The reports include retail financizg of used cars and the number of cars, also the average amount per car for each type of financing. For earlier monthly data see pp. 272-273 of the 1932 ANNUAL SUPPLEMENT
Of The SURVIY OF CURRENT BUSUNESS.
${ }^{-}$Compiled by the U. S. Department of Commerce, Bureau of the Census, from reports of 39 companies representing almost the entire industry. The census reports show shipments of motor apparatus, by capacity in gallons per minute and by type of apparatus, and details for hand types according to chemical used. Data on twoWheeled chemical fire engines are also shown, and starting in 1936, a classification
showing hand extinguishers of the types not approved by the National Board of showing hand extinguishers of the types not approved by the National Board of
Fire Underwriters is given. For monthly data back to the beginning of 1925 see $p$. 19 of the August 1933 issue of the SURVEY.

A Average of 9 months, April-December.

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1 Automobile production data represent complete manufacturers sales, commonly eferred to as production, as compiled since 1921 by the U. S. Department of Commerce, Bureau of the Census, in cooperation with the Automobile Manufacturers Asso-
ciation (formerly known as the National Automobute Chamber of Commerce). The statistics comprise the output of all members of the Automobile Menufacturers Association as well as of certain other manufacturers reporting directly to the Bureau of the Census. Included are foreign assemblies from parts made in the United States and reported as complete units or vehicles. The figures for passenger cars include to May 1935. These data are now shown in combination only, to avoid disclosure of individual companies. The figures for trucks include ambulances, funeral cars, fire spparatus, street sweepers, and busses
Annual figures through 1921 represent production as compiled on a monthly basis by the National Automobile Chamber of Commerce from the principal producers, covering close to 90 percent of the industry, from quarterly reports of other member companies, and from annual reports of small nonmember companies, covering the balance of the industry
Canadian fgures, which are for actual production, have bean supplied by the Dominion Bureau of Statistics, Department of Trade and Commerce, since January 1926. The data covering the period January 1921 througt December 1925 were
compiled by the U.S. Department of Commerce, Bureau of the Census, in cooperation
with the Nafional Automobile Chamber of Commerce while the earlier figures are those compiled by Babson's Reports, Inc.
on po on pp. 274-275 of the 1932 ANNUAL SUPPL EMENT OF THE SURVEY.
representing practically the entire industty. The fagures comprise possongers representing praclically the entire industty. The fagures comprise passenger-car
truck, bus, motorcycle, tractor, and airplane rims, approved and branded by the truck, bus, motorcycle, tractor, and airplane rims, approved and branded by the association after inspection, and are given in detail by kinds and sizes in the asso ciation's reports. Included in the annual figures shown are rims carried, as "experi
mental" during the year, and not included in the monthly totals. This affects the mental" during the year, and not included in the monthly totals. This affects the
totals to an insignificant extent, except in 1929 and 1931 , when the comparative figures were as follows: Average of the monthly totals-1929, $1,009,000$ and $1931,942,000$ were as follows: Average of the monthly totals-1929, 1,009,000 and 1931, 942,000
annual total divided by 12 , as shown on page 147, 1929, $2,012,000$ and $1931,1,011,000$ Monthly figures back to the beginning of 1923 appearing on pp. 274-275 of the 1932 ANNUAL SUPPLEMENT Were correct, except for minor revisions. Monthly averages appearing therein are averages of the monthly figures, as shown; whereas the monthly
averages given in this publication are based on the year's totals, as reported, divided by 12 .
${ }^{2}$ Compiled by R. L. Polk \& Co. and shows the number of new passenger and com mercial cars registered each month. The data are complete for ail States subsequent to 1926; for passenger cars, estimates were made for Mississippi, Novada, and Tennes see in 1925, while in 1926 no figures are included for Mississippi. For commercial car the data are complete, except in 1925, when no fgures are included for Mississippi Nevada, Tennessee, and Vermont. These States account for only a small proportion of total car registrations. The original reports show the statistics by make of car and oy States; details are also available for counties and cities. For earlier monthly date on passegner-car registrations see p. 18 . 20 of the February 1934 issue.
Compiled by the General Motors Corporation and comprises unit sales of al General Motors cars, including commercial vehicles and trucks. Cnmparison o degree of promptness with which cars are moving into the hands of retail buyers Earlier monthly data appeared on pp. 274-275 of the 1932 ANNUAL SUPPLEMFNT Compiled by the Motor and Equipment Manufacturers Association. Based on the reports of a representative group of manufacturers, the components may be described as follows: Accessories, original equipment-shipmonts of parts and accessories to manufacturers; replacement parts-shipments of spare parts to wholesalers and retailers; service equipment-shipments of machinery and tools used in auto mobile service stations and repair shops. The meaning of shipments of accesseries to wholesalers is obvious. The 4 components and the totar index are in terms of dolla value. The number of firms reporting has varied, but by changing the base (i. e., adding in base figures for new reports, and subtracting the base figures for companies that cease reporting) the index is kept comparable over the fuli period. Eariie monthly figures for the total index appeared on p. 20 of the February 1934 issue; for
earlier monthly flgures for the 4 components se8 pp. $274-275$ of the 1032 ANNUAL earlier monthly fgures for the 4 components ses pp.

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$\ddagger$ The data relating to railway equipment are herein presented in a manner some what different from that used previously. The method formerly used, which grouped the data according to type rather than by source, resulted in the presentation of series which are related and apparently intended for use in conjunction with each other, but which in reality are not comparable. For example, under equipment manufacturing, data relating to freight cars, new orders, undilled orders, and ship ments were presented together. These series should not be used in conjunction without a full understanding of their limitations. Thus, as the following notes make clear, new orders include those placed by nonrailroadjorganizations as well as those placed by the railroads, unfilled orders refer to those on order for class I railroad only, and shipments are from the shops of private carbuildersionly. By separating these series as in the present classification, giving the source in the heading, and ox plaining each series in the following notes, it is! believed thatfthe significance of the statistics will be made clear and the value of the data enhanced.
By reason of the way the data are reported, it is not possible to give a complete record of all equipment business.
號 equipment owned"
bad order" includes all cars underginght cars, but not privately owned cars. "In bad orde includes all cars undergoing or awaiting repairs. In obtaining the "per cent of total in bad order", the number in bad order is related to "total cars on line" road-owned cars on class I' lines, reardias here. Total cars on line include all rail roadure is usually slightly less than the ess of the class of the originating road; this class II and class III lines than the reverse. The , because more class 1 cars are on on ownership. The freight-car ownership report includes data on car installation and retirements, by districts and for the individual roads, while the condition repor gives the ownership of cars undergoing or awaiting heavy and light repairs, also by districts and by individual roads. For earlier monthly data, see pp. 276-277 of the 1932 ANNUAL SOPPLEMENT OF THE SURVEY.
a Comprises freight, passenger, and switching locomotives. "Percent of total awaiting repairs" is based on number on line rather than total owned", Which i shown here. Total locomotives on line include all locomotives on class i lines re gardless of ownership. The"total on line is usually slightly smaller than the tota than the reverse; also, some locomotives owned by class I roads are usually on termi nan the reverse; also, some locomotives owned by class 1 roads are usually on terma
nal nal and industrial tracks. The tractive power data are based on ownership. Data tion. The ownership report gives these data for passenger. freight, and switching locomotives, by districts and for the individual roads, while the condition repor gives number on line, number serviceable, number stored serviceable, and the num ber awaiting repairs, according to the class of the owning railroad, all shown by districts, and for individual roads.
For earlier monthly data on all items except unflled orders, see pp. 276-277 of the 1932 ANNUAL SUPPLEMENT OF THE SURVEY; data for locornotives on order in railroad shops appeared on pp. 278-279 of the SUPPLEMENT, while statistics on locomotives on order with equipment manufacturers are herein shown for the first time. These
latter figures"differ from those compiled by the Bureau of the Census and shownon latter figures; differ from those compiled by the Bureau of the Census and shown on
the following page'because the census figures include all orders placed with the equipthe following page'because the census figures include all orders placed with the equ
ment manufacturers, whereas the association's fgures are for class I roads only. ment manufacturers, whereas the association's figures are for class I roads only.
"Owned" includes cars leased, but not privately owned cars. Unflled orders in clude those on order to be built in both the railroad shops and in private carbuilders" chops. The reports of the association give, for the major types of passenger cars (coaches, combination, baggage, express, and all other), by districts and for each road individually, details showing miles of road operated, number of cars owned or leased, number installed'and retired, and number on order to be built. Annua figures shown are quarterly averages. For passenger cars owned, data shown on pp. 276-277 of the 1932 ANNUAL SUPPLEMENT under the beading "Passenger cars on railroads" were correct except for revisions as follows: Second quarter, 1924, 54,659
quarterly average, $1930,51,721$; third quarter, 1931, 50,960 ; fourth quarter, 1031, 50,437 quarterly average, 1930, 51,721 ; third quarter, $1931,50,960$; fourth quarter, $1931,50,437$
quarterly average, 1931, 51,006 . For unfilled orders the earlier quarterly fagures_on quarterly average, 1931,51,006. For unflled orders the earlier
${ }_{5}$ Average for 6 months, July-December

- Quarterly average.

I Average of first 3 quarters.

## Page 149

$\ddagger$ See spocial note for precoding page.

- Oovers operations of equipment manufacturers only; operations in railroad shops not included.
Unflled orders and shipments of olectric and steam locomotives are based on tho reports of all leading manufacturers. Total unflled orders include foreign, while shipments are domestic only, forelign shipments appearing as exports. Releases of
the Bureare of the Census include, for domestic unfilled orders and shipments, details the Burcare of the Census include, for domestie unfled orders and shipments, detais figures back to the beginning of 1930 appeared on pp. $278-279$ of the 1932 ANNUAL Supplement and were corroct as sliown, oxcept forminor revisions. Earlier mouthly fgures are also available.
a Compiled by the U. S. Department of Commerce, Bureau of the Census; based on data roported by manufacturers comprising practically the ontire industry, 10 in number subsequent to 1930 , and 9 in earlier years. Exports, as well as domestic shipments, aro included in the totals. Press releases give dotails as to type (i. e.,
trollog or storage-battery) and corresponding value data. Earlier quarterly data trollog or storage-battery) and corresponding value data. Earlier quarterly data shown on pp. $278-279$ of the 1932 ANNUAL Supplement were correct, as shown, back
to tho beginning of 1827 ; revisions for earlier years are as follows; 1024-total, arst to tho beginning of 1827 ; revisions for earlier years are as follows; 1924-total, irst
quarter, 189 ; fourth quarter, 169 ; mining, first quarter, 144 . 1925 -total, first quarter, 159; second quarter, 141 : mining, first quarter, 152, second quarter, 122. 1926-total, fourth quarter, 330 , Annual figures are quarterly averages.
buiders in the United Stos and cover all car builders $\ln$ tho United States. The series on freight car shipments shows a cluse correspondenco with the Census of Manufactures production figures for 1925 , 1827 and 1929 b but in 1931, the atest year for which census data are arailable, the figures ference betweon prodiction and shipments. It has not leen possible to chect the Census records to see if the diserepancy could be reconciled. For passenger-car chipments, the deviation from the Consus figures is more pronounced, and the difference was smallest in the year 1031, when the discrepancy in freight cars was greatest The figures do not include shipments (installations) of cars built in the railroad shops In certain years the annual totals reported by the institute differ from the totals of the monthly figures reported, because of incomplete reports or orrors in the monthly reports. The monthly averages shown are based on the totals for the year, wherever suoh totals differ from the totals of the monthly figures. This situation existed in 1925 for freight cars and passenger cars, both total and domostic; in 1926 for freight cars, total and domestic; 1027, passenger cars, total and domestic; 1929, freight cars, total and domestic, and total passenger cars; 1930, freight-cars, total and domestic: and 1035, freight cars and passenger cars, both total and domestic.
pp. 276-277 and pascenger cars, pp, 280-281) have been revised in ment (freight cars, PD. 276-277 and passenger cars, pp, 280-281), have been revised in many instances. zations as woll as the railroads. I'lie annual figures shown are the yearly totals remortod by Railvay Age reduced to a monthly average basis. The annual totals in most years are larger than the sums of the monthly flgures, indicating incomplete reporting in some months; but no attempt has been made to apportion the corrected yearly totals on a monthly basis, since the variations in the monthly figures are too large to make such a procedure feasible. The figures supercede those shown in the 1932 ANNUAI, SUPPLEMENT OF THJI SURVEX.
Conmerce Compled by $U$. S. Department of Commerce, Bureau of Foreion and Domestic Commerce.
${ }^{7}$ Quarterly averages.


## Page 150

1 Compiled by the U. S. Department of Commerce, Bureau of the Census, from the reports of 10 leading manufacturers who are believed to comprise practically the entire industry, The reports include similar data on new orders. Earlier monthly Surver.
${ }^{2}$ Compiled by the U. S. Department of Commerce, Bureau of Navigation and Steamboat Inspection, and comprises vessels being built during the month or under contract to be built, for private shipowners, in American shipyards. Included are
vessels of 100 gross tons and over, of the seagoing, Great Lakes, river, and coastal typos. The reports include dotails showing type of craft, and for seagoing vessols under construction, details giving the builder and tho owner. For vessels other than seagolng, the name of the builder is given. Data on new contracts and new ressols launched are given in slmilar detail. For earlier monthly figures on "all types" only, see pp. $280-281$ of the 1932 ANNUAL SUPPLEMENT OF TaE SURVEY.
Dompiled by the U. S. Department of Commerce, Bureau of Navigation and Steam-
boat 7 spection, and represents launchings of vessels of 100 gross tons or over. These boat Inspection, and represents launchings of vessels of 100 gross tons or over. These
flguros are for privately owned ships only. This series is herein presented for the flgures are for privately owned ships only. This seriss is herain presented for the
first time. Monthly data on vessels completed during the given month are not first time. Monthly data on vessels completed during the given month are not available. A series so titled which has been carried in the $S$
in reality for ships offinlly numbered. (See note 4 below.)

- Oompiled by the U.S. Department of Commerce, Burear of Navigation and Steamboat inspection. The figures are for vessels of 5 tons gross, or more, offeially numbered but not necessarily completed in a given month (or even built in that particular year). They may include vessels not previously engaged in trade, vessels rebuilt with a resulting increase in tonnage, harbor vessels transferred to coastal or ocean routes, harbor boats mortgaged, and vessels entering navigable waters for the first time. 13oth merchant and pleasure craft, built for American owners, are included The releases give the number and tonnage, for both wood and steel vessels, classified by type of motive power. Heretofore, this series has been presented in the SURyEy as "comploted during the month", which, as indicated above, is not a correct designation. Monthly figures back to the beginning of 1923 were correct as shown on pp. 280-281 of the 1932 ANNUAL SUPPLEMENT under the heading "Vessels completed during the month", except for revisions as follows: 1923-total, July, 9,760; December, 38,880; stee, January, 0,155; Fobruary, 19,523 March, 21,227; April, 26,891; May,
5,737; June, 45,687; July, 1,572; August, 21,087; September, 10,930; October, 14,028. Steel vessels, Fobruary, 1925, 1,939; total vessels, January, 1928, 9,348.
1914 to 1921 firures for Germany arenotincluded. Annual firures on vesselsj. From are the yoirly totals reportod by Lloyd's roduced to a quarterly average basis. Thes figures difier slightly from the averages of the end-of-quarter figures shown, which are affectod by delayed reporting and by the fact that at the time of launch, tonnages are approximate only. Quarterly figures shown in the 1932 ANNUAL SUPPLEMENT were correct except for revisions as follows: Vessels launched, 1924, fourth quarternumber, 221 , tonnage, 546,985 ; 1925, fourth quarter-number, 197, tonnage, 491,320; 1827, fourth quarter-number 224, tonnago, 885,623.
- Net ton represents 100 cubic feet internal carrying capacity after the prescribed allowance for crew and enpine space, while gross ton represents in units of 100 cubic foet the outire cubical capacity of tho vessel, including erew and engine space.
December of 6 months, March, Jure, September, October, November, and Docernbor.

Fiscal-year averages.
Aunnual figures reduced to a quarterly average basis, and not averages of the actual quarterly firures. (See note 5 above.)

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Notr.-Those desiring comprehensive statistics on Canada might subscribe to

Statistics, General Skatistics Branch. This publication is sinilar to tha Surver in that it provides 13 -month comparisons (with some weekly figures) for the major Caniadian economic indicators. The subscription price is \$1 a year
corosent ated Suresent a revision of the data shown in the 193 ANNUL SUPplement or the tical refinements have been made in the computation The index of the plivsical volume of production is made up of 43 the computation. The index of the plysical are as follows: industrial production, 73.4 (distributed by subgronps as followimineral production 8.1, manufacturing 49.6, construction 11.6, and electric nower production 4.1); distribution, 26.6 fdivided es follows: curloadings 7.9 tride elarployment 13.6 , imports 3.1 , and exports 2.0). Forestry proditats are not included in the combined index.
The indexes of marketings are constructed from grain receipts and livestock sules The weighting of these two groups are 57 and 43, respectively.
The indexes are corrected for seasonal variations, where necessary, wy the link-relative-median, using the period 1919-30 for this purpose.
Monthly figures for the period 1921-31, inclusive, appeared on np. 18-19 of the Fobruary 1983 issue. Detailed statistics are contained in the Monthiy Review of Business Statistics published by the Dominion Iurreau of Statistics, Generat Statistice Branch.
A complete description of the lndex, together with monthly data back to 1019 , vas issued as a supplement to the Monthly Review of Business Statistics for November

A verage of monthly flgures which differs slightly from base figure used.

## Page 152

${ }^{1}$ Price data are from the Dominion Bureau of Statistics, General Statistics Brameh, and are taken from the mimeographed report "Prices and Price Index are published regularly also in the honthy Review of Businces satistics Group indexes under the general cost-of-living index are shown for foods, fuel, rent, clothing, and sundries. Data on rents are calculated in May azd October
only, and the same flgures used for eich month of the seminnnul period Clothing ong, and the same figures used for eath month of the semianmulalyeriod. Clotling case are used for the 2 following months also. The monthly indexes are as of the list of the month.
The wholesale price index is of the weighted aggregative type, and is at present based on 567 commodities, or priceseries; from 1926-33 it was bused on 502 commoditios or price series, and from 1913-25 on 236.
Monthly data for the period 1023-31 are on Dp. 2S2-293 of the 1932 Annval SupPLEMENT OF THE SURVEY. Minor rovisions of the wholesale price inilexes for the following months of 1930 should be coted: March, 91.9 ; April, 01.7 ; May, 89.9; June
88.0; and July 85.8 . 88.0; and July 85.8 .

Branch, from are comployment by the Dominion Bureau of Statistics. General Statistics Branch, from employment reports as of the ist of each month from representativa establishments. The indexes are adjusted for sensonal variations.
Details by industries and by oconomic aroas and citias are givon in the Monthly Rebiew of Business Statistics. Monthly data for the yeriod 1923-31, inelusive, are in the 1932 ANNUAL SUPPLEMENT Or THE SEFAVEX, Dp. 282-283.
of Statistics, and represent the amount of checks charged amainst Domirion Duteau of Statistics, and represent the amount of checks charged against bank accounts at Except for minor revisions (principally in 1924) monthly data shown in the 1932 ANNUAI SUPPLEMENT OP THE SURVEY On Yp. 284-285 aro comparable with these statisties.
Comprehensive statistics on the Canadian bankiug situation are avallable from the source of the bank debit figures.
Branch. These series are from the Dominion Burenu of Statistics, (Fenercl Statistics Branch. The index of interest rates is calculated from the yields of Ontariolong-term bonds, as compiled by Wood, Gundy \& Co. Ltd. Since 1933 the common-stock index is based on 121 stocks ( 8 banks, 25 utilities, and 88 industrials). For 1932, 130 stocks were included; from 1929 to 1931, 125; for 1927 and 1028, 112 stocks; and prior
to 1927,52 stocks. to 1927, 52 stocks.
administration of the Dominion Bureau of Statistics. These data are based upon the administration of the Dominion of Canada "Banking and Winding Up Acts", by Which all the bankruptcies in Canada have been administered since the year 1922. in Canada and coming into the courts. Private companies with creditors are not included. These official figures dispiace the series formerly appearing in the Surver on Canadian failures, including Newfoundland, compiled by Bradstreet's. which has been discontinued.
Monthly data for the period 1922-32 appear on p. 20 of the October 1933 issue. Detailed statistics are given in the regular monthly report.
Cife-insursance sales are from the Life Insurance Sates Research Sureau, Hartford, Conn. Data for the years 1032-35 are from 10 companies which have about 00 percent of the total ordinary legal-reserve life-insurance outstanding in Canada.
The early figures are from 14 companies with 84 percent of the total business.
The figures in the 1932 ANNOL Supymemser of TRE ScRvey represented data for The figures in the 1932 ANNOAL SUPYLEMENT OF TRE SCRVEY represented data for companies with the same percentage of the business, but included some figurcs on a "When issued" basis. Comparable data prior to 1929 are not available.
sent the total Dominion, provincial, municipal, railway, and corporation reprosent the total Dominion, p ssued.
Monthly dsta for 1929-31, including the distribution, by groups, are in the 1032 month being $\$ 670,132,000$ and for 1)ominion and provincial issues, $\$ 653,433,000$. Indexes io not average 100 for the year on account of the date of entry being the Ist of each month-beginning Jan. 1 and ending Dec. 1. Average for the calendar year is used as a base.

## Page 153

1Foreign-trade statistics are from the Dominion Bureau of Statistics, Eaternal Trade Branch. Data for the period 1928-31 wera in the 1932 ANNItal Sciplifment of The Surver, and such revisions as have been made in the data are very miner-
Data on exports, both absolute fgures and index numbers revised begimring April 1933 to include non-monetary gold.
9 Figures are from the Dominion Burcau of Statistics, Transportation and Fublic Utility Branch, and cover all railways in Canada with operating reventues of $\$ 500,010$ or over. Statistics are published in considerable detail. Data for 1923 do ire in the 1932 ANNUAL SUPPLEMENT OF THE SERVEY, but numerous revisions were ntade in the 1931 data subsequent to publication of that SUPrivemest.
The d indicates a denieit.
${ }^{2}$ Series are from the Dominion Jureau of Statistics. Wlectric-power pooduction data are for all contral stations, and include the output from both water and fuel, the former being considerabiy more important than the latter. Pip-iron tud sted)-
ingot prodnction are complete. Production of four is from ingot production are complete. Production of four is from ingrehtint tand castoms mills. As for other series, considerable detail is given in the regnher monthly reports. Monthly data for the period 1923-31 are in the 1932 ANNCAL Supwhmen T OF THE Sunvey, excent for electrical encrgy for which data are available batk to 1925 only. should read 73,000 instead of 83,000 .

## SOURCES OF DATA GIVEN IN PRECEDING TABLES

I.-REPORTS FROM GOVERNMENT DEPARTMENTS (FEDERAL, STATE, AND FOREIGN)


I:-REPORTS FROM GOVERNMENT DEPARTMENTS (FEDERAL, STATE, AND FOREIGN)-Continued

1.-REPORTS FROM GOVERNMENT DEPARTMENTS (FEDERAL, STATE, AND FOREIGN)-Continued

| BODRCY | DATA | CORrent publication |
| :---: | :---: | :---: |
| United States-Continued. Interstate Commerce Commission | Express company | Not publishec. |
|  | Financial operations of class I railways | Press release. |
|  | Freight carried 1 mile..-.-.-.....---- | Do. |
|  | Passengers carried 1 milo. | Do. |
|  | Railroad employment and wages | Do. |
|  | Receipts per ton-mile | Not published in form use |
| Reconstruction Finance Corporation Securities and Exchange Commission. | New securities effectively registered | Press release. |
| Illinois Department of Labor, 208 West Wacker Drive, Ohicago, Ill . | Bond and stock sales on all registered exchanges |  |
|  | Employment, pay roll, and weekly wage inderes for rlinois.- | e Labor Bulletin and press release |
|  | Employment and pay roll indexes for Chicago | Do. <br> Iowa Employment Survey. |
| Louisiana supervisor of public accounts, Baton Rouge, | Sulphur production in Louisiana | Not published currently. |
| Maryland commissioner of labor and statistics, Baltimore, Md. <br> Massachusetts Department of Labor and Statistics | Employment and pay rolls in Margland and in Baitimore... | Press release. |
| Massachusetts Department of Labor and Statistics...- | Employment, pay roll, and weekly wage indexes for Massachusetts. | Do. |
|  | Fluid milk receipts at Boston......------- | Not published. |
| New York State Department of Labor, State Office Bldg., Albany, N. Y. | Employment, pay roll, and weekly wage indexes for New York State. | Industrial Bulletin and press releases. |
| New York State Department of Public Works, Albany, N. Y. | Employment and pay roll indexes for New York City Traffic on New York State canals. | Not published currently. |
| Wisconsin: Industrial commission of Wisconsin, 1 West Wilson St., Madison, Wis. | Employment, pay roll, and weekly wage indexes for Wisconsin and Milwaukee. | Wisconsln Labor Market. |
| Texas: Comptroller of public accounts, Austin, Tex Canada: <br> Dominion Bureau of Statistics | Sulphur production in Texas | Not published currently. |
|  | Practically all Canadian statistics. | Monthly Review of Business Statistics and press release. |

## II.-REPORTS FROM COMMERCIAL AND TRADE ASSOCIATIONS



Association of Manufacturers of Woodworking Machinery, 111 West Washington St., Chicago, Ill
Association of Life Insurance Presidents, 165 Broadway,

Book Paper Manufacturers Association, 122 East 42d St.,
New York, N. Y.
California Red wood Association, 405 Montgomery St., San Francisco, Calif.
Cleveland Chamber of Commerce, Cleveland, Ohio
Corn Refiners Statistical Bureau, 208 North La Salle St., Chicago, Inl.
Commodity Exchange, Inc., 81 Broad St., New York, Detroit Board of Commerce, Detroit, Mich
Detroit Board of Commerce, Detroit, Mich
Edison Electric Institute, 420 Lexington Ave., New York,
Edison Electric Institute, 420 Lexington A ve., New York,
N. Y.
N. Y.
Felt Manufacturer's Association, 17 John St., New York,

Foundry Equipment Manufacturer's Association, 1213
West $3 d$ St., Cleveland, Ohio.
Glass Oontainer Association, 19 West 44th St., New York, N.Y.

Hydraulic Society, 90 West St., New York, N. Y.......... Illuminating Glassware Guild, 19 West 44th St.; New York, N. Y
Instítute of Boiler and Radiator Manufacturers, Geneva,
N.Y.

Shipments of abrasive paper and cloth

## Bankers' acceptances outstanding

Copper, production, shipments, and stocks

Lead, recelpts, production, shipments, and stocks
Silver production and stooks.
Tin, consumption.-.-....-.........

Trade union employment
Fur sales
Manufactured and natural gas, customers, sales, and revenues.
Steel Ingot production
Trackwork production
Paper and wood pulp, production, shipments and stocks, etc. (from data reported by cooperating units).
Retail distribution of gasoline.........
Newsprint consumption and stocks.
Freight and passenger car shipments
Electricstreet railways, fares.
Electricstreet railways, passengers carried and revenues
Zinc, production, shipments, stocks, and retorts in operation
Anthracite, shipments and stocks.--
Bituminous coal consumed by railways.
Crelght oars in bad order, ownership, unfilled orders, and surplus.
Locomotives in bad order, installed and retired, ownership and unfilled orders.
Passenger cars, ownership and unfilled orders.
Woodworking machinery, orders and shipments.
Admitted assets
Life insurance written
Cremium collections
 and stocks
California redwood lumber production, shipments, and orders

## Employment index

Corn grindings for glucose, starch, ete
Silk deliveries (domestic) and world stocks
Detroit employment indexes.
Sales of electric energy and electric refrigerators
Dry roofing felt, production and stocks.
Foundry equipment, shipments and orders
Glass containers, produotion, shipments, and stocks
Steam, power, and centrifugal pumps.
Illuminating glassware, orders, production, shipments, and
stocke.
Round and square boilers, and radiators, production, shipExplosive and stocks.
Explosives, shipments

Not publlshed.
Acceptance Bulletln.
Mimeographed press releases (summarized annually in Yearbook of American Bureat of Metal Statistics).
Press releaso.
Do.
Do.
Do.

The Federationist and press release.
Market Report of the American Fur Merchants Association, Inc. Company Statlstics. Press release. Monthly Statistical Summary.
Statistical Bulletin.
Not published in form used.
Not published.
American Transit Bulletin.
Not published
Press release.
Not publlshed.
Printed statements.
Do.
Do.
Do.
Not published.
Do.
Do.
Mimeographed report.
Press release.
Do
Not published.
Mimeographed report.
Press release.
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Mimeographed report.
Do.
Typed report
Mimeographed report.
Typed report
Mimeographed report.
Do.

## II.-REPORTS FROM COMMERCIAL AND TRADE ASSOCIATIONS-Continued

| source | DATA | current pubitation |
| :---: | :---: | :---: |
| Lake Superior Iron Ore Assoclation, Hanna Bldg., Cleveland, Ohio. | Iron ore, consumption, receipts, shipments, and stocks... | Printed report. |
| İife Insurance Sales Research Bureau, Hartior | Life insurance (ordinary) written and lapse rates-............. |  |
| Maple Flooring Manufacturers Association, 332 South Michigan Ave., Chicago, Ill. | Maple, birch, and beech flooring, production, shipments, orders, and stocks. | Mineographed report. |
| Minneapolis Chimber of Commerce, Minneapolis, Minn. | Linseed oil and linseed cake and meal, shipments..-.-.......- |  |
| Motor and Equipment Manufacturers' Association, 250 West 67 th St., New York, N. Y. | Automobilo accessories and parts, shipments (inde | Mimeographed renort. |
| National Association of Buttou Manufacturers, 40 Worth St., New York, N. Y. | Buttons, production and stocks. | Printed report. |
| National Association of Finishers of Textile Fabrics, 40 Worth St., New York, N. Y. | Cotton cloth finishing. | Mimeographed report. |
| Nationul Association of Flat Rolled Stcel Manufacturers, 565 Frick Bldg. Anncx, Pittsburgh, Pa . | Flat rolled steel shects, production, shipments, orders and stocks. | Do. |
| National Association of Hosiery Manufacturers, 468 4th Avo., New York, N. Y. | Hosiery, production, shiprnents, stocks........................... | Statistical bulletin of the hosicry industry. |
| National Board of Hiro Underwriters, 85 Jobn St., New York, N. Y. | Fire losses. | Trade Maxazines ant newspapers. |
| National Container Association, 205 Wacker Drive, Chicago, Ill. | Paperboard shipping boxes | Mimeographed report. |
| National Electrical Manufacturers Association, 420 Lexington 4 ve ., New York, N. Y. | Electric furnaces. <br> Vulcanized fiber. <br> Laminated phenolic ware. <br> Wlectric motors. <br> Electric ranges. <br> Powor cables, maper insulated <br> Power switching equipment | Nema Survey and mimeographed reports. <br> Do. <br> Do. <br> Do. <br> Do. <br> 120. <br> Do. |
| National Fertilizer Association, Investment Building, Washington, 3 ). 0. | Fertilizer consumption in Southern States.-.---....................... | National Fertlizer Association servieo letter. |
| National Lumber Manufacturer's Asssociation, 1337 Connecticut Ave., Washington, D. C. | Lumber production, shipments and stocks (total) | N゙ational Tumber 'Trade l3arometer. |
| National Machine 'Tool Builders Association, 10525 Carnegie Avo., Cleveland, Ohio. | Machine tools, new ord | Rotonrinted report. |
| National Oak Ilooring Manufacturers Association, 830 Dorman llldg., Memphis, Tenn. | Oak flooring production, shipments and stocks | Mimeozraphad report. |
| Nowsprint Service Bureal, 342 Lexington Ave., New | Nemsprint paper (United States and Canada), production, shipments and stocks. | Newsprint Service Barean Inihtin. |
| Now Orlcans Cotton Exchango, New Orleans, La | Cotton receipts into sight | Printed report. |
| New York Cocoa Exchange, 92 Beaver Street, Now York, N. Y. | Cocoa, shipments from Africa (the Gold Coast and Nigeria)... |  |
| Now York Coffee and Sugar Exchange, 113 Pearl St., New York, N. Y. | Col | Do. |
| Non-Ferrous Incrot Metal Institute, 308 West Washing. ton St., New York, N. Y. | Brass and bromze ingots, shipments and | Mimeosraphed rejort. |
| Pacifie Canned Salmon Brokers' Association, 566 Coleman Building, Seattle, Wash. | Canned salmon shipments. | Not pubished. |
| Plate Class Manufacturers of America, First National | Plate glass production. | Glass trade papers. |
| Portland Cement Assoclation, 33 West Grand Ave., Chicaro, Ill. | Concrete pavements, contracts awarded | Concrete Highways and Pubic Improvements. |
| Rice Millers Association, 306-310 Orme Bldg., New Orleans, La | Rice, Southern States, receipts at mills, sbipments and stock | Mineographed report. |
| The Rubber Manufacturer's Association, 250 West 50th St., New York, N. Y. | Consumption of rubber and fabries in the manufacture of tires and tubes (basic statistics). <br> Rubber proofed fabrics production. <br> Rubber and canvas footwear production, shipments and stocks (basic statisties). <br> Rubber scrap, consumption, production, and stocks. <br> Rubber heels and soles, production, shipments, and stocks. Reclaimed rubber, consumption, production, and stocks (basic statistics). <br> Rubber tires and tubes, production, shipments, and stocks (basic statistics). | Printed refort. <br> Do. Do. <br> Do. <br> Do. <br> Do. <br> Do. |
| Rubber Trade Association of New York, Inc., 85 Broad St., Now York, N. Y. | Rubber, smoked sheets, wholesale price | Not published. |
| The Saving Banks Association of the State of New York, 110 East 42d St., New York, N. Y. | Saving deposits in New York State banks. | Not published in form used. |
| Soda Pulp Manufacturers Association, 230 Park Ave., New York, N. Y. | Sods pulp, production, shipments, stocks. | Mimegraphed report. |
| Specialty Accounting Supply Manufacturor's Association, 208 South LaSulle St., Chicago, 113. | Sales books and blank forms, new orders | Do. |
| Southern Pine Association, New Orleans, La. | Southern pine, orders, production, and shipments.. | Printed report (weekly). |
| Tanners. <br> Tes Broker's Assoclation, London, England | Leather production, cattle hide and leather st | Tea Market Report. |
| Tire and Rim Association, Inc., 1401 Guarantee Title Bldg. Cleveland, Obio. | Automobile rims, production | Printed and mimeographed reports. |
| Twin City Milk Producers Association, 2402 University Ave., St. Paul, Minn. | Fluid milk, production in the Minneapolis and St. Paul areas. | Not published. |
| United Statos Pulp Producer's Assoclation, 122 East 42d St New York N Y | Mechanical and chemical woodpulp, production, shipments, and stocks. | Mineographed report. |
| United Typothetae of Amorica, 710 15th St. NW., Washington, D. C . | Printing activity. | Typothetae Bulletin. |
| Valve and Mittings Institute, 420 Lexington Ave., New York, N. | Boiler and pipe fittings (malleable and cast iron), production and shipments. | Not published. |
| Vacuum Cleaners Manufacturers Association, 1070 East 152 d St. Cleveland, Ohio. | Vacuum cleaners, floor and hand type. | Trade papers. |
| West Coast Lumberman's Association, 364 Stewart Bldg., Seattle, Wash. <br> Western Pine Ássociation, Yeon Bldg., Portland, Oreg-- | West coast woods (Douglas fir, Sitka spruce, red cedar, and hemlock production, shipments, stocks and orders. Western pine lumbar production, shipments, orders, stocks, and price of ponderosa pine. | Printed report (weekly). Not published in form used. |
| Western Sheat and Tinplate Manulacturer's Association, Youngstown, Olio. <br> Wire Cloth Manufacturers Association, 1427 Eye St. N.W., Washington, D. C. | Wages, steal workers in the Youngstown district.............-- Copper wire cloth, orders, production, shipments, and stocks. | Trade papers. <br> Not published. |

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| Building cost indexes. | Construction trade papers. |
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| De is Comparnie Universalle du Canal Maritime de Suez, | Suez Canal traffic. | Le Canal de Suez. |
| Corporation Trust Co., Munsey Bldg., Washington, D. C. | New incorporations. | Not published. |
| Dodge, F. W., Corp., il9 West 40th St., New York, N. Y. | Construction contracts awarded in 37 States. | Printed report. |
| General Motors Corporation, Broadway at 57th St., New | Sales of automobiles to dealers and users | Financial papers. |
| Green, ${ }^{\text {L }}$ L. H., \& Co., 902 Broadway, New York, N. Y | Chain store sales. | Do. |
| Orant, W. T, Co., 1441 Brodway, New York, N. Y .-... |  | Do. |
| Morwath \& Horwath, 6515 th A ve., New York, N. Y.....- | Motel room occupancy and restaurant sales index | Horwath Hotel Accountant. |
| Hercules Powder Co., Wilmington, Del..................... | Wood rosin, production and stocks. | Naval Stores Reviow. |
|  | Wood turpentine, production and stock |  |
| Kresge, S. S., Co., Detroit, Mich | $\xrightarrow{\text { Pine onj, production }}$ Chain store sales... | Financial papers. |
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| Lloyds Register of Shipping, 17 Battery Place, New York, | World ship construction | Printed release (quarterly). |
| McCrory Stores Corporation, 1107 Broadway, New York, | Chain store sales | Finanoial papers. |
| N. Y. | National newspape | Media Records. |
| Montgomery Ward, Chicago, Ill | Mail order and store sales | Financial papers. |
| Moody's Investors Service, 65 Broadway, New York, N. Y. | Dividend payments and rates. | Do. |
| Murphy, C . C., Co., Mckeesport, Pa .-----...-...... | Chain store sales. | Do. |
| National Industrial Conference Board, 247 Park Ave., New York, N. Y. | Cost of living indexes | Press release. |
|  | Factory hourly earnings. Factory weekly earnings | Conference Board Service Letter Do. |
|  | Hours of worls per week in factories |  |
| New York Stock Excbange, 20 Broad St., New York, N. Y. | Brokers loans, N. Y. S. E. members. | New York Stock Exchange Bulletin. |
|  | Average price of all bonds listed on the New York Stock | Do. |
|  | Value of all listed bonds on the New York Stock Ex | Do. |
|  | Value and number of shares of stocks listed on the New York | Do. |
|  | Foreign bond prices | The Index. |
| Ohio State University, Bureau of Business Research, Columbus, Ohio. | Employment in Ohio and employment in the construction industry in Ohio. | Mimeographed report. |
| Organization Service Corporation, 74 Trinity Place, New York, N. Y. | Cold finished stoel bars, shipments. | Not published. |
|  | Electric overthead cranes, orders and shipments. |  |
| Penney, J. C., Co., 330 West 34th St., New York, N. Y | Spring washers, shipment | Financial papers. |
| Pennsylvania Railroad Co., 1617 Fennsylvania Boulevatd, Philadelphia, Pa . | Number of domestic and foreign stockbolders of the company- | Do. |
| Polk, R. L., \& Co., Detroit, Mich ---...- | Commercial and passenger car registrations | Automobile trade papers. |
| Pullnıan Co., 79 East Adams St., Cbicago, ill.-..............- | Revenues of company--.-.-....-----.- | Not published. |
|  | Number of paying passengers carried in Pulman cars |  |
|  | Mail order and store sales | Financial papers. |
| Seidman \& Seidman, Grand Rapids, Mioh | Activity in the furniture industry in the Grand Rapids district and in all furniture manufacturing districts. | Furniture trade magazines. |
| Standard Statistics Co., Inc., 345 Hudson St., New York, N. Y. | Bond price indexes and yields. | Standard Statistics Service. |
|  | Stock price and yield indexes. |  |
| extile Economics Bureau, Inc., 21 East 40th | Rayon deliveries and stocks.. | Rayon Ofganon. |
| York, N. Y. |  | Not published. |
| Thompson, J. R., Co., 350 North Clark St., Chicago, IIl. United States Steel Corporation. | Restaurant sales.. | Not published. |
|  | Number of domestic and forsign stockholders of the corporation. <br> Shipments of finished steel products. <br> Wages of common labor | $\begin{aligned} & \text { Do. } \\ & \text { Do. } \\ & \text { Do. } \end{aligned}$ Do. |
| Waldor! System Incorporated, 169 High St., Boston, Mass. <br> Woolworth, F. W., Co., Woolworth Bldg., New York, N. Y. | Restau | Not published. |
|  | Chain store sales. | Financial papers. |

## IV.-REPORTS FROM TECHNICAL PERIODICALS

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| American Acceptance Bulletin, 120 Broadway, New York, N. Y. <br> American Metal Market, 111 John St., New York, N. Y. | Banker's acceptances, outstanding. <br> Aluminum, wholesale price. <br> Pig iron, composite price. <br> Steel, finished, composite priee. <br> Tin dellveries, stocks, and wholesale price. | Iron Age, Chestnut and 56th St., Philadelphia, Pa. <br> Joplin Clobe, Joplin, Mo $\qquad$ <br> Monetary Times, 341 Church St., Toronto, Canada. <br> National Advertising Records Oo., Inc., 799 | Pig iron, production and number of furnaces in blast. <br> Lead shipments. <br> Zine shipments and stocks. <br> Bond issues, Canada. <br> Magazine advertising cost. |
| Annalist, Times Squara, New York, N. Y. 13ond Buyer, 67 Pearl St., New York, N. Y. | Indexes of business activity. <br> State and municipal bond issues | Broadway, New York, N. Y. Naval Stores Review, Savamah, Ga $\qquad$ | Radio broadcasting cost. Gum rosin, receipts and stocks. Gum spirits of turpentine receipts |
| Broomhall's Corn Trade News, St. Mary's Chambers, St. Mary's Axe, E. C., London, England. | World visible supply of wheat. | New York Times, Times Sq., New York, N. Y. | and stocks. Dividend and interest payments. Stock prices. |
| Bulletin of Union Statistics, corner of Shoeman and Van der Walt Sts., Pretoria, South Africa. | Rand gold production. | Northwestern Miller, Minneapolis, Minn. | Stock sales. <br> Flaxseed, receipts, shipments, and stocks in the Minneapolis and |
| Chain Store Age, 93 Worth St., New York, N. Y. | Ohain story sale indexes. | Oil and Gas Journal, Tulsa, Okla |  |
| Commercial and Financial Chronicle, William St., corner of Spruce, New York, N. Y. | Cotton, world and American supply. <br> Security issues. | Oil, Paint, and Drug Reporter, 12 Gold St., New York, N . Y . | stations in 50 cities. <br> Flaxseed, visible supply in Argentina. |
| Daily Trade Bulletin, Chicago Board of Trade, Board of Trade Building Chicago | Oorn, receipts and shipments. Oats, shipments. | Printers' Ink, 185 Madison Ave., New York, N. Y. | Magazine ad vertising lineage. <br> Printers' Ink advertising inderes. |
| Trade, Board ol Trade Building, Chicago, | Wheat, shipments and receipts. | The Publishers' Weekly, 62 West 45th St., | Book publication. |
| Dun \& Bradstreet, Inc., 290 Broadway, New York, N. Y. | Commercial failures, numher and <br> liabilities. <br> Wholesale price index (Dun's). <br> Wholesale price index (Brad- <br> street's). | New York, N. Y. <br> Railway Age, 30 Church St., New York, N. Y. <br> Russell's Commercial News, 80 Washington St, New York, N. Y. | New orders for freight cars, locomotives, and passenger cars. Wheat flour, computed production. shipments, and stocks. |
| Engineering and Mining Journal, 330 West 44th St., New York, N. Y. | Wholesale prices of copper, lead, silver, and zinc. | Steel, Penton Bldg., Cleveland, Ohio. Wall 'Street Journal, 44 Broad St., New York, | Iron and steel, composite price. Bond sales. <br> Bond prices. |
| Engineering News-Record, 330 west 44th St., New York, N. Y. | Construction wage rates. <br> Enginearing construction contracts awarded. | Willett \& Gray's Sugar Statistical Trade Journal, 72 Wall St., New York, N. Y. | Stock prices. <br> Sugar, meltings and stocks. <br> Sugar, Cuban stocks. |
| Fairchilds Publications, 8 East 13th St., New York, N. Y. | Retail price indezes. |  |  |

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[^0]:    For footnotes see p. 154.

[^1]:    For footnotes, see p. 169.

[^2]:    For footnotes see p. 178.

[^3]:    * 9 months' average (exports), beginning April 1933-nonmonetary gold included.

[^4]:    * 9 months' average (exports), beginning April 1933-nonmonetary gold included.

