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## UNITED STATES <br> DEPARTMENT OF COMMERCE <br> WASHINGTON <br> SURVEY OF CURRENT BUSINESS

## NOVEMBER, 1925

No. 51


COMPILED BY

## BUREAU OF THE CENSUS <br> BUREAU OF FOREIGN AND DOMESTIC COMMERCE BUREAU OF STANDARDS

## IMPORTANT NOTICE

In addition to figures given from Government sources, there are also ancorporated for completeness of service figures from other sources generally accepted by the trades, the authority and responsibidyy
for which are noted in the "Sources of Data", on pages 152-155 of the August, 1925, issue

Subscription price of the Survey of Current Business is 1.50 a year; single copies (monthly), 10 cents; sempanhual issues, 25 cents. Foreign subscriptions, $\$ 2.25$; single copies (monthly issues), including postage, 14 cents, semiannual issues, 36 cents. Subscription price of Commerce Reports is $\$ 4$ a year; with the Survey, $\$ 5: 50$ a yeat. Mate remittances only to Superintendent of Documents, Washington, D. C., by postal money order, express ordet, of New York draft. Currency at sender's risk. Postage stamps or foreign money not accepted

## INTRODUCTION

The Survey of Current Business is designed to present each month a picture of the business situation by setting forth the prineipal facts regarding the various lines of trade and industry. At semiannual intervals detailed tables are published giving, for each item, monthly figures for the past two years and yearly comparisons, where available, back to 1913; also blank lines sufficient for six months have been left at the bottom of each table enabling those who care to do so to enter new figures as soon as they appear (see issue for August, 1925, No. 48). In the intervening months the more important comparisons only are given in the table entitled "Trend of business movements" as in the present number.

## ADVANCE SHEETS

Realizing that current statistics are highly perishable and that to be of use they must reach the business man at the earliest possible moment, the department has arranged to distribute advance leaflets every week to subscribers in the United States. The leaflets are usually mailed on Tuesdays and give such information as has been received during the preceding week. The information contained in these leaflets is also reprinted in "Commerce Reports," issued weekly by the Bureau of Foreign and Domestic Commerce. The monthly bulletin is distributed as quickly as it can be completed and printed.

## BASIC DATA

The figures reported in the accompanying tables are very largely those already in existence. The chief function of the department is to bring together these data which, if available at all, are scattered in hundreds of different publications. A portion of thess data are collected by Government departments, other figures are compiled by technical journals, and still others are reported by trade associations.

## RELATIVE NUMBERS

To facilitate comparison between different items and render the trend of a movement more apparent, relative numbers (often called "index numbers," a term referring more particularly to a special kind of number described below) have been calculated. The relative numbers enable the reader to see at a glance the general upward or downward tendency of a movement which can not so easily be grasped from the actual figures.

In computing these relative numbers the last prewar year, 1913, or in some instances a five-year ay erage, $1909-1913$, has been used as a base equal to 100 wherever possible.

The relative numbers are computed by allowing the monthly average for the base year or period to equal 100. If the movement for a current month is greater than the base, the relative number will be greater than 100, and vice versa. The difference between 100 and the relative number will give at once the per cent increase or decrease compared with the base period. Thus a relative number of 115 means an increase of 15
per cent over the base period, while a relative number of 80 means a decrease of 20 per cent from the base.

Relative numbers may also be used to calculate the approximate percentage increase or decrease in a movement from one period to the next. Thus, if a relative number at one month is 120 and for a later month it is 144 there has been an increase of 20 per cent.

In many instances comparable figures for the prewar years are not available, and in such cases the year 1919 has usually been taken as the base. For some industries 1919 can not be regarded as a proper base, due to extraordinary conditions in the industry, and some more representative period has been chosen. In many cases relative numbers of less importance have been temporarily omitted.

Most of the relative numbers appear in a special section of the semiannual issues, as in Tables 103 to 123 of the August, 1925, number, thus allowing easy comparison on a pre-war base for all items for which relatives could be computed.

## INDEX NUMBERS

When two or more series of relative numbers are combined by a system of weightings the resulting series is denominated an index number. The index number, by combining many relative numbers, is designed to show the trend of an entire group of in dustries or for the country as a whole, instead of for the single commodity or industry which the relative number covers. Comparisons with the base year or with other periods are made in the same manner as in the case of relative numbers.

## RATIO CHARTS

In many instances the charts used in the Surver or Current Business are of the type termed "Ratio Charts" (logarithmic scale), notably the Business Indicator charts on page 2. These charts show the percentage increase and allow direct comparisons be tween the slope of one curve and that of any other curve regardless of its location on the diagram; that is, a 10 per cent increase in an item is given the same vertical movement whether its curve is near the bottom or near the top of the chart.

The difference between this and the ordinary form of a chart can be made clear by an example. If a certain item, having a relative number of 400 in one month, increases $10^{\circ}$ per cent in the following month, its relative number will be 440 , and on an ordinary chart would be plotted 40 equidistant scale points higher than the preceding month. Another movement with a relative number of, say, 50 also increases 10 per cent, making its relative number 55 . On the ordiaary (arithmetic) scale this item would rise only 5 equidistant points, whereas the previous item rose 40 points, yet each showed the same percentage increase. The ratio charts avoid this difficulty and give to each of the two movements exactly the same vertical rise and hence the slopes of the two lines are diroctly comparable. The ratio charts compare percentage changes, while the arithmetic charts compare absolute changes.

This issue presents practically complete data for the month of September and also items covering October, 1925. received up to November 12. As most data covering a particular month's businese are not availablo until from 15 to 30 dave after the close of the month, a complete picture of that month's operations, tncluding relative numbers, cumulatipe totals, texts and chart, can not be presented in printed form under 45 days after its close, but the adoance leafets deteribed above gtoe considerable information as early as 15 clays after its close, and present almoet every woek the latest data avallable.

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No. 51
NOVEMBER
1925

## CONTENTS



## PRELIMINARY SUMMARY FOR OCTOBER

Industrial production increased in October, with gains recorded both over September and over a year ago, in the output of such basic commodities as pig iron, steel ingots, and zinc. Unfilled orders for steel and for locomotives at the end of the month were also higher than at the end of September or on October 31, 1924. Consumption of raw materials in manufacture, as indicated by receipts or deliveries of wool, silk, tin, and corn, was larger than a year ago, but the output of locomotives and ships declined.

Trade reports indicate considerable increases in October over both the previous month and a year ago in sales of mail-order houses and 10-cent chains, magazine advertising, and postal receipts, while check payments rose to a new high level. The movement of goods into consumption, as shown by loadings of carload freight by railroads, was larger than a year ago, $67301-25 \dagger-1$
the changes from September being largely of a seasonal nature. Traffic through the Sault Ste. Marie Canals was also greater than in either the previous month or a year ago.

Financial indicators also increased over both September, 1925, and October, 1924, in new security issues, new incorporations, money in circulation, interest rates on both call money and commercial paper, stock sales, and prices, and loans, investments, and deposits in reporting member-banks of the Federal reserve system. The reserve ratio of the Federal reserve banks at the end of October was lower than either the end of September or a year ago. Dividend payments were larger than a year ago. Business failures were less than a year ago, both in number and liabilities. The number of failures increased over September, while liabilities were less.

## BUSINESS INDICATORS: 1920-1925

(Ratio charts-see explanation on inside front cover. Except for "Net freight ton-miles," latest month plotted is September, 1925; August is latest plotied for "Ne freight ton-miles," while the curve on bank debits has been adjusted for normal seasonal variations and that on manufacturing production for the varying number of working days]


## BUSINESS INDICATORS

The following table gives comparative relative numbers for a selected list of important business movements. It is believed that this table will prove useful, because it separates out from the large mass of material a comparatively small number of items which are often regarded as indicative of business in general.

The table has been divided into two parts, the first containing those items for which relative numbers can be calculated, using 1913 as a base. The second part contains items for which comparable data back to 1913 are not available. This latter group of relative numbers is calculated by letting the 1919 monthly average equal 100 . Care should therefore be exercised in comparing the absolute value of the two sets of data. In either group, however, the upward or downward trend of the relative numbers, compared to previous months, does reflect the present tendency in each item and will give a basis for business judgment.

Where available at the time of going to press, November 15, October indicators have been included, thus bringing this table up to date. It should be noted that the charts on page 2 show September data as the latest plotted, except for freight ton-miles, which shows August.


## WHOLESALE PRICES IN OCTOBER

[Bars denote percentages of increase or decrease in the wholesale prices of specified commodities as compared with the same month of 1924 and 1923]


## WHOLESALE PRICE COMPARISONS

Notr.-Prices to producer on farm products and market price of wool are from J. S. Department of Agriculture, Bureau of Agricultural Economics; nonferrous metals Irom the Engineering and Mining Journal-Press. All other prices are from U. S. Department of Labor, Bureau of Labor Statistics. As far as possible all quotations represent prices to producer or at mill. See diagram on page 4.

| COMMODITIES | Unit | ACTOAL PRICE(dollars) |  |  | $\begin{gathered} \text { PRE CENT } \\ \text { ORCREASE }(+) \\ \text { OR DECREASE }(-) \end{gathered}$ |  | Relative price (1913 average $=100$ ) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | September, 1925 | $\begin{gathered} \text { October, } \\ 1925 \end{gathered}$ | $\begin{gathered} \text { October, } \\ 1924 \end{gathered}$ | October, September, 1925 | October, October 1924 | $\left\lvert\, \begin{gathered} \text { Sep- } \\ \text { tember, } \\ 1925 \end{gathered}\right.$ | $\begin{aligned} & \text { Octo- } \\ & \text { ber, } \\ & 1925 \end{aligned}$ | $\begin{aligned} & \text { Octo- } \\ & \text { ber, } \\ & 1924 \end{aligned}$ |
| FARM PRODUCTS-AVERAGE PRICE TO PRODUCERS |  |  |  |  |  |  |  |  |  |
| Wheat | Bushel.. | 1. 444 | 1. 364 | 1. 297 | -5. 5 | +5.2 | 182 | 172 | 164 |
| Corn | Bushel. | . 988 | . 830 | 1. 089 | -16.0 | -23.8 | 160 | 134 | 176 |
| Potatoes | Bushel.-. | ${ }_{\text {1 }} 1.211$ | 1.256 .215 | . 688 | +3.7 -4.4 | +82.6 +6.9 | 203 188 | 210 179 | 119 |
| Cottonseed | Ton... | 33.48 | 32.82 | 31.95 | -2.0 | +2.7 | 154 | 151 | 147 |
| Cattle, beef | Pound.- | . 0627 | . 0631 | . 0552 | +0.6 | +14.3 | 106 | 107 | 94 |
| Hogs.. | Pound... | . 1150 | . 1116 | . 0945 | -3.0 | +18.1 | 153 | 149 | 126 |
| Lambs. | Pound... | . 1195 | . 1204 | . 1035 | +0.8 | +16.3 | 196 | 197 | 170 |
| FARM PRODUCTS-MARKET PRICE |  |  |  |  |  |  |  |  |  |
| Wheat, No. 1, northern, spring (Chicago) | Bushel. | 1. 555 | 1. 549 | 1. 486 | -0.4 | +4.2 | 170 | 170 | 163 |
| Wheat, No. 2, red, winter (Chicago) | Bushel. | 1.667 | 1.635 | 1. 528 | -1.9 | +7.0 | 169 | 166 | 155 |
| Corn, contract grades, No. 2, cash (Chicago) | Bushel | . 917 | . 828 | 1. 105 | $-9.7$ | $-25.1$ | 147 | 132 | 177 |
| Oats, contract grades, cash (Chicago) | Bushel | . 398 | . 402 | .522 .908 | +1.0 -10.1 | -23.0 -18.2 | 106 | 107 119 | 139 145 |
| Rye, No. 2, cash (Chicago) | Bushel | . 883 | . 838 | 1. 275 | -5.1 | -34.3 | 139 | 132 | 200 |
| Tobacco, burley, good leaf, dark red (Louisville) | Cwt. | 25. 00 | 25.00 | 24. 50 | 0.0 | +2.0 | 189 | 189 | 186 |
| Cotton, middling upland (New York). | Pound | . 236 | . 220 | . 245 | $-6.8$ | -10.2 | 184 | 172 | 192 |
| Wool, $3 / 4$ blood combing, Ohio and Pennsylvania fleeces (Bosto | Pound. | . 50 | - 51 | ${ }^{-57}$ | +2.0 | -10.5 | 200 | 204 | 228 |
| Cattle, steers, good to choice, corn led (Chicago) | Cwt | 12. 438 | 11. 906 | 9. 50 | -4.3 | +25.3 +8.5 | ${ }_{154}^{146}$ | 140 | 112 |
| Hogs, heavy (Chicago) | Cwt. | 12.881 6.188 | 11.694 6.406 | 10.78 5.810 | $\begin{array}{r}\text { +9.2 } \\ +3.5 \\ \hline\end{array}$ | +8.5 +10.3 | 154 132 | 140 | 129 |
| Sheep, lambs (Chicago). | Owt. | 15.094 | 14.813 | 13.440 | -1.9 | +10.2 | 194 | 190 | 172 |
| FOOD |  |  |  |  |  |  |  |  |  |
| Flour, standard patents (Minneapolis) | Barrel... | 8. 310 | 8. 2633 | 8. 013 | -0.6 | ${ }_{+}^{+3.1}$ | 181 | 180 | 175 |
| Flour, winter straights (Kansas City) | Barrel....-. | 7.431 .043 | 7.410 .039 | 6.669 .060 | -0.3 -9.3 | ${ }_{-35.0}^{+11.1}$ | 193 | 193 110 | 173 <br> 172 |
| Sugar, granulated, in barrels (New York). | Pound...... | . 054 | . 050 | . 073 | -7.4 | $-31.5$ | 127 | 117 | 171 |
| Cottonseed oil, prime summer yellow (New York) | Pound. | . 107 | . 099 | . 113 | -7.5 | -12.3 | 147 | 136 | 155 |
| Beef, fresh carcass good native steers (Chicago) | Pound. | . 185 | . 185 | . 172 | 0.0 | +7.6 | 143 | 143 | 132 |
| Beel, Iresh steer rounds No. 2 (Chicago) | Pound | . 173 | . 160 | . 136 | -7.5 | +17.6 | 132 | 122 | 104 |
| Pork, smoked hams (Chicago). | Pound. | . 292 | . 283 | . 216 | -3.1 | +31.0 | 175 | 170 | 130 |
| CLOTHING |  |  |  |  |  |  |  |  |  |
| Cotton yarns, carded, white, northern, mulespun, 22-1 cones (Boston) | Pound. | . 423 | . 430 | . 449 | +1.7 | -4.2 | 171 | 174 | 181 |
| Cotton, print cloth, 27 inches, $64 \times 60-7.60$ yards to pound (Boston). | Yard.-.---- | . 067 | . 067 | . 066 | 0.0 | $+1.5$ | 194 | 194 | 192 |
| Ootton, sheeting, brown 4/4 Ware Shoals L. L. (New York) --.... | Yard.-...-- | . 106 | . 108 | . 103 | +1.9 | +4.9 | 172 | 176 | 168 |
| Worsted Yarns, 2/32's crossbred stock, white in skein (Boston) | Pound | 1. 650 | 1. 650 | 1. 750 | 0.0 | $-5.7$ | 212 | 212 | 225 |
| Women's dress goods, French, 35-36 inches at mills, serge..-. | Yard---- | . 800 | . 800 | . 775 | 0.0 | +3.2 | 254 | 254 | 246 |
| Suitings, wool, dyed blue, $55-56$ inches, 16 -ounce Middlesex (N. Y.) | Yard | 3. 600 | 3. 600 | 3. 690 | 0.0 | -2.4 | ${ }^{233}$ | 233 | ${ }_{158}^{239}$ |
| Silk, raw Japanese, Kansas No. 1 (New York)...-- -----. | Pound. | 6. 615 | 6. 664 | 5. 733 | +0.7 | +16.2 | 179 | 183 | 158 |
| Hides, green salted, packer's heary native steers (Chicago) | Pound. | . 177 | . 174 | . 163 | $-1.7$ | +6.7 | 96 | 95 | 88 |
| Hides, caliskins, No. 1 country, 8 to 15 pounds (Chicago) | Pound. | . 198 | . 200 | . 194 | $+1.0$ | +3.1 | 105 | 106 | 103 |
| Leather, chrome calf, dull or bright " B " grades (Boston) | Square foot. | . 460 | . 460 | . 460 | 0.0 | 0.0 | 171 | 171 | 171 |
| Leather, sole, oak, scoured backs, heavy (Boston) ....-- | Pound.. | . 460 | . 460 | . 445 | 0.0 | +3.4 | 103 | 103 | 99 |
| Boots and shoes, men's black calf, blucher (Massachusetts) | Pair---. | 6. 40 | 6. 40 | 6.25 | 0.0 | +2.4 | 206 | 206 | 201 |
| Boots and shoes, men's dress welt tan calf (St. Louis).... | Pair.-. | 5.15 | 5.15 | 4. 88 | 0.0 | $+5.5$ | 163 | 163 | 154 |
| FUEL |  |  |  |  |  |  |  |  |  |
| Coal, bituminous, mine run lump, Kanawha (Cincinnati) | Short ton.- | 3.49 | 3.39 | 3.39 | -2.9 | 0.0 | 159 | 154 | 154 |
| Coa, anthracite, chestnut (New York tidewater) | Long ton... | 11. 272 | 11. 284 | 11. 480 | +0.1 | -1.7 | 212 | 212 | 216 |
| Coke, Connellsville (range of prompt and future) furnace-at ovens | Short ton-- | 3. 70 | 6.53 | 3. 13 | +76.5 | +108.6 | 152 | 268 | 128 |
| Petroleum, crude, Kansas-Oklahoma-at wells.. | Barrel. | 1. 550 | 1. 600 | 1. 250 | +3.2 | +28.0 | 170 | 171 | 134 |
| METALS |  |  |  |  |  |  |  |  |  |
| Pig iron, foundry No. 2, northern (Pittsburgh) | Long ton... | 20.56 | 20.89 | 21.26 | +1.6 | -1.7 | 128 | 131 | 133 |
| Pig iron, basic, valley furnace- | Long ton...- | 18. 30 | 18.63 | 19.00 | +1.8 | -1.9 | 124 | 127 | 129 |
| steel, billets Bessemer (Pittsburgh) | Long ton.-. | 35. 00 | 34. 25 | 35. 75 | $-2.1$ | -4.2 | 136 | 133 | 139 |
| Copper ingots, electrolytic, early delivery (New York) | Pound. | . 144 | . 143 | - 129 | -0.7 | +10.9 | 94 | 94 | 85 |
| Lead, pig, delivered, for early delivery (New York) | Pound.... | . 0951 | . 0951 | . 0824 | 0.0 | +15.4 | 218 | ${ }_{127}^{218}$ | 189 |
| Tin, pig, for early delivery (New York) | Pound.- | . 564 | . 605 | . 500 | +7.2 | $+20.8$ | 127 | 137 | 113 |
|  | Pound. | . 0775 | . 0882 | . 0632 | +13.8 | +39.6 | 141 | 160 | 115 |
| BUILDING MATERIAL AND MISCELLANEOUS |  |  |  |  |  |  |  |  |  |
| Lumber, pine, southern, yellow flooring, $1 \times 4$, " $B$ " and better (Hattiesburg district) | M feet...... | 46.42 | 47. 41 | 40.31 | +2.1 | +17.6 | 202 | 206 | 175 |
| Lumber, Douglas fir, No. 1 , common, sis, $1 \times 8 \times 10$ (Washington) | M feot...... | 16. 50 | 16. 50 | 16. 50 | 0.0 | 0.0 | 179 | 179 | 179 |
| Brick, common red, domestic building (New York) --.---.............. | Thousand... | 14.75 | 14.75 | 14.00 | 0.0 | +5.4 | 225 | 5 | 213 |
| Cement, Portland, net without bags to trade, f. o. b., plant (Chicago district) $\qquad$ | Barrel. | 1.75 | 1.70 | 1.75 | -2.9 | -2.9 | 173 | 168 | 173 |
| Steel beams, mill (Pittsburgh) | Cwt...... | 1. 95 | 1. 95 | 2. 00 | $-0.0$ | -2.5 | 129 | 129 | 129 |
| Rubber, Para Island, fine (New York) | Pound. | . 590 | . 773 | . 262 | $+31.0$ | +192.0 | 73 | 96 | 33 |
| Sulphuric acid, $66^{\circ}$ (New York)....... | Cwt | . 70 | . 70 | . 70 | 0.0 | 0.0 | 70 | 70 | 70 |

EMPLOYMENT IN MANUFACTURING INDUSTRIES BY MAJOR GROUPS
[Drawn from data compiled by U. S. Department of Labor, and representing weighted indexes based upon number of wage earners in the respective industries in 1919. Average monthly employment $1923=100$. September, 1925 , is latest month plotted]


## BUSINESS SUMMARY

IIndex and relative numbers based on the 1919 monthly average as 100 -except unfilled orders which are based on the 1920 average-enable comparisons to be made of the relative condition of the several phases of business. The use of index and relative numbers is more fully explained on the inside front cover, and details of this summary are given in the table entitled "Indexes of Business," beginning on p. 24]

|  |  |  | 1924 |  |  | 1925 |  |  | pur cent increase $(+)$ or decrease (-) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1923 | 1024 | July | August | $\underset{\text { tember }}{\text { Sep- }}$ | July | August | Sep- | September, 1925 , from August, 1925 | September, 1925, from Sopt September, 192 |
| Production: <br> Manufacturing ( 64 commodities-Adjusted) ${ }^{1}$ $\qquad$ |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  | 119 | ${ }_{118}^{113}$ | 101 | 109 | 114 | 128 | 121 | 123 | +1.7 +307 | +7.9 +2.0 |
| Minerals. | 131 | 123 | 121 | 122 | 128 | 136 | 142 | 126 | $\underline{+11.3}$ | -1.6 |
| Animal products | 117 | 117 | 117 | 108 | 110 | 111 | 107 | 104 | -2.8 | -5. 5 |
| Crops-.- | 102 | 118 | 73 | 129 | 193 | 69 | 105 | 190 | +81.0 | $-1.6$ |
| Forest products | 121 | 119 | 111 | 124 | 119 | 125 | 131 | 129 | -1.5 | +8.4 |
| Electric power- | 144 | 152 | 142 | 146 | 148 | 165 | 166 | 166 | 0.0 | +12.2 |
| Building (awards-floor space)..- | 106 | 108 | 88 | 90 | 93 | 145 | 166 | 155 | -6. 6 | +66.7 |
| Stocks ( 45 commodities; seasonal adjustment) | 119 | 135 | 129 | 133 | 134 | 133 | 142 | 147 | +3. 5 | +9.7 |
| Unfilled orders (relative to 1920) ......-. | 74 | 52 | 44 | 46 | 46 | 51 | 52 | 52 | 0.0 | +13.0 |
| Sales (based on value) : Mail-order houses ( 4 houses) |  |  |  |  |  |  |  |  |  |  |
| Mail-order houses (4 houses) .-.....-...-- | 99 165 | 105 | 69 163 | 74 172 | 106 169 | 87 183 | 89 195 | 113 | +27.0 -2.1 | +6.6 +13.0 |
| Wholesale trade.-..---- | 83 | -82 | 163 78 | 83 | 92 | 83 | 87 88 | 95 | +9.2 | + +3.6 +3.3 |
| Department stores (359 stores) | 124 | 125 | 91 | 93 | 119 | 95 | 98 | 122 | +24.5 | +2.5 |
| Prices (recomputed to 1919 base): |  |  |  |  |  |  |  |  |  |  |
| Producers', farm products | 65 | 64 | 63 | 67 | 63 | 71 | 73 | 69 | $-5.5$ | +9.5 |
| Wholesale, all commoditie | 75 | 73 | 71 | 73 | 72 | 78 | 78 | 78 | 0.0 | +8. 3 |
|  | 78 94 | 78 95 | 77 94 | 77 95 | 79 95 | 86 98 | 86 98 | 85 98 | -1.2 0.0 | +7.6 +3.2 |
| Check pafments ( 141 cities-Seasonal adjustment) | 103 | 109 | 108 | 112 | 110 | 127 | 125 | 127 | +1.6 | +15.5 |
| Factory employment (1919 base) ---.--- | 93 | 84 | 79 | 79 | 81 | 82 | 83 | 84 | +1.2 | +3.7 |
| Transportation: |  |  |  |  |  |  |  |  |  |  |
| Net freight ton-mile operation_ | 115 | 108 | 100 | 110 | 118 | 115 | 126 | 125 | -0. 8 | +5.9 |
| Car loadings (monthly total) | 119 | 116 | 101 | 139 | 119 | 112 | 154 | 123 | -20. 1 | +3.4 |
| Net available car surplus (end of mo.)-- | 25 | 139 | 195 | 117 | 70 | 160 | 98 | 85 | -13.3 | +21.4 |

${ }^{1}$ See p. 28, Jan., 1925, issue (No. 41), for details of adjustment.

## COURSE OF BUSINESS IN SEPTEMBER

## GENERAL CONDITIONS

The production of manufactured commodities in September was 2 per cent greater than in the previous month and 8 per cent larger than a year ago. The output of raw materials was seasonally larger than in August but 2 per cent smaller than in September, 1924. Commodity stocks after adjustment for normal seasonal influences were 4 per cent larger than at the end of August and 10 per cent greater than a year ago, while manufacturers' unfilled orders on September 30 showed no change from the previous month but were 13 per cent greater than a year ago. Contracts awarded for new construction during September were smaller than in the preceding month but considerably above a year ago.

The volume of wholesale trade was 9 per cent larger than in August and 3 per cent greater than a year ago, while retail trade recorded similar advances over these two comparative periods. Check payments,
after adjustment for seasonal variations, were 2 per cent larger than in August and 16 per cent greater than a year ago, while car loadings were more than 3 per cent larger than in September, 1924.

Wholesale prices showed no change from the preceding month but were more than 8 per cent greater, on the average, than a year ago. Prices paid producers for their farm products were, on the other hand, 6 per cent lower than in the preceding month and 9 per cent higher than in September, 1924, while retail food prices and the cost of living, though higher than a year ago, were lower than in August. Factory employment continued to increase and both employment and pay rolls were 5 per cent greater than a year ago. Stock prices and interest rates both averaged higher. Business failures were smaller than in either the previous month or a year ago.

## SUMMARY OF INDEXES OF BUSINESS

## PRODUCTI ON

September production registered an increase of 2 per cent in manufacturing as compared with the previous month and 8 per cent as compared with September, 1924. All industrial groups, for which data are available, participated in the general increase over a year ago, except foodstuffs which registered an 8 per cent decline, while, as compared with August, September production was larger in all groups, except foodstuffs, lumber, and stone and clay products, which declined, and leather and paper and printing, which showed no change.

The production of raw materials was 31 per cent larger than in August and 2 per cent smaller than in September a year ago. All classes of commódities entering into this index declined from a year ago, except forest products, the increase in this group being insufficient to offset the declines in mineral production and in the marketings of crops and animal products.

The output of minerals was 11 per cent smaller than in August and 2 per cent smaller than a year ago, all classes of minerals participating in the decline from the previous month except bituminous coal and zinc, while as compared with September, 1924, the increases in the production of zinc, copper, iron ore, petroleum, and bituminous coal were insufficient to offset the declines in anthracite coal, lead, gold, and silver.

Animal marketings were 3 per cent smaller than in August and 6 per cent smaller than a year ago, the principal declines from the previous month occurring in the marketings of wool, cattle, eggs, fish, and milk. As compared with a year ago, all groups were marketed in smaller quantities except eggs, fish, and milk. Crop marketings were 81 per cent greater than in August but 2 per cent smaller than a year ago, the increased marketings of vegetables, fruits, cotton, and miscellaneous products being insufficient to offset a 35 per cent decline from September, 1924, in the marketings of grains.

RELATIVE PRODUCTION, STOCKS, AND UNFILLED ORDERS FOR MANUFACTURED COMMODITIES
[1920 monthly average $=100$. This chart shows stocks of manufactured commodities only, while adjustment has been made for both stocks and production for the respective seasonal movements. Unfilled orders are principally those for iron, stesl, and building materials. September, 1925, is latest month plottedj


The index of stocks of commodities held on September 30 , recorded an increase of 4 per cent over the preceding month and 10 per cent over a year ago after adjustment for normal seasonal conditions. As compared with the previous month all classes of commodities were held in larger quantities except manufactured goods, while, as compared with a year ago, larger stocks of commodities were held for all groups except manufactured foodstuffs.

Unfilled orders for basic materials, principally iron, steel, and building materials, showed no change from the previous month but were 13 per cent larger than a year ago. Unfilled orders for building materials, though 10 per cent smaller than at the end of August, were 12 per cent greater than a year ago, while iron and steel orders unfilled at the end of September were 6 per cent greater than at the end of August and 12 per cent larger than on September 30, 1924.

The index of wholesale trade was 9 per cent greater than for the previous month and 3 per cent higher than a year ago, increases over a year ago occurring in all classes except dry goods. As compared with the preceding month, wholesale trade in all lines was higher.

Retail trade, as measured by department-store sales, was 25 per cent larger than in August and 3 per cent greater than a year ago. Mail-order houses reported an increase of 27 per cent over the preceding month and 7 per cent over a year ago, while, with the exception of 10 -cent chains and drug chains, other chain-store systems had larger sales than in August. As compared with a year ago all types of chain stores had larger business.

## PRICES

On the whole, producers received less for their farm products in September than in August, but the general average was 9 per cent greater than a year ago. With the exception of prices for dairy products and poultry, all farm products were lower than in August, while with the exception of unclassified items, all prices were higher than a year ago, the greatest increases occurring in fruits and vegetables and meat animals.

The wholesale price index of the United States Department of Labor remained stationary for the third consecutive month but the general level was higher than a year ago. Declines from August in the prices of farm products, cloths and clothing, fuel and lighting, house furnishings, and miscellaneous goods were sufficient to offset increases in prices of food, building materials, and chemicals. As compared with last year, all groups registered increases with the
exception of metals and metal products and house furnishings. As regrouped by the Federal Reserve Board, this index shows a decline of 2 per cent in producers' goods and an increase of almost 1 per cent in consumers' goods from the quotations prevailing in August. Increases over a year ago in producers' goods of 1 per cent and in consumers' goods of 7 per cent may be compared with an increase in raw products of more than 9 per cent.

Commercial price-index numbers for October 1 exhibited practically the same conditions with respect to the previous month and a year ago. The cost of living declined almost 1 per cent from the previous month but was still 2 per cent above a year ago, the decline from the preceding month in the general index being due to decreased costs of food, shelter, and sundries.

## EMPLOYMENT

Factory employment in September was 1 per cent greater than in August and 5 per cent larger than a year ago, all industrial groups sharing in the increase over the previous month except textile and miscellaneous factories, which showed no change, while, as compared with last year, employment in tobacco factories and food factories was alone smaller. Factory pay rolls were 1 per cent smaller than in August and 5 per cent greater than a year ago, the principal declines from the preceding month occurring in the pay rolls of textile, iron and steel, leather, stone, clay and glass, and nonferrous metals factories, while, as compared with a year ago, declines in pay rolls were noted in food products, textile, and tobacco factories.

COMPARISON OF WHOLESALE AND RETAIL FOOD PRICE INDEX NUMBERS
WITH INDEX OF ALL COMMODITIES AT WHOLESALF
[U.S. Department of Labor index numbers. Relative prices, $1913=100$. September, 1925, is latest month plotted]


## REVIEW BY PRINCIPAL BRANCHES OF INDUSTRY AND COMMERCE

## TEXTILES

Receipts of wool at Boston declined seasonally from the previous month but were slightly larger than in September, 1924, due to larger receipts of foreign wool. For the first nine months of this year, Boston wool receipts were 4 per cent greater than for the corresponding period a year ago, an increase of 67 per cent in receipts of foreign wool more than offsetting a decline of 29 per cent in domestic receipts. Wool consumption by textile mills was 5 per cent greater in September than in the previous month, and about the same as a year ago. There were corresponding increases in the machinery activity of woolen mills for all classes of spindles and looms, except carpet and rug looms. Prices of raw wools showed a slight decline, both from the previous month and a year ago.

Cotton brought into sight during September increased seasonally from the previous month and was 26 per cent greater than in September, 1924. Imports of raw cotton were also much larger than for either the previous month or a year ago, while exports, which continued their seasonal increase over the previous month, were only slightly larger than in September, 1924. Cotton consumption by textile mills was larger in September than in August or a year ago. Spindle activity also increased over the previous month but in a somewhat smaller ratio than cotton consumption.

Raw Cotton Consumption and Exports
[September, 1925, is latest month plotted]


Stocks of raw cotton at mills and warehouses continued their. seasonal increase and were half again as large as at the end of September, 1924. The world visible supply of cotton also exceeded that of a year ago in about the same proportion.

Cotton-finishing establishments showed a substantial increase in business during September, both from the previous month and from September, 1924. Prices of raw cotton declined slightly from the previous month, although the price to producers was slightly greater than a year ago. Prices of cotton yarns and of cloth were slightly higher than in August.

Deliveries of silk from warehouses were less than in August but were 15 per cent greater than a year ago. Stocks at warehouses at the end of September, on the other hand, were much greater than at the end of the previous month and slightly larger than a year ago. Prices of raw silk increased from the previous month and averaged 22 per cent greater than in September, 1924.

Spindle Activity in Cotton Miles
[September, 1925, is latest month plotted]


IRON AND STEEL
Stocks of iron ore at the furnaces and on Lake Erie docks continued their seasonal increase and were almost as great as at the end of September, 1924. Shipments from the mines, on the other hand, declined from August, although exceeding those of a year ago. The consumption of iron ore and the production of pig iron were practically the same as for the previous month and were about one-third larger than for the corresponding month a year ago. The number and capacity of furnaces in blast increased over the previous month and September, 1924. The wholesale price of iron products averaged slightly higher than in August but was less than a year ago.

Steel-ingot production was slightly greater than in August and considerably greater than a year ago. Bookings of steel castings, on the other hand, declined from both periods, railroad specialties and miscellaneous castings each showing a smaller amount of new business. For the first nine months of 1925 steelingot production increased, while bookings of steel castings declined, from the corresponding period of last year. Unfilled orders reported by the United

States Steel Corporation showed an upward trend in September as compared both with the previous month and a year ago.

The sheet steel industry showed greater activity during September than for either the previous month or a year ago, production, shipments, sales, and unfilled orders increasing over both periods. Production, shipments, and stocks of steel barrels also exceeded those of either the previous month or September, 1924, and the unfilled orders, while declining from the previous month, also exceeded those of a year ago.

Sales of fabricated structural steel were slightly larger than in August while shipments were the same as in the previous month, both sales and shipments being considerably greater than in September, 1924. Bookings of fabricated steel plate, on the other hand, declined from the previous month, despite an increase in bookings of oil-storage tanks, but increased from a year ago. Orders for machine tools, while practically the same as in the previous month, greatly exceeded those of a year ago, and sales of mechanical stokers exceeded those of both prior periods, both in number and in horsepower.

duction of farm equipment by manufacturers during the past three years, as compiled by the Bureau of the Census in its annual tabulation of farm equipment manufacturers:

Farm Equipment Production and Sales

| CLASS AND year | Number of establish. ments | Production | manufacturers' sales |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | Domestic | For export |
| Total, all groups: | 949 | \$329, 170, 367 | \$283, 414, 229 |  |
| 1923 | 1,135 | 364, 854, 106 | 311,978, 047 | 49, 349, 294 |
| 1922 | 986 | 209, 639, 897 | 222, 907, 764 | 21, 663, 241 |
| Machinery for plowing, harrowing, rolling, planting, and cultivating: |  |  |  |  |
|  |  |  |  |  |  |  |
| 1923 |  | 58,670,026 | 52, 857, 538 | 6,755, 546 |
| Machinery for harvesting and haying: |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  | 45, 519, 015 | 27,007, 211 | 15, 768, 755 |
| 1923 |  | 41,781, 372 | 31, 050, 479 | 12,877, 557 |
| Machinery for preparing crops for market or use: |  |  |  |  |
|  |  |  |  |  |  |  |
| 1924.- | 176 | 23,695, 367 | 19,531, 667 | 2, 834, 092 |
| 1923 | 181 | 30,761, 122 | 22,918, 124 | 5, 838, 104 |
| Tractor and tractor engines: |  |  |  |  |
| 1924... | 62 | 88, 581, 125 | 79,924, 586 | 20,001, 231 |
| 1923 | 78 | 93,782, 550 | 77,418,955 | 14,681,512 |
| 1922 ..........-.-.-......-.- | 86 | 53, 242, 822 | 53,860, 771 | 6,680,948 |
| Horse-drawn vehicles, barnyard, and miscellaneous equipment: |  |  |  |  |
| 1924-.-....................... |  | 116, 387, 513 | 108, 756, 167 | 7,903, 934 |
| ${ }_{1922}$ |  | $\begin{array}{r}139,859,036 \\ 95 \\ \hline\end{array}$ | $127,730,951$ $101,601,917$ | $9,196,575$ $5,612,445$ |

The production of copper at the mines was slightly less and smelter output 5 per cent greater than in August. Shipments of refined copper also declined from the previous month but were half again as large as a year ago. Stocks of refined copper were slightly less and those of blister slightly greater than at the end of August. The wholesale price of electrolytic copper, while averaging slightly less than in August, was 11 per cent greater than a year ago.

Copprr Production and Exports
[September, 1925, is latest month plotted]


Stocks of tin were much smaller at the end of September than at the end of either the previous month or a year ago. Tin deliveries were slightly less than during August and considerably greater than in September, 1924. The wholesale price of tin showed little change from the previous month, but averaged 16 per cent greater than a year ago.

A decline in the production of zinc and in the shipments from the Joplin district was accompanied by a slight increase in the number of retorts in operation and by a considerable decline in stocks. Compared with a year ago production and shipments showed substantial increases. Prices averaged slightly greater than during August and were 25 per cent higher than a year ago.

A slight increase from August in shipments of lead ore from the Joplin district accompanied a slight decline in the production of lead. September prices of desilverized pig lead at New York averaged higher than for either the previous month or a year ago.

Relative Production and Stocks of Zinc
[1913 monthly average $=100$. September, 1925, is latest month plotted]


A small increase in the production of bituminous coal in September accompanied the shutdown in anthracite output. Prices both of bituminous and anthracite coal were slightly higher than for either the previous month or a year ago. The production of coke, both beehive and by-product, slightly exceeded that of the previous month and was considerably larger than a year ago. Coke prices continued to rise and were 18 per cent greater than for September, 1942.
Slight declines took place from August in production, stocks, imports, and consumption of crude petroleum, as well as in the number of oil wells completed, while the price averaged 10 per cent lower. Compared with September, 1924, production and consumption increased while imports and stocks declined.

Gasoline movements all declined from August, but for the other refined oils increases were made in most cases. Compared with a year ago, almost all movements of refined oils were larger, except prices.

Prodoction of Bituminous and Antrracite Coal
[September, 1925, is latest month plotted]


The output of automobiles increased, passenger-car output being 3 per cent greater and trucks almost 90 per cent greater than a year ago. For the first nine months of this year, passenger-car production in the United States was 7 per cent greater and truck production 30 per cent greater than in the 1924 period.

Passenger Automobile Production
[September, 1925, is latest month plotted. Cumulative curve shows production through September]


## RUBBER

1mports of rubber were 21 per cent less in September than in the previous month, being slightly less also than a year ago. For the first nine months of 1925, however, rubber imports exceeded those of the corresponding months of last year by 24 per cent. The price of rubber continued to fall, averaging 11 per cent less than in August but was more than two and onehalf times the price in September, 1924. Production and shipments of pneumatic tires and inner tubes also declined from the previous month while stocks of these commodities showed little change.

## HIDES AND LEATHER

Imports of hides were slightly less than in August, an increase of 40 per cent in imports of cattle hides being offset by decreases in calfskins, goatskins, and sheepskins. Compared with a year ago imports also declined, the only class showing an increase from September, 1924, being goatskins. Prices of cattle hides were slightly higher and those of calfskins slightly lower than for the previous month. The production of sole leather was less and the production of harness and skivers greater than for either the previous month or a year ago. Exports of sole leather also declined from both prior periods while exports of upper leather increased substantially.


The production of boots and shoes was 4 per cent larger during September than during the previous month but was less than a year ago.

## PAPER AND PRINTING

Production of mechanical wood pulp was greater than in August but less than a year ago. For chemical wood pulp, on the other hand, the converse was true, the September production being less than that of the previous month but greater than a year ago. Shipments of mechanical wood pulp in September exceeded those of both prior periods, while shipments of chemical wood pulp declined both from the previous month and from September, 1924.

Newsprint Paper Production and Mill Stoces

- [September, 1925, is latest month plotted]


The production, shipments, imports, and exports of newsprint paper exceeded those of August and of a year ago. Stocks at mills, however, declined from both prior periods. Production of book, wrapping, fine, and other paper declined from August but except for wrapping paper was greater than a year ago. Stocks of wrapping paper and of fine paper declined from both prior periods and those of book paper increased. For the first nine months of 1925 the production of all grades of paper was greater than for the corresponding months of last year, the percentage of increase varying from 2 per cent in the case of newsprint paper to 20 per cent in the case of fine paper.

The production of paper-board shipping boxes during September exceeded that of August by 3 per cent, the increase in the production of corrugated boxes more than offsetting a slight decline in the production of solid fiber boxes. Compared with a year ago, production was 20 per cent greater, both classes of boxes participating in the increase. Operating activity in the industry was likewise greater than for either the previous month or for a year ago. Shipments of rope-paper sacks were less and sales of abrasive paper and cloth greater than for either of the prior periods with which comparison is made.

## BUILDING CONSTRUCTION AND HOUSING

Industrial building costs were slightly lower than during either the previous month or for September, 1924. Material costs for houses, on the other hand, showed little change from the previous month, although declining from a year ago.

Contracts awarded for new construction in 36 States were considerably less both in floor space and in value than during August but were much larger than a year ago. The only classes of buildings which showed an increase from the previous month were industrial buildings which were much greater, both in square footage and in value, and educational buildings which showed a slightly higher value than in August. Compared with a year ago, awards were greater for all types of buildings with the single exception of educational buildings, for which the square footage was slightly less. For the calendar year thus far, awards exceeded those of the corresponding period of 1925 , both in square footage and in value, all types of buildings participating in the advance.

The smaller chart shows strikingly the course and composition of building since 1920 , it having been constructed with a view to showing the ratio between each major group and the total as adduced from building contracts awarded in 27 Northeastern States. The first point plotted covers the average for the 12 months ending January, 1921; the second point the 12 months ending February, 1921, etc. By this means it has been
possible to show the changes occurring since the present building wave set in.
Relative Proportion of Each Class in Total Butlding Awards


COMPARISON OF AUTOMOBILE PRODUCTION AND NEW BUILDING CONTRACTS
[September, 1925, is latest month plotted. Cumulatives for 1925 are through September]


Fire losses in the United States and Canada, while 9 per cent greater than in August, were 14 per cent less than in September, 1924. For the first nine months of this year fire losses exceeded those of the corresponding period of last year by 4 per cent.

## LUMBER

The production of most varieties of lumber showed a decrease from the previous month but an increase over September, 1924, exceptions to this being Douglas fir and North Carolina pine, which increased from August, and northern pine, which declined from a year ago. Shipments of Douglas fir, southern pine, North Carolina pine, and California white pine were larger than for either of the prior periods with which comparison is made. Shipments of California redwood and western pine, while declining from the previous month, were larger than in September, 1924, and shipments of northern pine were less than for the previous month or for a year ago. New orders for lumber were uniformly less than in August and, except for California redwood, were greater than in September, 1924. Changes in the stocks of lumber reported showed no uniform tendency, those for southern pine and for hardwoods being slightly less than in August, but greater than a year ago, while those of western pine and California white pine were greater than in August but less than a year ago. The composite lumber price, both for softwoods and hardwoods, exceeded that of the previous month despite a decline in the price of Douglas fir. Compared with a year ago, however, hardwoods were slightly lower and softwoods somewhat higher in price.

Plywood ${ }^{1}$
[In square feet of surface]

| MONTH, 1925 | Bookings | Shipments | Unfllled orders |
| :---: | :---: | :---: | :---: |
| April | 3, 610, 613 | 4,685, 524 | 4, 164, 782 |
| May | 3,678, 158 | 3, 980, 092 | 4,255, 887 |
| June. | 3,855, 390 | 4,420, 218 | 4, 440, 400 |
| July.. | 4,456, 689 | 4, 123, 987 | 5, 002, 599 |
| August | 5, 014, 010 | 4,179, 225 | 6, 416, 777 |
| September. | 4, 571, 384 | 4, 973, 545 | 6, 627,911 |

${ }^{1}$ Compilod by the Plywod Manufacturers Association from reports of 20 members (only 18 members in April), of which 2 or 3 report on shipments only. These data represent the business of building up veneers into plywood of from 3 to 8 thicknesses.
Details as to kinds of wood and nature of cores are shown in the association's report.

The production and shipments of maple flooring were greater and those of oak flooring less than for the previous month, although the production and shipments of both types of flooring considerably exceeded those of September, 1924. Bookings, unfilled orders, and stocks of flooring, on the other hand, declined from the previous month, though exceeding those of a year ago, except in the case of stocks of maple flooring, which were 10 per cent less than at the end of September, 1924. For the first nine months of the current year bookings and shipments of both kinds of flooring were considerably larger than
for the corresponding period of 1924; the production of oak flooring also exceeded that of last year, although the production of maple flooring was slightly lower.

The paving-brick industry exhibited diminished activity as compared with the previous month, declines in orders, production, and shipments being accompanied by an increase in cancellations. Stocks at the end of the month, however, were smaller than on August 31. Production, orders, shipments, and stocks were greater and unfilled orders less than for September, 1924.

Production, shipments, and stocks of Portland cement were less than in August, although greater than a year ago. For the year to date production exceeded the corresponding months of last year by 9 per cent and shipments by 10 per cent. Paving contracts awarded were slightly greater in September than in the previous month despite a considerable decline in contracts for paving roads. For the year to date total concretè-paving awards were 18 per cent greater and those for roads 15 per cent greater than for the corresponding period of last year. Bookings for architectural terra cotta were considerably larger, both in tonnage and in value, than for either the previous month or for a year ago.

Orders, shipments, and stocks of enameled sanitary ware were less than for August but greater than a year ago, all classes of sanitary ware participating in this movement with the exception of sinks, for which the orders and shipments exceeded those of the previous month, and of miscellaneous ware, for which the orders and shipments were less than a year ago.

## CHEMICALS AND OILS

Imports of potash exceeded and those of nitrate of soda were less than for either the previous month or a year ago.


## Acid Phosphate ${ }^{1}$

[Reduced to tons of 16 per cent available phosphoric acid, which is equivalent to 320 pounds per ton]

|  | August, 1925 | $\begin{aligned} & \text { September, } \\ & 1925 \end{aligned}$ | ${ }_{1924} \text { September, }$ |
| :---: | :---: | :---: | :---: |
| United States: |  |  |  |
| Production... | 285, 003 | 301, 348 | 260,777 |
| Stocks, end of month.-- | 1, 471, 305 | 1,473, 129 | 1,230, 052 |
| Consumption ${ }^{2}$-------.--- | 122,710 | 338,956 | 292, 158 |
| Northern States: ${ }^{\text {a }}$ |  |  |  |
| Production. | 105,836 | 92, 644 | 79, 286 |
| Stocks, end of month | 604, 244 | 424,753 | 428, 191 |
| Consumption ${ }^{2}$. | 92, 724 | 280, 747 | 247, 242 |
| Southern States: ${ }^{\text {a }}$ |  |  |  |
| Production. | 179, 167 | 208,704 | 181, 491 |
| Stocks, end of month.........- | 867, 061 | 1,048,376 | 801, 861 |
|  | 29,986 | 58,209 | 44,916 |

1 Compiled by the National Fertilizer Association from reports of acidulators representing about 80 per cent of the industry; figures in greater detail are obtainable
from the association. ${ }^{2}$ Figures computed by adding production to stocks at beginning of month and subtracting from this sum the stocks at the end of month, hence indicating disappearance or shipments from plants, and not, actually, fertilizer used.
${ }^{3}$ The south line of Virginia projected westward marks the division between the northern and southern States for the purposes of this report.

Price indexes of chemicals were, in general, higher than for either the previous month or for September, 1924, exceptions being in the price index for oils and fats, which declined from August, 1925, and in that of crude drugs, which was less than for September, 1924. Receipts of turpentine and rosin again declined from the previous month, those of turpentine being slightly less and those of rosin slightly greater than a year ago. Stocks of turpentine and rosin were considerably less than for either the previous month or for September, 1924.

The production of cottonseed oil and stocks of cottonseed and cottonseed oil continued to increase seasonally and were also much larger than a year ago. Receipts, shipments, and stocks of flaxseed at the two northern markets also continued their seasonal increases and were much greater than in September, 1924. The linseed market, as evidenced by shipments of linseed oil and cake from Minneapolis, was more active than during either August, 1925, or September, 1924, shipments of oil and cake during the first nine months of this year exceeding those of the corresponding period of 1924 by 51 per cent and 60 per cent, respectively.

## CEREALS

The visible supply of wheat, both in the United States and in Canada, continued to increase seasonally, although that in the United States was considerably less than a year ago. Trade in this commodity, as evidenced by the receipts and shipments at the principal markets, was more active during September than during the previous month but was considerably smaller than a year ago. Prices of wheat and wheat flour averaged slightly lower than during August but exceeded those of a year ago.

A decline in the receipts of corn at the principal markets was accompanied by a decline in prices as compared with August, 1925, and September a year
ago. The visible supply of corn was also less than for either of these prior periods. Receipts of oats also declined, both from the previous month and a year ago, this decline, however, being accompanied by a marked increase in the visible supply. Prices of oats were 4 per cent less than in August and 20 per cent less than a year ago. Receipts of barley in September exceeded those of the previous month by 25 per cent, while receipts of rye were almost three and a half times as great as in August. Compared with last year September receipts of barley were 7 per cent greater and those of rye 54 per cent less. Prices of barley and of rye averaged less than in either the previous month or in September, 1924.

Trade in rice continued to advance seasonally but was not as large as a year ago. Stocks; however, were almost as great as at the end of September, 1924. Carlot shipments of apples, potatoes, and onions were greater and those of citrus fruits less than for either the previous month or a year ago.

## MEATS AND DAIRY PRODUCTS

Receipts and slaughter of cattle and calves were less than for either the previous month or for September, 1924. Shipments, on the other hand, due to the seasonal increase in demand for stocker and feeder cattle, increased from August, although they were considerably less than a year ago. Total receipts of cattle for the first nine months of this year were slightly in excess of those for the corresponding months of 1924, the increase in cattle and calves slaughtered more than offsetting the decline in shipments. Prices of cattle showed comparatively little change from the previous month, there being a small advance in the price of corn-fed cattle and a decline in that of No. 2 beef steers. Cattle prices were considerably higher, however, than a year ago.

The movement and slaughter of hogs was considerably larger during September than during the previous month but was less than a year ago. Receipts of hogs at primary markets for the first nine months of 1924 were 19 per cent short of last year's total. Cold-storage holdings of pork products were also considerably smaller than at the end of either the previous month or of September, 1924. Prices of hogs and of pork products declined slightly from the previous month but were considerably higher than at this time last year.
The movement of sheep was heavier than during the previous month but was 13 per cent less than a year ago. Local slaughtering at the primary markets, however, declined slightly from August and the coldstorage holdings at the end of September were less than for either the previous month or a year ago. Prices of ewes averaged slightly less and those of lambs slightly greater than in August, both classes being higher in price than a year ago.

Poultry receipts at five markets were larger than in August but less than a year ago, while cold-storage holdings declined from the previous month, but exceeded those of September, 1925. Cold-storage holdings of fish, on the other hand, increased seasonally from the previous month and were almost as large as a year ago.

A decline, both in the receipts and cold-storage holdings of butter, as compared both with the previous month and with September, 1924, was accompanied by an increase in price from both prior periods. Total receipts of butter for the year to date were 5 per cent less than for the corresponding months of last year. Receipts of cheese, while less than in August, exceeded those of a year ago. The total receipts for the year to date were also in excess of last year and the cold-storage holdings at the end of September were larger than those at the end of either the previous month or of September, 1924. The price of cheese, while remaining the same as in August, was 19 per cent higher than a year ago. Receipts of eggs declined seasonally from August but were slightly larger than a year ago. Cold-storage holdings also declined seasonally but exceeded those at the end of last September.

Relative Receipts of Butter, Cheese, and Eggs at Primary Markets


Meltings of sugar increased over August and were also larger than in September, 1924. The meltings for the first nine months were 8 per cent greater than for the corresponding months of last year.

Stocks of sugar at the refineries, while 20 per cent less than at the end of August, were greater than a year ago. Prices of sugar showed little change from August but were considerably less than a year ago. A decline in the receipts of raw sugar at Cuban ports was accompanied by an increase in exports, which resulted in a 28 per cent decline in stocks at the end of September as compared with the previous month. Cuban stocks of sugar, however, were more than double those reported at this time last year. Exports of Cuban sugar up to the end of September were 15 per cent, or 500,000 tons, greater than for the corresponding months of last year.


Imports of coffee during September exceeded those for either the previous month or a year ago. For the first nine months of this year, however, imports fell 12 per cent short of those in the corresponding period of last year. The visible supply of coffee was also less than for either the previous month or a year ago. Clearances of Brazilian coffee for the United States declined from August and were slightly less than for September, 1924. Imports of tea, on the other hand, exceeded those of either the previous month or a year ago, total imports for the first nine months of 1925 being 9 per cent greater than for the corresponding months of last year.

## TOBACCO

The consumption of tobacco, as shown by the taxpaid withdrawals from warehouses, exceeded that of the previous month but except for cigarettes was less than in September, 1924. For the first nine months of 1925 the consumption of cigarettes was greater and that of cigars and other tobacco less than for the corresponding period of last year.

Exports of cigarettes were considerably less and those of unmanufactured leaf considerably greater than for either the previous month or a year ago. For the year to date, however, exports of unmanufactured tobacco were 30 per cent less than for the corresponding months of last year, while exports of cigarettes showed a decline of 24 per cent. Sales of loose-leaf tobacco at warehouses increased seasonally
andwere much larger than a year ago. Prices, however, showed little change from either period.

Relative Consumption of Cigarettes and Cigars [1913 monthly average $=100$. September, 1925, is latest month plotted]


The total tonnage of vessels completed during September was two and one-half times that of the previous month, due to the very much larger tonnage of steel-seagoing vessels, but was less than that reported for September, 1924. For the first nine months of 1925 the tonnage of new vessels was slightly less than that of last year despite an increase in the tonnage of seagoing vessels completed during 1925.

## RAILROADS

Loadings of freight cars showed a decline from August, owing to the latter data comprising a five-week period. Loadings increased over a year ago, but grain, livestock, and fuel loadings were less. For the year to date carloadings were 6 per cent greater than for the corresponding period of last year, all classes except grain and livestock increasing over last year.

The number of surplus cars declined during September. Surplus coal cars, however, existed in much larger numbers than in August and were somewhat
higher than a year ago. Bad-order cars were fewer on September 30 than at the end of either prior period. Shipments of locomotives by the principal manufacturers were less than for either the previous month or a year ago, due to the falling off in domestic shipments. For the year to date total locomotive shipments were 23 per cent less than last year despite an increase in the shipments abroad. Unfilled orders, however, increased from the previous month and were only 6 per cent less than at the end of September, 1924.

Shortage, Surplus, and Bad-Order Freight Cars
[September, 1925, is latest month plotted[


DISTRIBUTION MOVEMENT
Sales by the leading mail-order houses showed the customary seasonal increases and were also substantially greater than at this time last year. Ten-cent-store chain sales, however, showed little change from the previous month, although they ranged from 10 to 20 per cent greater than a year ago. For the first nine months of 1925 mail-order and 10 -cent chain store sales were from 11 to 15 per cent greater than for the corresponding months of last year.

LOCOMOTIVE SHIPMENTS AND UNFILLED ORDERS
[September, 1925, is latest month plotted]


Sales by Matl-order Houses and 10 -cent Chain Stores [September, 1925, is latest month plotted]


National Advertising in Newbpapers
(Number of lines for 44 identical cities)

|  | June | July | August | September |
| :---: | :---: | :---: | :---: | :---: |
| Total | 24, 030, 002 | 18,933, 978 | 20, 379, 631 | 24, 668, 100 |
| Automobile advertising | 3,299, 019 | 3,849, 085 | 6,275, 985 | 5, 246, 217 |
| Automobile accessories. | 1,749,082 | 1, 382, 178 | 1,244, 408 | 1, 488, 319 |
| Cigars, cigarettes, and tobacco. | 1,210, 447 | 1,331, 776 | 1, 048, 335 | 891,552 |
| Financial. | 1,074, 855 | 996, 762 | 653, 293 | 902, 680 |
| Food, groceries, beverages | 4, 269, 249 | 3,971, 791 | 2,602, 860 | 2,922, 431 |
| Hotels and resorts | 952, 702 | 883, 297 | 464, 355 | 221,432 |
| Household furniture | 425, 731 | 204,856 | 425,846 | 1,037, 279 |
| Men's clothing. | 506, 933 | 208, 872 | 74,563 | 393,280 |
| Musical instruments..............-. | 106, 665 | 38,370 | 49,372 | 69,341 |
| Radio and electrical.......-.........- | 406, 587 | 292, 397 | 312, 430 | 743,807 |
| Railroads and steamships .-....-- | 2,530, 307 | 2,010,835 | 1, 570, 418 | 1, 474,620 |
|  | 246, 211 | 132, 712 | 42,479 | 243,691 |
| Toilet articles and medical preparations. | 3,561, 249 | 3,367,983 | 2,090, 192 | 3,843,537 |
| Women's wear | 84,467 | 34,003 | 31, 204 | 236, 496 |
| Miscellaneous | 3, 606, 498 | 229, 061 | 2, 593,891 | 4, 696,639 |

September magazine and newspaper advertising exhibited the usual fall increases and were each in excess of last year's figures. Postal receipts both at the largest cities and at other centers were substantially greater than for August and were 10 per cent greater than a year ago. Delinquent accounts as reported by the electrical trade, on the other hand, were considerably less than a year ago.

## LIFE INSURANCE

New insurance issued during September was somewhat smaller, both in number of policies and in the amount of insurance, than that issued during August but was considerably greater in both respects than in September of last year, all types of policies showing the same general tendency. For the year to date, however, the number of new policies was 11 per cent greater and the amount 20 per cent greater than for the corresponding period of last year. Premium collections also declined from August but increased from a year ago. Geographically the decline in ordinary life insurance sales from August was about equally divided, the smallest declines from the previous month, however, and the largest increases from a year ago, being shown in the South.

Sales of Ordinary Life Insurance, by Geographical Districts


BANKING
Check payments for New York City and for the country outside were each 5 per cent greater than in August and were 17 and 14 per cent larger, respectively, than in September, 1924. Cumulative figures showed a 19 per cent gain for New York City and a 12 per cent gain for the country outside New York. During September the Federal reserve banks reported larger deposits, a greater amount of bills discounted, larger total investments, and an increase in notes in circulation, as compared with the previous month. Total reserves, however, declined slightly and the reserve ratio fell to 72.5, the lowest point it has reached since 1922.

Bills Discounted and Total Investments of Federal Reserve Banks
［September，1925，is latest month plotted］


Member banks also reported an increase in loans， and discounts and in deposits but showed a decline from the previous month in investments．Compared with September，1924，Federal reserve banks showed a slight increase in deposits，a very large increase in bills discounted，but a smaller amount of notes in circulation，investments，and reserves，while member banks showed increases in deposits，loans，and in－ vestments．

Interest rates at New York on call loans averaged higher than in August and were more than double those of a year ago．Rates on commercial paper also increased slightly from the previous month and were one－third greater than in September， 1924.

Corporation Profits ${ }^{1}$
（In millions of dollars）

| year |  | industrial |  |  |  |  |  |  |  | RAILROAD ANDTELEPHONE |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \text { 㖪 } \\ & \hline \end{aligned}$ |  | $\begin{aligned} & \underset{\#}{\Psi} \\ & \underset{\sim}{2} \end{aligned}$ | 7 | $\begin{aligned} & \text { 若 } \\ & \text { H } \end{aligned}$ |  |  |  |  |  | 吕 |
| Number of corpora－ | 365 | 102 | 17 | 14 | 13 | 13 | 15 | 11 | 19 | 263 | 193 | 70 |
| 1923 | 1，613 |  |  |  | 64 |  |  |  | 34 |  | 979 |  |
| First quarter． | 338 | 117 | 38 | 27 | 18 | 12 | 10 | 4 | 8 | 221 | 185 | 36 |
| Second quarter．－ | 451 | 154 | 47 | 47 | 22 | 13 | 11 |  | 8 | 297 | 262 | 35 |
| Third quarter．－ | 432 | 125 | 30 | 43 | 16 | 12 | 10 | 5 | 9 | 307 | 277 | 30 |
| Fourth quarter－ | 392 | 102 | 20 | 46 | 8 | 11 | 5 | 3 | 9 | 290 | 255 | 35 |
| 1924 |  |  |  |  |  |  |  |  |  |  |  |  |
| he year．．．－ | 1，563 | 425 | 98 | 115 | 79 | 50 | 35 | 18 | 30 | 1，138 | 987 | 151 |
| First quarter－－－－－ | 378 | 140 | 34 | 46 | 26 | 11 | 9 | 5 | 9 | ${ }^{238}$ | 203 | ${ }^{35}$ |
| Second quarter－ | 332 | 107 | 22 | 30 | 20 | 13 | 9 | 5 | 8 | 225 | 188 | 37 |
| Third quarter－－－ | 410 | 87 | 20 | 18 | 18 | 14 | 8 | 4 | 5 | 323 | 287 | 36 |
| Fourth quarter－－ | 443， | 91 | 22 | 21 | 15 | 12 | 9 | 4 | 8 | 352 | 309 | 43 |
| 1925 |  |  |  |  |  |  |  |  |  |  |  |  |
| Half year． | 823 | 295 | 98 | 68 | 48 | 26 | 24 | 11 | 20 | 528 | 438 | 90 |
| First quarter．． | 376 | 128 | 37 | 34 | 20 | 11 | 12 | 5 | 9 | 248 | 204 | 44 |
| Second quarter－－ | 447 | 167 | 61 | 34 | 28 | 15 | 12 | 6 | 11 | 280 | 234 | 46 |

${ }^{1}$ Data from the Federal Reserve Bank of New York．
Business failures in September were less both in number and in the amount of liabilities than in August，all classes of firms participating in the decline in the number except manufacturing establishments， while an increase in the amount of liabilities was
reported by trading establishments and by agents and brokers．The number of commercial failures， however，was greater and the liabilities reported less than in September，1924．For the first nine months of 1925，a greater number of firms failed，but the liabilities of such firms were considerably less than for the corresponding months of last year．Manufac－ turing establishments showed declines in both respects， while trade establishments and agents and brokers showed increases．

Loans，Discounts，and Total Investments of Federal Reserve Member Banks
［September，1925，is latest month plotted］


New securities were issued in somewhat larger amounts in September than in the previous month but fell considerably short of the amount of such issues a year ago．For the year to date，however， the amount of new security issues was 18 per cent greater than for the first nine months of last year． New incorporations，on the other hand，were very much less in September than in August，but were 20 per cent greater than a year ago．The capitalization of such incorporations during the first nine months of 1924，however，was more than one－third greater than during the corresponding months of last year．

Number of Business Failures and Defaulted Liabilities
［September，1925，is latest month plotted］


Prices of stocks and bonds averaged slightly higher during September than during the previous month and were considerably higher than a year ago．Sales
of stocks on the New York Stock Exchange also increased over both periods, while sales of bonds were
greater than in the previous month despite a decline in the amount of Government bonds sold.

COMPARISON OF WHOLESALE PRICES AND STOCK PRICES


GOLD AND SILVER
An increase in the exports of gold from the previous month and from a year ago was accompanied by a decline from the above periods in imports. A further decline took place in the gold receipts at the United States mint, September receipts being 11 per cent less than those for the previous month and 27 per cent less than for a year ago, and the cumulative receipts for the first nine months of 1925 being 4 per cent less than for the corresponding months of last year. The Rand output also declined slightly, both from the previous month and September, 1924, its cumulative output being 2 per cent less than for the nine months total of 1924.

Silver production showed a further decline, being 6 per cent less than in August and 16 per cent less than

Gold: Showing Excess of Imports and Exports
[September, 1925, is latest month plotted].

a year ago, while on the cumulative basis production was 1 per cent less than in 1924. Imports and exports of silver also declined both from the previous month and from September a year ago, the cumulative imports being 12 per cent less than in 1924. A slight further advance in price occurred.

## FOREIGN EXCHANGE AND TRADE

Outside of large increases in the rates on Italy and Brazil, and a decrease of 2 per cent on Belgium, exchange, rates showed little change from the previous month. Except for the Latin countries of Europe, the principal exchanges were all higher than a year ago, the chief increases being in the Latin American and Indian currencies.

Imports increased 3 per cent over August and 22 per cent over a year ago, while exports were 11 per cent greater than in August but 2 per cent less than in September, 1924. For the first 9 months of the
year, imports and exports increased 12 to 15 per cent over the 1924 period.

Imports and Exports of Merchandise
[September, 1925, is latest month plotted]


WHOLESALE PRICES OF NAVAL STORES ${ }^{1}$

${ }^{1}$ Data from U. S. Department of Labor, Bureau of Labor Statistics, and represent average prices in the New York market. Quotations for rosin cover grades common to good.

## WHOLESALE PRICES OF WOMEN'S DRESS GOODS ${ }^{1}$

| Month | 1915 | 1916 | 1917 | 1818 | 1919 | 1920 | 1921 | 1922 | 1923 | 1924 | 1825 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Dollars per yard |  |  |  |  |  |  |  |  |  |  |
| January. | 0.301 | 0.325 | 0. 558 | 0.873 | 0.922 | 1. 055 | 0.946 | 0.650 | 0.725 | 0.775 | 0.784 |
| February | . 301 | . 374 | . 558 | . 873 | . 922 | 1. 085 | . 725 | . 650 | . 738 | . 775 | . 800 |
| March..- | . 315 | . 374 | . 558 | . 873 | . 752 | 1. 085 | . 725 | . 650 | . 750 | . 775 | . 800 |
| April.. | . 315 | . 374 | . 606 | . 873 | . 752 | 1.085 | . 725 | . 650 | . 750 | . 775 | . 800 |
| May. | . 315 | . 374 | . 655 | . 873 | . 825 | 1. 085 | . 725 | . 650 | . 750 | . 775 | . 800 |
| June. | . 315 | . 398 | . 655 | . 907 | . 825 | 1. 085 | . 725 | . 650 | . 750 | . 775 | . 800 |
| July... | . 315 | . 422 | . 728 | . 907 | . 871 | 1.085 | . 725 | . 650 | . 750 | . 775 | . 800 |
| August | . 315 | . 461 | . 849 | . 907 | . 970 | 1.085 | . 725 | . 650 | . 750 | . 775 | . 800 |
| September | . 315 | . 485 | . 849 | . 907 | . 970 | 1.085 | . 725 | . 650 | . 750 | . 775 |  |
| October-. | . 315 | . 485 | . 849 | . 922 | .972 .019 | 1. 085 | . 660 | . 655 | . 775 | . 775 |  |
| Necember.. | .325 .325 | . 5094 | . 849 | . 9222 | 1.019 1.019 | 1.085 | . 650 | . 725 | . 775 | . 775 |  |

[^0]
## VISIBLE SUPPLY OF OATS AND BARLEY ${ }^{1}$

| Monti | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1918 | 1820 | 1921 | 1922 | 1923 | 1924 | 1925 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Thousands of bushels |  |  |  |  |  | OATS |  |  |  |  |  |  |
| January | 12, 283 | 29,434 | 39, 048 | 24, 317 | 46,837 | 15,359 | 34, 436 | 13, 120 | 36,958 | 71, 602 | 33, 165 | 18,712 | 77, 579 |
| February | 16,041 | 25,999 | 37, 477 | 22, 738 | 40,883 | 15, 360 | 31, 267 | 11,970 | 37, 391 | 74, 384 | 29,937 | 19,011 | 76, 519 |
| March | 17,058 | 23,875 | 30,477 | 22, 302 | 38, 251 | 19,897 | 26, 098 | 10, 203 | 37,042 | 68,920 | 26, 180 | 17, 739 | 67, 509 |
| April. | 11, 570 | 15,129 | 25,772 | 16, 321 | 31, 412 | 24, 075 | 23,740 | 8,577 | 33, 429 | 59,538 | 23, 585 | 11, 568 | 50, 995 |
| May | 10, 016 | 10, 275 | 14,915 | 17,993 | 18,957 | 22,672 | 17,690 | 7,028 | 30,462 | 50,917 | 14,492 | 7,427 | 37,520 |
| June | 16,778 | 8,891 | 5, 298 | 14, 658 | 10, 429 | 14,994 | 19,747 | 4,200 | 37, 399 | 44, 610 | 9, 234 | 6,322 | 37,530 |
| July. | 19,652 | 8,062 | 2,070 | 11, 582 | 8,829 | 10, 081 | 21, 133 | 4,398 | 42,148 | 38, 224 | 6,138 | 3,922 | 28, 020 |
| August | 29, 294 | 24, 452 | 3,975 | 31, 512 | 8,088 | 22,090 | 21, 234 | 9,532 | 65,475 | 40, 073 | 10,962 | 13,210 | 54, 715 |
| September | 37,310 | 31,913 | 17,452 | 44, 218 | 16,878 | 30, 277 | 22,708 | 30,983 | 71, 154 | 37,458 | 18, 510 | 50,690 | 69, 960 |
| October- | 37,048 | 37, ${ }^{3742}$ | 18,909 | 51, 330 | 20, 680 | 26, 859 | 22, 475 | 37,939 | 74, 782 | 36,461 |  | 71, 157 |  |
| November--....... | 35,453 32,386 | 38,636 38,269 | 25, 248 25,126 | 53,313 53,645 | 20,956 19,737 | 33,294 37,473 | 19,124 | 37,269 36,096 | 72, 752 | 34, 887 | 19,858 21,350 | 71,997 |  |
|  | Thousands of bushels BARLEY |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 5,954 | 8,199 | 7,542 | 6,266 | 7,050 | 5,224 | 10, 237 | 3,599 | 2,983 | 2,689 | 2,996 | 2,495 | 3,939 |
| February | 5,868 | 7,267 | 6,222 4,670 | 6,875 5 5 | 6,390 | ${ }^{5}, 741$ | 10,742 | 3,415 3 3 | 2,619 | 2,022 | 2,704 | 1,764 | 3,850 |
| March | 5,931 3,687 | 6,372 3,368 | 4, 670 3,162 | 5,700 4,733 | $\underset{5,063}{6,253}$ | 6,428 5,989 | 12,421 15,393 | 3,428 3,629 | 2,420 1,956 | 1, 1,683 | 2,600 2,344 | 1, ${ }_{849}$ | 3,834 2,773 |
| May. | 2,800 | 2,647 | 1,865 | 3,569 | 2,466 | 3, 575 | 10, 179 | 3,484 | 1,773 | 1,310 | 1,284 | 768 | 1,809 |
| June | 2,904 | 2,181 | 1, 142 | 3,280 | 1,951 | 2,122 | 11, 030 | 2,795 | 1,782 | 1,681 | 1,163 | 471 | 1,657 |
| July... | 2,115 | 1,538 | ${ }_{732}$ | $\stackrel{2}{2,342}$ | 1,703 | 1,087 | 9,528 | 3,061 | 2,226 3,818 | , 819 | 1,838 | 293 | 1,099 |
| August. | 2,302 | 2,003 | 732 | 2,841 | 3,746 | 2,085 | 7,352 | 2,387 | 3,818 | 1,469 | 1,642 | 863 | 3,367 |
| September. | 5,182 | 6,207 | 3, 841 | 4, 450 | 6,067 |  |  |  |  | 2,224 | 2,935 | 4,700 | 6,036 |
| October- | 7,052 | 7,246 | 4, 656 | 6, 248 | 6,416 | 4,088 | 4,860 | 3,723 <br> 3 <br> 3 | 4,223 | 2,770 | 3,310 3 |  | -.-.- |
| November December | 8,027 | 8,563 7,296 | 7,345 7,151 | 7,345 6,831 | 5,643 5,066 | 6,597 7,555 | 3,235 3,500 | 3,700 4,186 | 3,557 $\mathbf{2 , 9 5 3}$ | 2,753 3,142 | 3,148 3,259 | 5,481 5,282 |  |

${ }^{1}$ Data from Bradstreet's representing stocks carried on Saturday nearest end of month at terminals, elevators, warehouses, docks, etc.
MANUFACTURERS' STOCKS OF POWDERED MILK

${ }^{1}$ Data from U. S. Department of Agriculture, Bureau of Agricultural Economics, covering stocks of powdered milk derived from whole milk, skim milk and unskimmed milk as of the end of the month.

## INDEXES OF BUSINESS

The index numbers presented in this table are designed to show the trend in production, prices, trade, etc., in various groups of industry and commerce. They consist in general of weighted combinations of series of individual relative numbers; often the individual relative numbers making up the series are also given. The function of index and relative numbers is explained on the inside front cover. A condensed form of this table is given on page 7.


* Fluctuations between marimum and minimum due largely to seasonal conditions.

INDEXES OF BUSINESS-Continued

|  | $\begin{gathered} \text { Maxi- } \\ \text { mixm } \\ \text { mince } \\ \text { Jind } \\ \text { 1920 } \end{gathered}$ | $\begin{gathered} \text { Mini- } \\ \text { Minin } \\ \text { mince } \\ \text { Jan. } \\ \text { anco } \end{gathered}$ | 1924 |  |  | 1925 |  |  | $\begin{aligned} & \text { PER CENTINCREASE ( } \\ & \text { OR DECREASE }(-) \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Joly | August | Sep- | July | August | ( Sep- | September, 1925, from August, 1925 | September, 1925, from September 1924 |
| stocks <br> (Relative to 1919 monthly average as 100) (Corrected for seasonal variation) | 155 |  | 129 | 133 | 134 | 133 |  | 148 |  |  |
| Raw foodstufs | 233 | 73 | 145 | 156 | 145 | 149 | 158 | 148 | +4.2 +1.2 | +10.4 +10.3 |
| Raw materials for manufacture | 189 | 89 | 95 | 100 | 118 | 104 | 124 | 161 | +29.8 | +36. 4 |
| Manufactured foodstuffs...- | 115 | 58 | 89 | 87 | 90 | 83 | 78 | 79 | +1.3 | -12.2 |
| Manufactured commodities | 175 | 86 | 161 | 164 | 165 | 171 | 183 | 177 | $-3.3$ | +7.3 |
| Total (Unadjusted index) |  |  |  | 120 |  |  |  |  |  |  |
| Total----------- | 162 | 84 70 | 112 | 114 | 119 | 125 | 1125 | 139 133 | +11.2 +12.7 | +9.4 +11.8 |
| Raw materials for manufact | 187 | 68 | 82 | 83 | 116 | 87 | 93 | 159 | +71.0 | +37.1 |
| Manufactured foodstuffs..- | 115 | 56 | 100 | 102 | 100 | 91 | 91 | 87 | -4.4 | -13.0 |
| Manufactured commodities. | 175 | 89 | 164 | 159 | 157 | 172 | 171 | 167 | $-2.3$ | +12.7 |
| UNFILLED ORDERS (Relative to 1020 monthly averages as 100) (Iron, Steel, and Building Materials) |  |  |  |  |  |  |  |  |  |  |
| Total (8 commodities) | 116 | 40 | 44 | 46 | 46 | 51 | 52 | 52 | 0. 0 | +13.0 |
| Iron and steel...- | 112 | 32 | 31 | 32 | 34 | 36 | 36 | 38 | $+5.6$ | +11.8 |
| Building materials | 153 | 25 | 96 | 107 | 97 | 113 | 121 | 109 | -9.9 | +12.4 |
| WHOLESALE TRADE (Relative to 1919 monthly average as 100 ) (Distributed by Federal Reserve Districts) |  |  |  |  |  |  |  |  |  |  |
| Grand total, all classes | 126 | 60 | 78 | 83 | 92 | 83 | 87 | 95 | +9.2 | +3.3 |
| Hardware ( 10 districts) | 129 | 59 | 93 | 93 | 106 | 99 | 97 | 109 | +12.4 | +2.8 |
| Shoes (8 districts) | 136 | 43 | 44 | 56 | 69 | 45 | 65 | 73 | +12.3 | +5.8 |
| Groceries (11 districts) | 135 | 62 | 83 | 83 | 93 | 85 | 83 | 94 | +13.3 | +1. 1 |
| Drugs (7 districts) | 133 | 88 | 110 | 107 | 117 | 111 | 108 | 120 | +11. 1 | +2. 6 |
| Dry goods (8 districts) | 150 | 58 | 79 | 102 | 116 | 85 | 105 | 112 | +6. 7 | -3.4 |
| Meats ....--------.-. | ${ }^{1} 82$ | 46 | 67 | 68 | 71 | 79 | 78 | 82 | +5.1 | +15.5 |
| RETAIL TRADE <br> (Reiative to 1919 monthly average as 100) |  |  |  |  |  |  |  |  |  |  |
| Mail-order Hodses (4 houses) Chain Stores: | 148 | 49 | 69 | 74 | 106 | 87 | 89 | 113 | +27.0 | +6. 6 |
| Ten-cent ( 5 chains) | 366 | 84 | 163 | 172 | 169 | 183 | 195 | 191 | $-2.1$ | +13.0 |
| Music (4 chains).. | 214 | 55 | 72 | 91 | 110 | 104 | 128 | 136 | +6.3 | +23.6 |
| Grocery ( 27 chains) | 259 | 119 | 206 | 201 | 210 | 259 | 241 | 243 | +0.8 | +15.7 |
| Drug (9 chains) | 187 | 109 | 148 | 152 | 145 | 166 | 171 | 169 | $-1.2$ | $+16.6$ |
| Cigar (3 chains) | 193 | 106 | 128 | 138 | 137 | 136 | 142 | 142 | 0. 0 | $+3.6$ |
| Candy (5 chains) | 282 | 109 | 177 | 180 | 189 | 181 | 202 | 202 | 0.0 | +6.9 |
| Shoe ( 6 chains) | 186 | 72 | 113 | 108 | 124 | 122 | 120 | 129 | $+7.5$ | +4.0 |
| Department Stores: Sales (359 stores) |  |  |  |  |  |  |  |  |  |  |
| Sates (359 stores) | 151 | 100 | 121 | 93 126 | 119 | - 124 | 98 131 | 143 | +24.5 +9.2 | $\begin{array}{r} +2.5 \\ +4.4 \end{array}$ |
| EMPLOYMENT <br> (Relative to 1923 monthly average as 100) |  |  |  |  |  |  |  |  |  |  |
| Number employed, by industries: Total, all classes |  |  | 85 | 85 | 87 | 89 | 90 | 91 | +1. 1 | +4.6 |
| Food products. |  |  | 94 | 95 | 97 | 89 | 90 | 92 | +2.2 | $-5.2$ |
| Textiles |  |  | 79 | 81 | 84 | 86 | 87 | 87 | 0.0 | +3.6 |
| Iron and steel. |  |  | 80 | 79 | 80 | 85 | 85 | 86 | +1.2 | +7.5 |
| Lumber |  |  | 93 | 93 | 93 | 93 | 93 | 94 | +1.1 | +1.1 |
| Leather. |  |  | 83 | 87 | 91 | 89 | 93 | 95 | +2.2 | +4.4 |
| Paper and printing |  |  | 98 | 98 | 100 | 99 | 99 | 100 | +1.0 | 0.0 |
| Chemicals.. |  |  | 84 | 84 | 88 | 89 | 91 | 97 | +6.6 | +10.2 |
| Stone, clay, and glass |  |  | 94 | 96 | 95 | 97 | 99 | 100 | +1.0 | +5.3 |
| Metals, except iron and sid |  |  | 81 | 81 | 79 | 90 | 91 | 94 | +3.3 | +19.0 |
| Tobacco products |  |  | 93 | 93 | 95 | 91 | 90 | 92 | +2.2 | -3. 2 |
| Vehicles.- |  |  | 84 | 84 | 84 | 90 | 91 | 92 | +1.1 | $+9.5$ |
| Miscellaneous |  |  | 82 | 80 | 82 | 91 | 90 | 90 | 0.0 | +9.8 |

[^1]INDEXES OF BUSINESS-Continued


## TREND OF BUSINESS MOVEMENTS

The following table contains a summary of the monthly figures, designed to show the trend in important industrial and commercial movements. These data represent continuations of the figures presented in the latest semiannual number (August, 1925) in which monthly figures for 1923 and 1924 may be found, together with explanations as to the sources and exact extent of the figures quoted. For a few items earlier data are given in more recent issues, as explained in the footnotes. The figures given below should always be read in connection with those explanations. Data on stocks, unfilled orders, etc., are given as of the end of the month referred to. For explanations of relative numbers, including base periods, see introduction on inside front cover.

| Where available, October data have been included in this table. The cumulatives shown are in most instances, however, only through September and, where designated by a footnote, through August. Detailed data for items shown here may be found on pages 29 to 151 of the August, 1925, "Survey" | 1925 |  |  |  | 1924 |  |  | per cent increase ( + ) or decrease (-) |  | cumulative total FROM JANUARY 1 throvgh septemBER 30 |  | $\begin{gathered} \text { Per } \\ \text { cent } \\ \text { in } \\ \text { crease } \\ \text { (+) } \\ \text { or de- } \\ \text { crease } \\ (-) \\ 1925 \\ \text { from } \\ 1924 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | July | August | $\underset{\substack{\text { Septem- } \\ \text { ber }}}{\text {. }}$ | October | August | Septem- ber | October | Sep- <br> tember, <br> 1925, <br> from <br> August, <br> 1925 | $\begin{array}{\|c} \text { Sep- } \\ \text { tember, } \\ \text { 1925s, } \\ \text { fromp } \\ \text { Sember, } \\ \text { tember } \end{array}$ | 1024 | 1925 |  |
| TEXTILES |  |  |  |  |  |  |  |  |  |  |  |  |
| Wool |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 45,922 | 34,998 | 20,403 | 17,406 | 37,336 | 18,986 | 15,626 | -41.7 | +47.5 | 244, 069 | 253, 726 | +4.0 |
|  | 38, 378 | 20, 559 | 7,453 | 5,885 | 32, 660 | 14, 865 | 11, 050 | -63.7 | -49.9 | 160, 262 | 113, 521 | -29.2 |
| Foreign.............--........thous, of lbs.- | 7,544 | 14, 439 | 12,950 | 11,521 | 4,676 | 4,121 | 4,576 | -10.3 | +214.2 | 83, 807 | 140, 205 | +67.3 |
| Imports, unmanufactured.........thous, of lbs.. | 20,802 | 34,449 | 18,948 |  | 8,631 | 12, 129 | 16,638 | -45.0 | +56.2 | 203, 171 | 266,985 | +31.4 |
| Consumption by textile mills, grease equivalent $\qquad$ thous. of lbs.- | 40,781 | 42,149 | 44,383 |  | 40,064 | 45,638 | 54,854 | +5.3 | -2.7 | 383, 428 | 390, 725 | +1.9 |
| Machinery activity, hourly: <br> Looms- |  |  |  |  |  |  |  |  |  |  |  |  |
| Wide...........-per ct. of hours active... | 61 | 63 | 69 |  | 58 | 66 | 74 | +9.5 | +4.5 |  |  |  |
| Narrow..........per ct. of hours active.- | 52 | 57 | 61 |  | 54 | 59 | 65 | +7.0 | +3.4 |  |  |  |
| Carpet and rug per ct. of hours active-- | 65 | 68 | 65 |  | 57 | 65 | 72 | -4.4 | 0.0 |  |  |  |
| Sets of cards...-..--per ct. of hours active | ${ }_{60} 8$ | 82 | 85 |  | ${ }^{73}$ | 87 | 92 | +3.7 | -2.3 |  |  |  |
| Combs $\qquad$ Spinning spindlesper ct. of hours active.- | 65 | 77 | 79 |  | 68 | 86 | 98 | +2.6 | -8.1 |  |  |  |
| Woolen.........per ct. of hours active.. | 79 | 79 | 82 |  | 72 | 86 | 91 | +3.8 | -4.7 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Raw, Ohio, <br> 1/4 blood, unwashed.........-dolls. per Ib.- | . 52 | . 51 | . 50 | . 51 | . 48 | . 53 | . 57 | -2.0 | -5.7 |  |  |  |
| Raw, territory fine, |  |  |  |  |  |  |  |  |  |  |  |  |
| scoured.....................- dolls. per worsted yarn | 1.37 | 1.31 | 1.28 | 1.32 | 1.36 | 1. 44 | 1.48 | -2.3 | $-11.1$ |  |  |  |
| Men's suitings....-.-.........-.-. dolls. per yd.- | 1. 600 | 3.600 | 3. 600 | 1.600 | 1.600 | 1.650 3.600 | 3.690 | 0.0 | 0.0 |  |  |  |
| Cotton |  |  |  |  |  |  |  |  |  |  |  |  |
| Production, crop estimate.....thous. of bales.- | 13,566 | 13,740 | 14,759 | 15,386 | 12,351 | 12,787 | 12,499 | +7.4 | +15.4 |  |  |  |
| Ginnings (cumulative)..........thous. of bales.-. | 159 | 1,893 | 7, 102 | 11,199 | 947 | 4,528 | 9,716 | +275.2 | $+56.8$ |  |  |  |
| Receipts into sight .-..-.....-.-thous. of bales..- | 154 | 780 | 2,332 |  | ${ }_{4} 395$ | 1,845 | 2, 807 | +199.0 | +56.4 | 5,209 | 7,255 | $+39.3$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 202,468 | 315,825 | 752, 324 |  | 277,647 | 737,485 | 947, 556 | +132.2 | +2.0 | 3,465,942 | 4,914,535 | +41.8 |
| Consumption by textile mills.............-bales.- | 483, 898 | 448, 665 | 483, 266 |  | 357,380 | 438,373 | 532, 629 | +7.7 | +10.2 | 3, 958, 408 | 4, 759,700 | +20.2 |
| Stocks, end of month: |  |  |  |  |  |  |  |  |  |  |  |  |
| Mills.......................thous. of bales.- | 866 | 681 | 866 |  | , 553 | ${ }^{2} 516$ | ${ }^{7} 731$ | +27.2 | +67.8 |  |  |  |
| Warehouses...................-thous. of bales..- | 514 | 1,040 | 3,138 |  | 802 | 2,067 | 4, 225 | +201.7 | +51.8 |  |  |  |
| World visible, |  |  |  |  |  |  |  |  |  |  |  |  |
| American.-..-.-.-....- thous. of bales.- | 1,113 | 1,099 2,232 | 2,805 3,883 | 4,115 | 823 1,898 | 1,970 2,619 | 3,358 4,267 | +155.2 +74.0 | +42.4 +48.3 |  |  |  |
| Machinery activity of spindles: | 2,343 | 2,232 | 3,883 | 5,194 | 1,898 | 2,619 | 4,267 |  | $+48.3$ |  |  |  |
| Active spindles $\qquad$ .thousands.- | 31,761 | 31, 270 | 31,552 |  | 29,011 | 30, 154 | 31,079 | +0.9 | +4.6 |  |  |  |
| Total activity .-.-.-...-.-milions of hours.- | 7,298 | 6,954 | 7,102 |  | 5,400 | 6,415 | 7,593 | +2.1 | +10.7 |  |  |  |
| Activity per spindle .-.............-. hours.- | 192 | 184 | 188 |  | 143 | 170 | 201 | +2.2 | +10.6 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Orders received, <br> gray yardage. $\qquad$ thous. | 69,364 | 69,176 | 81,079 |  | 71,630 | 74, 213 | 90,601 | +17.2 | +9.3 | 456, 320 | 678, 883 | +48.8 |
| Billings, finished goods (as | 69, 281 |  |  |  |  |  |  |  |  |  |  |  |
| produced) --.-.-.-.-.-.-.thous. of yds.-- | 69,281 39,153 |  | 72,257 42,608 |  |  |  |  | +12.9 +12.4 | +2.4 +7.2 | 677,522 372,436 | 697,437 392,305 | +2.9 +5.3 |
| Shipments, finished goods....-.....-cases.-- Stocks, finished | 39,153 40,710 | 37,903 41,151 | 42, 608 |  | $\begin{aligned} & 35,951 \\ & 41,850 \end{aligned}$ | $\begin{aligned} & 39,753 \\ & 39,325 \end{aligned}$ | 44,331 40,664 | +12.4 -1.1 | +7.2 +7.5 +3.5 | 372, 436 | 392,305 | +5.3 |
| Operating activity....per ct. of capacity.- | 40 52 |  |  |  |  |  |  | +16.0 | $+{ }_{+}^{+7.4}$ |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| by tire manufacturers.....- thous. of lbs.- | 16, 014 | 15,758 | 14, 025 |  | 12,471 | 13, 171 | 13,205 | -11.0 | +6.5 | 104, 849 | 132,240 | +26.1 |
| Elastic webbing sales.........thous. of yds.- | 12,344 | 12,014 |  |  | 9,862 | 11, 340 | 12,345 |  |  | 283,983 | ${ }^{2} 11,170$ | +32.4 |
| Fine cotton goods: |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 312, 962 | 288, 439 | 488, 596 |  | 267, 784 | 377, 770 | 251,728 | +69.4 | +29.3 | 2,321, 379 | 3, 474, 980 | +49.7 |
| Prices: |  |  |  |  |  |  |  |  |  |  |  |  |
| Raw cotton to producer .......dolls. per lb.Raw cotton, dolls. per lb- | . 2348 |  | . 2235 |  | . 2783 | . 2244 | .231 | ${ }_{-}^{-3.8}$ | $\pm{ }_{-3.3}$ |  |  |  |
| Raw cotton, New York .......dolls. per lb.- | . 248 | . 238 |  | . 220 | . 293 |  |  | -0.8 |  |  |  |  |
| 22/1 cones, Boston........dolls. per lb.- | . 415 | . 423 | . 423 | . 430 | . 469 | . 432 | . 449 | 0.0 | -2.1 |  |  |  |
| 40/13, New Bedford.......dolls. per lb-- | . 543 | . 547 | . 563 |  | . 578 | . 556 | . 543 | +2.9 | +1.3 |  |  |  |
| Print cloth....................-dolls. per yd.- | . 095 | . 095 | . 095 | . 096 | . 093 | ${ }^{1} .086$ | . 087 | 0.0 | +10.5 |  |  |  |
| Sheetings......-.-.-.-.-.....dolls. per yd.- | . 096 | . 104 | . 106 | . 108 | . 116 | . 110 | . 103 | $+1.9$ | -3. 6 |  |  |  |
| Cotton goods (Fairchild) ..-index number.- | 182 | 185 | 187 | 187 | 199 | 193 | 193 | +1.1 | -3.1 |  |  |  |
| Silk |  |  |  |  |  |  |  |  |  |  |  |  |
| Imports, raw-...................-thous. of ibs.- | 6,246 | 5,894 | 81,408 |  | 4, 989 29818 | 6,491 | 5, 615 35,508 | +42.7 -5.4 | +29.5 +14.6 | 40,622 263,529 | 55,226 370,196 | +36.0 +40.5 |
| Deliveries (consumption) -----.............bales-- | 44,013 | 44, 047 | 41, 684 | 46,815 | 29,518 | 36,366 |  |  |  |  |  |  |




[^2]4 Quarterly figure, ending Sept. 30.


| Where available, October data have been included in this table. The cumula-tives shown are in most instances however, only through September and ohere designated by a footnote, through August. Detailed data for items shownhere may be found on pages 29 to 151 of the August, 1925, "Survey" | 1925 |  |  |  | 1924 |  |  | $\begin{aligned} & \text { PER CENT IN- } \\ & \text { CREASE }(+) \text { OR } \\ & \text { DEGREASE }(-) \end{aligned}$ |  | cumulative total from january 1 ${ }_{\text {BER }}^{\text {THROG }} \mathbf{~ S E P T E M}$ - |  | Percentincrease(t)or doecreasecrese-1(925from1924 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | July | August | $\begin{aligned} & \text { Septem- } \\ & \text { ber } \end{aligned}$ | October | August | $\begin{aligned} & \text { Septem } \\ & \text { ber } \end{aligned}$ | October | Sep- tember, 1922, from August 1925 |  | 1924 | 1925 |  |
| FUELS-Continued |  |  |  |  |  |  |  |  |  |  |  |  |
| Coke: <br> Production- <br> Beehivethous. of short tons <br> By-product.........thous. of short tons. Exports...................... | \% 13,172 13,171 64 |  | 746 3,181 84 8 | 1,006 | $\begin{array}{r}434 \\ \mathbf{2 , 4 4 6} \\ \hline 42\end{array}$ | 223 2,546 42 |  | $\begin{aligned} & +23.9 \\ & +0.6 \\ & +31.3 \end{aligned}$ | ( | 7,507 24,901 487 | $\begin{array}{r}7,125 \\ 29,256 \\ \hline 64\end{array}$ | -5.1 +17.5 +15.8 |
| Price, furnace, <br> Connellsville $\qquad$ dolls. per short ton.- <br> Petroleum | 2.91 | 3.19 | 3.70 | 6.5 | 3.00 | 3.13 | 3.13 | +16.0 | +18.2 |  |  |  |
| Crude petroleum: <br> Stocks, end of thous. of bbls <br> Tank farms and pipe $\qquad$ thous. of bbls. | 67,318 | 166,887 | 64, 807 |  | 61,704 | 59,611 | 59,937 | -3.0 | +8.9 | 534, 414 | 569, 297 | +6.5 |
|  | $\underset{4}{352,698}$ | $\left\lvert\, \begin{array}{r} 1344,304 \\ 4,045 \end{array}\right.$ | 343,740 4,027 |  | ${ }_{\text {c }}^{362,985}$ | $\underset{\substack{363,700 \\ 5,354}}{ }$ | $\underset{\substack{362,374 \\ 4,873}}{ }$ | ${ }_{-0.4}^{-0.2}$ | -54.8 | 60,4i3 | 48,387 | -19.9 |
| umptionOil wells completed.................................... | ${ }^{67,777} 1$ | 67,010 1,580 | 62,278 1,501 |  | 54,688 1,389 | 53,617 1,126 | 55,779 1,060 | ${ }_{-5.0}^{-7.1}$ | +16.2 +33.3 | 477,412 11,487 | 553,005 12,788 | +15.8 +11.2 |
| Price, Kansas-Oklahoma---dolls. per bbl-. | 17,616 1,800 | 18,488 1,720 | 1,550 | 1,600 | 20,970 | 21,413 1,313 | 21,413 1,250 | -9.9 | +18.1 |  |  |  |
| Gasoline: $\begin{gathered}\text { Production................thous. of gals.. }\end{gathered}$ |  |  |  |  |  |  |  |  |  |  | 8,048,087 |  |
|  | 104, 857 | 116,481 | 88, 017 |  | 108, 685 | 113,901 | 90,907 | -24.4 | $\pm 22.7$ | -894,447 | ${ }^{\text {8388, } 176}$ | +4.9 |
| Consumption.-..-.t.......thous. of galsPrice, motor, New York .....dolls. per gal | ${ }_{\text {- }}^{11,610,790}$ | ${ }_{11,540,716}^{931,901}$ | (1,514,150 |  | 1,311, ${ }^{81921}$ | 1,229,606 | 1,152,374 | -8.9 | +18.2 | 5,663,854 | 6,983,842 | +23.3 |
|  | 1329220 | ${ }_{3}$ | . 170 | . 170 | , 11.188 | ,20.175 | , 21.140 | -15.8 | -2.9 |  |  |  |
| Retail distribution, 21 States. thous. of gals. |  |  |  |  |  |  |  |  |  |  |  |  |
| Production-...------.....-.thous. of gals.-- | 193, 731 | 1878,984 | 197, 834 |  | 204, 107 | 211, 830 |  | $\stackrel{+}{+5}$ | ${ }_{+}^{-6.6}$ | 1, 811,090 | 1,858,730 | +2.6 +9.7 |
| Stocks | 444, 2020 | 461, 490 | 352,666 |  | ${ }^{1334,436}$ | ${ }^{1366,549}$ | 134, ${ }^{1389}$ | ${ }_{-12.2}^{21.1}$ | +3.0 +18.4 | 1,124,666 | 1,233,328 |  |
| Price, 150 ${ }^{\circ}$ water white..----dolls. per gal- | . 072 | . 072 | . 074 | 077 | 072 | 083 |  | +2.8 | -10.8 |  |  |  |
| $\qquad$ thous | 1,444,984 | 1,404,459 | 1,280,955 |  | 1,187, 211 | 1,113, 911 | 1,160,683 | -8.8 | +15.0 | 9, 966,046 | 11,429, 604 | +14.7 |
| Consumption |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }_{1}^{157,071}$ | $\begin{aligned} & 139,282 \\ & 131,904 \end{aligned}$ | $\begin{gathered} 155,793 \\ 35,512 \end{gathered}$ |  | $\begin{gathered} 155,, 900 \\ 62,948 \\ \hline \end{gathered}$ | $\begin{array}{r} 153,090 \\ 58,352 \end{array}$ | $\begin{gathered} 173,880 \\ 59,024 \end{gathered}$ | $+11.9$ | +3.1 -1.8 | $\begin{aligned} & 1,328,104 \\ & 537,262 \end{aligned}$ | $1,358,380$ 328,078 | +2.3 -38.9 |
| end of month---6--thous. of gals- | $\xrightarrow{\text { 12,352,447 }}$ | $\xrightarrow{\text { 2,517,118 }} 1$ | 1.050 | 1.056 | . 781 | $\xrightarrow{1,639,869}$ | $\xrightarrow{1,611,586}$ | +0.2 +1.4 | +53.8 +14.1 |  |  |  |
| bricating oil: |  |  |  |  | \% |  |  |  |  |  |  |  |
| Production.....................thous. of gals.-Consumption.-................. | 104,390 6257 | 112,059 80,686 | ${ }^{107} 82,717$ |  | ${ }_{66}^{92}$ | 90,228 64,244 | ${ }_{61}^{97,223}$ | -3.9 | +19.4 | 858,366 564,468 | ${ }_{648}^{967,158}$ | +12.7 |
|  |  |  |  |  |  | 244 |  |  |  |  |  |  |
| Stocks at refineries, <br> end of month ---.............thous. of gals. <br> Price, Pa., $600^{\circ}$ fil., "D" dolls per gal | 1287,569 | 1282,513 | 283, 925 |  | 242, 753 | 243, 883 | 247, 998 | +0.5 | +16.4 |  |  |  |
| AUTOMOBLLES | 184 | 161 | . 153 | 159 | . 165 | 179 | 186 | -5.0 | -14.5 |  |  |  |
| duction: |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {Passenger car }}^{\text {Toral }}$ cars- | ${ }_{1}^{1358,554} 1$ | $\begin{array}{r} 1 \\ 1221,813 \\ 1214,383 \\ 17,430 \end{array}$ | $\begin{aligned} & 272,396 \\ & 262,036 \end{aligned}$ |  | $\begin{gathered} 255,232 \\ 249,796 \\ 5,436 \\ \hline, 76 \end{gathered}$ | $\begin{aligned} & 263,528 \\ & 256,940 \\ & 28 \end{aligned}$ | 260, 881 | ${ }_{+22.2}^{+22.2}$ | ${ }_{+}^{+3.4}$ |  | $\left\|\begin{array}{c} 2,789,463 \\ 2,680,324 \\ 1090 \end{array}\right\|$ |  |
| United Sitates....-.-.---number of cars.- |  |  |  |  |  |  |  |  |  |  |  | + $\begin{array}{r}+6.7 \\ +6.5 \\ +1.1\end{array}$ |
| Canada------------number of cars.- | 1, 140 |  |  |  |  | 6,588 | 6,357 |  |  |  |  |  |
| Total ................number of cars.- | $\begin{array}{r} 141,773 \\ \mathbf{1} 39,993 \\ 1788 \end{array}$ | 137,713136,277 | 60,36357,883 |  | 28,64727,787880 | 31,96030,609$\begin{gathered} 30,609 \\ 1,351 \end{gathered}$ | $\begin{aligned} & 32,475 \\ & 31,205 \\ & 1,270 \end{aligned}$ | $\begin{aligned} & +60.1 \\ & +\begin{array}{l} +59.6 \\ +72.7 \end{array} \end{aligned}$ | $\begin{gathered} 88.9 \\ +89.1 \end{gathered}$ | $\begin{gathered} 2899,420 \\ 275, \end{gathered}$$\begin{gathered} 20,982 \\ 13,440 \end{gathered}$ | $\begin{aligned} & 376,678 \\ & 360,077 \end{aligned}$$\mathbf{1 6 , 3 0 1}$ | $\begin{aligned} & +30.1 \\ & +30.6 \\ & +21.3 \end{aligned}$ |
| United States-......-number of cars-- |  |  |  |  |  |  |  |  |  |  |  |  |
| Exports: ${ }_{\text {Assembled- }}$ |  |  |  |  |  |  |  |  |  |  |  |  |
| Total.-..............-number of cars. |  |  |  |  |  |  |  |  |  |  |  |  |
| Passenger cars ......-.-number of cars.- | 16,567 | ${ }_{26,516}^{33,216}$ | 18,780 |  | 12,220 | 11, 655 | 14, 773 | $-29.2$ | +61.1 | 114,110 | ${ }_{180}^{218037}$ | +57.8 |
|  | \% ${ }_{5}^{4,704}$ | ¢, ${ }_{6,724}^{6,724}$ | 7, 7 , 561 |  | 1,694 4,596 | 2,306 4,829 | S, ${ }^{2,724}$ | - +20.0 | + +76.9 | 20,337 57,011 | 38,346 62,436 | +88.6 +9.5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Passenger cars...--.-.--- | $\stackrel{4}{3,284}$ | $\xrightarrow{4,431}$ | ${ }_{4}^{5,037}$ |  | -3, ${ }_{2}^{3,575}$ | 2,930 2,179 |  | +25.2 | +89.3 +84.9 | $\stackrel{41,564}{32,203}$ | 49, <br> 3873 <br> 175 | +20.0 +19.5 |
| Trucks --..-.-.---number of cars-- | 1,263 | 1,446 | 1,517 |  | 572 | 751 | 1,033 | +4.9 | +102.0 | 9,361 | 11, 398 | +21.8 |
| Internal-revenue taxes coilected on: Passenger automobiles and |  |  |  |  |  |  |  |  |  |  |  |  |
| motor cycles...............thous. of dolls. Automobile trucks and | 12,333 | 10, 198 | 11,800 |  | 6,156 | 9,278 | 7,469 | +15.7 | +27.2 | 80, 5 | 84, 89 | $+5.3$ |
| Automobile trucks and wagons........................... | 660 | 558 | 1,463 |  | 702 | 545 | 1,301 | +162.2 | +168.4 | 8,150 | 6,156 | $-24.5$ |
| Sales of automobile accessories and parts...................-.thous. of dolls |  |  |  |  |  |  |  |  |  |  |  |  |
| Foreign assemblies.................................... number of cars. New passenger-car registrations: <br> Total | 16, 194 | 15,596 | 11,530 |  | 11,460 | 12,019 | 12,584 | -26.1 | +4.1 | 107, 222 | 133, 878 | +24.9 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }_{8,290}$ | 8, 144 |  |  |  |  |  |  |  |  |  |  |
|  | 54,777 | 51, 872 |  |  |  |  |  |  |  |  |  |  |
| Second highest.....-....-number of cars.-- | -54,967 | -49, 0 |  |  |  |  |  |  |  |  |  |  |
| Miscellaneous-..-.-.-.-.-.---number of cars-- | ${ }^{19,927}$ | 15,778 |  |  |  |  |  |  |  |  |  |  |
| RUBBER |  |  |  |  |  |  |  |  |  |  |  |  |
| World shipments, plantation...-long tons. | $\begin{array}{r} 143,041 \\ 32,455 \end{array}$ | $\begin{aligned} & 45,013 \\ & 33,413 \end{aligned}$ | $\begin{aligned} & 26,367 \\ & 491,534 \\ & 478 \end{aligned}$ |  | $\begin{aligned} & 34,992 \\ & 21,772 \end{aligned}$ | 38,960 26,801 <br> 475,432 464,525 | $\begin{aligned} & 34,290 \\ & 38,997 \end{aligned}$ | $\begin{aligned} & -21.1 \\ & -4.4 \end{aligned}$ |  | $\begin{array}{r} 2271,549 \\ 230,300 \end{array}$ | $\begin{array}{r} \mathbf{3} 320,747 \\ 284,497 \end{array}$ | +18.1+23.5+2.9 |
|  |  |  |  |  |  |  |  |  | -1.6 |  |  |  |
| Consumption (quarterly):Total..........................................................For tons tons. |  |  |  |  |  |  |  |  | +21.3 |  |  |  |
|  | -82,007 |  |  |  |  |  |  |  | +21.7 | 181,768 | 231, ${ }^{272}$ | $+27.6$ |

[^3]
${ }^{1}$ Revised.
${ }^{1}$ Revisht months cumulatives, Jan. to Aug. 31.
3 Quarterly figure, ending June 30, 1925.
${ }^{4}$ Quarterly figure, ending Sept. $30,1925$.

| Where available, October data have been included in this table. The cumulatives shown are in most instances, however, only through September and, wheredesignated by a footnote, through August. Detailed data for items shown here may be found on pages, 29 to 151 of the August, 1925, "Survey" | 1925 |  |  |  | 1924 |  |  | $\begin{gathered} \text { PER CENT IN- } \\ \text { CREASE }(+) \text { OR } \\ \text { DECREASE }(-) \end{gathered}$ |  | cumulative total from jandary 1 through septemBER 30 |  | Percentin-crease$(+)$or de-crease$(-)$1925from1924 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | July | August | Septem- ber | October | August | Septem- ber | October | Sep- tember, 1925, from August, 1925 |  | 1924 | 1925 |  |
| HIDES AND LEATHER-Continued Leather Products-Continued |  |  |  |  |  |  |  |  |  |  |  |  |
| Gloves: <br> Glove leather- |  |  |  |  |  |  |  |  |  |  |  |  |
| Production. $\qquad$ number of skins.Stocks (tanned) - | 442, 059 | 456, 059 | 482, 137 |  | 359, 165 | 439, 740 | 525, 459 | +5.7 | +9.6 | 4, 344, 283 | 4, 661, 185 | +7.3 |
| In process.........number of skins.. | 1, 205, 971 | 1,167, 838 | 1, 127,024 |  | 1, 448,968 | 1, 400, 848 | 1, 365, 963 | -3.5 | -19.5 |  |  |  |
| Finished...........number of skins.- | 420,949 | 382, 678 | 343, 559 |  | 1, 534, 581 | -493, 927 | 1, 404, 552 | -10.2 | -30.4 |  |  |  |
| Gloves cut- <br> Total. dozen pairs.- | 196, 614 | 207, 094 | 207, 796 |  | 189, 752 | 183,865 | 194, 368 | +0.3 | +13.0 | 1,742, 273 | 1,816,885 | +4.3 |
| Dress and streetImported leather.......dozen pairs.- | 40, 153 |  |  |  | 33, 279 |  | 35,819 | -3.6 | +37.5 |  | 371, 807 | +29.0 |
| Domestic leather........dozen pairs.-- | 32,374 | 31,932 | 24,437 |  | 30,466 | 27,431 | 28, 357 | $-23.5$ | -10.9 | 282, 594 | 282, 372 | -0.1 |
| Work gloves ....-..........dozen pairs.- | 124,087 | 129, 176 | 139, 044 |  | 126, 007 | 124, 207 | 130, 192 | +7.6 | +11.9 | 1,171, 483 | 1, 162, 706 | -0.7 |
| PAPER AND PRINTING |  |  |  |  |  |  |  |  |  |  |  |  |
| Meranical. Wood Pulp |  |  |  |  |  |  |  |  |  |  |  |  |
| Production......................short tons.. | 118, 571 | 199,794 | 100,594 |  | 116, 540 | 114, 737 | 145, 523 | +0.8 | -12.3 | 1,358,033 | 1, 275, 429 |  |
| Consumption and shipments.--short tons.- | 138, 391 | 1129,329 | 134, 505 |  | 128, 183 | 128, 226 | 155, 348 | +4.0 | +4.9 | 1,262, 468 | 1, 272, 713 | +0.8 |
| Stocks, end of month..-....-.-. short tons.- | 276, 345 | ${ }^{1} 246,691$ | 212, 666 |  | 218, 334 | 204, 725 | 194, 882 | -13.8 | +3.9 |  |  |  |
| Imports..-----.............----short tons.-- | 23, 369 | 29,859 | 24, 777 |  | 21, 204 | 24, 527 | 30, 565 | $-17.0$ | +1.0 | 166, 524 | 231,483 | +39.0 |
| Production......--.-.-.-.-.---short tons.- | 193, 158 | ${ }^{1} 198,142$ | 193,680 |  | 179,046 | 185, 800 | 227, 424 | -2.3 | +4.2 | 1', 765, 104 | 1, 823,464 | +3.3 |
| Consumption and shipments... short tons.- | 190,358 | 1 196, ${ }^{1942}$ | 187, 974 |  | 180, 640 | 188, 088 | 229, 032 | -4.4 | -0.1 | 1, 789, 534 | 1,821, 644 | +1.8 |
| Stocks, end of month............short tons.- | 40, 220 | ${ }^{1} 41,720$ | 41, 534 |  | 52, 840 | 48,888 | 48, 562 | -0.4 | -15.0 |  |  |  |
|  | 107, 762 | 106, 879 | 111, 163 |  | 120, 816 | 132, 350 | 135, 238 | +4.0 | -16.0 | 900,155 | 994, 168 | +10.4 |
| Price------.-.........-- dolls. per 100 Ibs -- | 2.68 | 2.68 | 2.68 | 2. 73 | 2.53 | 2.51 | 2.51 | 0.0 | +6.8 |  |  |  |
| Newsprint Paper |  |  |  |  |  |  |  |  |  |  |  |  |
| Production.......-.-................-short tons. | 121, 113 | 120, 902 | 121.019 |  | 116, 288 | 116, 753 | 129, 852 | +0.1 | +3.7 | 1, 101, 401 | 1, 123, 498 | +2.0 |
| Shipments ----------------------short tons.- | 119, 149 | 119, 752 | 127,409 |  | 117, 059 | 116, 743 | 130, 281 | $+6.4$ | +9.1 | 1,095, 972 | 1,116,311 | +1.9 |
|  | 131, 001 | ${ }^{1} 135,054$ | 145, 002 |  | 120, 408 | 131, 588 | 147, 467 | +7.4 | $+10.2$ | 1, 205, 419 | 1, 284, 229 | +6.5 |
|  | 117, 779 | 102, 741 | 110, 688 |  | 110, 228 | 107, 990 | 114, 121 | +7.7 | $+2.5$ | 1, 004, 979 | 1, 056, 391 | +5.1 |
| Exports.-..-.....................-short tons... | 968 | 1,558 | 1,869 |  | 1,475 | 908 | 1,677 | +20.0 | +105.8 | 12,663 | 16, 065 | +26.9 |
| At mills......................... short tons.. | 34, 079 | 35,077 | 27,326 |  | 28,631 | 28,439 | 28,229 | -22.1 | -3.9 |  |  |  |
| At publishers. .-.-.............-short tons.- | 166, 348 | ${ }^{1} 167,119$ | 159,926 |  | 189, 097 | 196, 716 | 187, 158 | +37.7 | -18.7 |  |  |  |
| In transit to publishers.........short tons.- | 29,361 | 30, 233 | 31,054 |  | 36, 143 | 30,058 | 33,575 | +2.7 | +3.3 |  |  |  |
| Price, roll, f. o, b. mill.-.---dolls. per cwt - - | 3. 70 | 3.70 | 3.70 | 3.70 | 3. 78 | 3.78 | 3.78 | 0.0 | -2.1 |  |  |  |
| Printing |  |  |  |  |  |  |  |  |  |  |  |  |
| Book publication: |  |  |  |  |  |  |  |  |  |  |  |  |
| American manufacture .-.-...-no. of titles.- | 546 | 699 139 | ${ }_{6}^{695}$ |  | 610 | 641 | 799 | -0.6 | +8.4 | 5,094 | 5,867 | +15.2 |
| Imported.-........-.........-no. of titles.- | 79 983 | 139 | 117 <br> 12 <br> 973 |  | 165 | 149 | $\begin{array}{r}93 \\ \hline 129\end{array}$ | -15.8 | -21.5 | 1,288 | 1,196 | -7.1 |
| Sales books, shipments.--..--thous. of books-- | 9,533 | 12,042 | 12,973 |  | 11,036 | 11, 751 | 12,584 | +7.7 | +10.4 | 99, 703 | 105, 886 | +6.2 |
| Printing activity.....weighted index number.. | 191 |  |  |  | 93 |  | 105 |  |  |  |  |  |
| Boxboard |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 8, 272, 036 | 8, 012,001 | 8, 152,403 |  | 7, 973, 129 | 8, 036, 712 | 8, 422, 014 | +1.8 | +1.4 | 72, 703, 538 | 70, 695, 604 | -2.8 |
|  | 94.6 | 100.4 | 102.2 |  | 100.2 | 101.0 | 96.6 | +1.8 |  |  |  |  |
| Production---------------1......----- tons.- | 196, 522 | 195, 527 | 198, 761 |  | 183, 570 | 188, 669 | 196, 633 | +1.7 | +5.3 | 1, 606,933 | 1,686, 934 | +4.6 |
| Orders received.....-....----..........- tons.- | 216, 013 | 210,385 | 191, 840 |  | 202, 919 | 168, 299 | 180, 846 | -8.8 | +14.0 | 1, 611, 629 | 1, 680, 259 | +4.8 |
| Unfilled orders (end of month)...........-tons.- | 111, 919 | 119, 248 | 109, 191 |  | 122, 927 | 103, 056 | 87, 563 | -8.4 | +6.0 |  |  |  |
| Consumption of waste paper...-.........tons.. | 184, 295 | 187, 301 | 187, 620 |  | 181, 752 | 182, 521 | 189, 187 | +0.2 | +2.8 | 1, 532,897 | 1,602, 422 | +4.5 |
|  | 190, 667 | 203, 766 | 202, 238 |  | 184, 941 | 191, 203 | 198, 352 | -0.7 | +5.8 | 1,605, 162 | 1, 681, 744 | +4.8 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Stocks On hand.-.----.-..............--tons.. | 160,099 | 149, 984 |  |  |  | 172, 240 |  | +3.7 |  |  |  |  |
|  | 11,953 | 14,598 | 13,366 |  | 17,002 | 15,319 | 14,921 | -8.4 | -12.7 |  |  |  |
| Unshipped purchases.....-..........tons.- | 34, 358 | 29,761 | 35, 721 |  | 34, 919 | 41,766 | 27,804 | $+20.0$ | $-14.5$ |  |  |  |
| Book paper: Other Paper |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Stocks, end of month............-short tons.-- | 61,600 | 64,064 | 65,912 |  | 49,642 | 47, 160 | 48, 103 | +2.9 | +39.8 | 90, 920 | 900, 344 | +5.7 |
| Wrapping paper: |  |  |  |  | 83, 829 | 89, 114 |  | -7.4 | -3.3 |  | 804. 362 | +6.8 |
| Stocks, end of month...-.......-short tons.- | 105, 514 | 199,284 | 90, 591 |  | 115, 293 | 111, 803 | 104,867 | -8.8 | -19.0 |  |  | +6.8 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 35,143 50,001 | 36,399 51,145 | 35,750 49,558 |  | $\begin{aligned} & 27,516 \\ & 49,295 \end{aligned}$ | $\begin{aligned} & 28,959 \\ & 50,685 \end{aligned}$ | $\begin{aligned} & 33,125 \\ & 50,174 \end{aligned}$ | -1.8 -3.1 | +23.5 -2.2 | 276, 085 | 332,383 | +20.4 |
| All other grades: |  |  |  |  |  |  |  |  |  |  |  |  |
| Production-..........-...-...-short tons.- | 94,629 | 99,672 | 98,691 |  | ${ }^{90,135}$ | 94, 157 | 109, 900 | -1.0 | +4.8 | 806, 134 | 898, 558 | +11.5 |
| Stocks, end of month...-.-.-.-. ${ }^{\text {short }}$ tons.-- Total paper (inc. newsprint and boxboard): | ${ }^{1} 67,594$ | 65, 612 | 62, 918 |  | 59, 702 | 57, 194 | 57, 602 | -4.1 | +10.0 |  |  |  |
| Production...................-.-. short tons.- | 636,810 1383,388 | $\begin{aligned} & 1651,392 \end{aligned}$ | 644,139 348,377 |  | 599, 388 | 617, 474 | 670,633 | -1.1 | +4.3 | 5, 448, 163 | 5,806, 079 | +6.6 |
| Stocks, end of month...-----.--short tons.- | ${ }^{1} 383,388$ | ${ }^{1} 370,742$ | 348, 377 |  | 351, 074 | 341, 746 | 333, 622 | -6.0 | +1.9 |  |  |  |
| Paperboard Shipping Boxes |  |  |  |  |  |  |  |  |  |  |  |  |
| Production: |  |  |  |  |  |  |  |  |  |  |  |  |
| Total..........-.---........thous. of sq. ft.- | 340, 608 | 361,424 | 370, 315 |  | 287, 937 | 302, 181 | 331, 390 | +2.5 | +22.5 | 2,695, 089 | 3, 027, 716 | +12.3 |
| Corrugated.-................thous. of sq. th . ft --. | 257,899 82,709 | 280,261 81,163 | 290,698 79,617 |  | 219, 141 68,796 | 231, 066 71,115 | 251,410 74,980 | +3.7 -1.9 | +25.8 | 2, 008, 6859 | 2,338, 978 | +16.4 |
| Operating activity: |  |  |  |  |  |  |  |  |  | 685, 60 | 688, 70 | +0.5 |
| Total.-...-....-........per cent of normal.- | 76 | 79 | 81 |  | 68 | 52 | 77 | +2.6 | +55.8 |  |  |  |
|  | 75 | 80 74 | 88 |  | 65 74 | 69 79 | 77 | +2.5 +6.8 | +18.8 |  |  |  |



| Where available, October data have been included in this table. The cumulatives shown are in most instances, however, only through September and, where designated by a footnote, through August. Detailed data for items shown here may be found on pages, 29 to 151 of the August, 1925, "Survey" | 1925 |  |  |  | 1924 |  |  | $\begin{aligned} & \text { PER CENT IN- } \\ & \text { CREASE }(+) \text { OR } \\ & \text { DECREASE }(-) \end{aligned}$ |  | cumulative total from january 1 through septemBER 30 |  | Per cent cr ease $(+)$ or decrease 1925 from 1924 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | July | August | $\begin{aligned} & \text { Septem- } \\ & \text { ber } \end{aligned}$ | October | August | $\begin{gathered} \text { Septem- } \\ \text { ber } \end{gathered}$ | October | Sep- tember, 1925, from August, 1925 | September, 1925, from September 1924 | 1924 | 1925 |  |
| BUILDING CONSTRUCTION AND HOUSING-Continued <br> Lumber-Continued |  |  |  |  |  |  |  |  |  |  |  |  |
| North Carolina pine: |  |  |  |  |  |  |  |  |  |  |  |  |
| Production (computed) $\ldots$.-..... M ft. b. m-- | 39,305 43,729 | 61,033 53,018 | 63, 504 55,979 |  | 53,417 | 49,518 | 51, 849 | +4.0 | $+28.2$ | 435, 220 | 484, 785 | $+11.4$ |
| Shipments (computed) .......... M ft. b. m.- <br> Northern pine: |  |  |  |  |  | 44, 191 |  | $+5.6$ | +26.7 | 437, 234 | 468, 167 | +7.1 |
| Production.................M Mt . b. m.- | 64, 313 | 63, 407 | 45,825 |  | 54, 068 | 56, 369 | 41,333 | -27. 7 | -18.7 | 443, 881 | 469, 814 | $+5.8$ |
| Shipments--.-................ M ft. b. m.- | 49, 534 | 53,065 | 50, 405 |  | 46, 403 | 51, 466 | 52,985 | $-4.9$ | -1.9 | 404, 955 | 406, 938 | +0.5 |
| Orders received..............M $\mathrm{ft}$. b. m.. | 48, 928 | 53, 152 | 42, 994 |  | 52,188 | 42,313 | 39,696 | -19.1 | +1.6 | 400, 509 | 370, 851 | -7.4 |
| Production................-M $\mathrm{Mt}$. b. m.. | 18,397 | 15,356 | 12, 144 |  | 14,675 | 13,290 | 12,381 | -20.1 | -8.6 | 109, 372 | 122, 663 | +12.2 |
| Shipments.-.................M Mt , b. m-- | 14,576 | 11, 144 | 11, 194 |  | 16,515 | 12,567 | 10,108 | +0.4 | -10.9 | 120, 752 | 93, 100 | -22.9 |
| Northern hemlock: |  |  |  |  |  |  |  |  |  |  |  | -8. 2 |
| Shipments M ft. b. m.- | 20,154 | 20, 890 | 19, 265 |  | 17, 884 | 18,368 | 20, 373 | $-7.8$ | +4.9 | 173, 581 | 161, 020 | -7.2 |
| Production...-.-................. ft. b. m.. | 26,223 | 20,811 | 15, 399 |  | 23,952 | 19,732 | 14, 430 | $-26.0$ | -22.0 | 343, 160 | 329, 388 | $-4.0$ |
| Shipments.-...................--M $\mathrm{Mt}$. b. m.- | 28, 309 | 35,640 | 29,508 |  | 26,625 | 30, 286 | 32,856 | -17.2 | -2.6 | 255, 884 | 241, 910 | -5.5 |
| W alnut lumber: |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments-......................-.-.-M M f. b. m.- | 2,940 | 3,237 |  |  | 2, 742 | 3, 255 | 3,889 |  |  | ${ }^{2} 23,413$ | ${ }^{2} 27,327$ | +21.4 +16.7 |
| Stocks, end of month............M ft. b. m.- | 20,736 | 20,898 |  |  | 13,813 | 13,605 | 14, 556 |  |  |  |  |  |
| Walnut logs: <br> Purchased $\qquad$ M ft. log measure.. $\qquad$ | 2,880 | 2,637 |  |  | 2,061 | 2,543 | 3,345 |  |  | ${ }^{2} 19,654$ | 26,208 | +33.3 |
| Made into lumber and <br> veneer. M ft. $\log$ measure.- | 2,656 | 2,637 |  |  | 2,544 | 2, 746 | 2,997 |  |  |  |  |  |
| Stocks, end of month....M ft. $\log$ measure.. | 4,599 | 4,599 |  |  | 2,419 | 2,348 | 2,695 |  |  |  | 5, 237 | 24.8 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 242, 377 | 231, 784 | 222, 577 |  | 151, 218 | 169, 421 | 174, 274 | $-4.0$ | +31.4 |  |  |  |
| Oak..........................M ft.b. m.- <br> Unsold stocks- | 252, 198 | 242, 544 | 228, 742 |  | 163, 697 | 188,942 | 193,997 | -5.7 | +21.1 |  |  |  |
| Unsold stocks- <br> Total hardwoods. $\qquad$ M ft. b. m.- |  |  |  |  | 355, 698 |  |  | -4.3 | +42.2 |  |  |  |
| Gum................------M Mt . b. m.- | 196,281 | 184, 064 | 171, 838 |  | 114, 594 | 128, 518 | 138, 168 | $-6.6$ | +33.7 |  |  |  |
|  | 201, 981 | 194, 514 | 178, 850 |  | 117, 002 | 151, 052 | 159, 771 | -8.1 | +18.4 |  |  |  |
| Unfilled orders- <br> Total hardwoods. $\qquad$ Mft. b. m. | 169, 152 |  |  |  |  |  |  |  | +32.7 |  |  |  |
| Gum...-.-.-...........-.....M M ft. b. m.- | 52,736 | 58,245 | 60,712 |  | 44, 138 | 46,633 | 41, 546 | +4.2 | $+30.2$ |  |  |  |
|  | 57, 236 | 56, 862 | 56, 688 |  | 51, 143 | 42, 753 | 39,738 | -0.3 | +32.6 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production, 10 species........-M $\mathrm{Mt}$. b. m. | 2, 563, 211 | 2, 800,999 | 2, 737,912 |  | 2,531,675 | 2, 439, 220 | 2, 509,998 | -2.3 | +12.2 | 58,028 |  |  |
| Exports, planks, joists, etc | 158, 369 | 132, 089 | 138, 044 |  | 151, 425 | 159,613 | 157,877 | +4.5 | $-13.5$ | 1, 444, 459 | 1, 419, 640 | ${ }_{-1.7}$ |
| Retail yards, Minneapolis Fed. res. dist.- |  |  |  |  | 15, | 15, | 15,87 |  |  | 1,44, 4 | 1,419, 640 |  |
| Sales.-....-.-.-.-......-M M f. b. m-- | 23, 621 | 22,545 | 17,492 |  | 17,359 | 20, 999 | 18,984 | -22.4 | -16.7 | 115, 484 | 155, 049 | +34.3 |
| Stocks, end of month...... M ft. b. m... | 114, 887 | 119, 294 | 109, 370 |  | 111, 822 | 115, 453 | 107, 827 | $-8.3$ | -5.3 |  |  |  |
| Composite lumber prices: <br> Hardwoods...........dolls. per M ft. b. m- | 40.22 | 40, 16 | 40.58 | 40.54 | 41. 77 | 41.90 | 42.19 | +1.0 | -3.2 |  |  |  |
| Softwoods.......-.-.-dolls. per M ft. b. m-- | 29, 85 | 30.15 | 30.35 | 30.35 | 29.82 | 30. 27 | 29.79 | +0.7 | $+0.3$ |  |  |  |
| Maple flooring: Flooring |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments-.-------........--M $\mathrm{Mt}$. . b. m-- | 10, 167 | 10,569 | 10,704 |  | 8,369 | 8,374 | 7,761 | +1.3 | +27.8 | 72, 404 | 77,392 | +6.9 |
| Stocks, end of month...-.......M ft. b. m.- | 26,399 | 24, 115 | 22,750 |  | 23,949 | 22,440 | 23,073 | $-5.7$ | +1.4 |  |  |  |
| Orders booked.-...-.....-.-.-M ft. b. m.- | 12,172 | 11, 534 | 9,766 |  | 9,453 | 7,553 | 6, 864 | $-15.3$ | +29.3 | 71, 133 | 77,312 | +8.7 |
| Oak flooring: |  |  |  |  | 10,090 | 9,237 | 8,124 | $-10.4$ | +8.0 |  |  |  |
| Production..-.............---- M ft. b. m.-- | 44, 026 | 46, 282 | ${ }^{45,922}$ | 49,498 | 35, 180 | 36, 125 | 42, 253 | $-0.8$ | +27. 1 | 301, 821 | 384, 348 |  |
|  | 48,029 45,155 | 48,948 41,082 | 45,630 38,372 | 49,686 <br> 39,921 | 39,574 45 $\mathbf{4 5}, 136$ | 38,011 | 42,497 41,105 | -6.8 | +20.0 -9.8 | 310, 807 | 383, 122 | +23.3 |
| Orders booked....................... ft. b. m- | 49,904 | 54, 372 | 39,968 | 40,094 | 48,847 | 32, 833 | 34, 657 | -26.5 | +18.1 | 310, 154 | 380, 234 | $+22.6$ |
| Unfilled orders, end of month..M ft. b. m-- | 53, 740 | 59, 844 | 52,729 | 44,793 | 50, 262 | 45, 368 | 36,005 | -11.9 | +16.2 |  |  |  |
| Wooden Furniture |  |  |  |  |  | - |  |  |  |  |  |  |
| Piano benches and stools: |  |  |  |  |  |  |  |  |  |  |  |  |
| Unfilled orders...........................-. dollars.- | 21, 256 | 26,440 | - 40,648 |  | 26,080 | 43, 11508 | 120,088 40,120 | +52.4 +53.7 | ${ }_{-6.1}^{+4.9}$ | 729, 236 | 724, 320 | -0.7 |
| Shipments- |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 66,976 10,638 | 171,392 11,863 | 105,800 17,789 |  | 57,112 9,698 | 98,000 16,818 | 123,008 19,751 | +48.2 +50.0 | +8.0 +5.8 | $\begin{aligned} & 717,402 \\ & 110,358 \end{aligned}$ | $\begin{aligned} & 682,824 \\ & 118,428 \end{aligned}$ | -4.8 +7.3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Paving brick: |  |  |  |  |  |  |  |  |  |  |  |  |
| Actual.-....-.-.-.-.......-thousands -- | 30,635 | 34,098 | 30,072 |  | 26, 569 | 25, 833 | 26,294 | -11.8 | +16.4 | 219, 062 | 259, 668 | +18.5 |
| Relation to capacity .-...-.-per cent.- |  |  |  |  |  |  |  | $-3.7$ | -11.4 | 21,082 | 25, 06 |  |
| Shipments .....----.........-thousands.- | 34,317 | - 35, 638 | 29,773 |  | 32, 400 | 31,563 | 29,142 | -16.5 | -5. 7 | 190, 305 | 198, 211 | +4. 2 |
| Stocks, end of month.-.........-thousands.- | 117, 543 | 116, 123 | 104,286 |  | 97,407 | $86,875$ | 73, 604 | -10.2 | +20.1 |  |  |  |
|  | 29,230 1,855 | 33,209 1,132 77,602 | 31,925 2362 3,302 |  | 21, 454 | 27,070 1,536 74 | 16, 535 | -3.9 +108.7 | +17.9 +53.8 | $\begin{array}{r} 219,214 \\ 8,760 \end{array}$ | 224,712 10,732 | +2.5 +22.5 |
| Unfilled orders, end of month.-thousands..- | 75,389 | 77,662 | 63, 702 |  |  |  |  |  |  |  |  |  |
| Common brick: Stocks, end of month- |  |  |  |  |  |  |  |  |  |  |  |  |
| Burned.-......-.....-....-.thousands.- | 227, 306 | 265, 897 | 338, 857 |  | 261, 800 | 272, 172 | 312,061 | +27.4 | +24.5 |  |  |  |
| Unburned...-............-- thousands.- | 92, 267 | 89,608 159 | 104, 066 |  | 68, 138 | 61, 150 | 44, 543 | +16.1 | +70.2 |  |  |  |
|  | 180, 407 | 159, 309 | 171, 830 |  | 120, 777 | 111, 846 | 135, 8006 | +7.9 | +53.6 | 1,166,773 | 1,447,835 | +24.1 |
| Unfilled orders.......---........thousands.- | 292, 775 | 301, 913 | 252, 511 |  | 256, 017 | 226,529 | 186,977 | -16.4 | +11.5 |  |  |  |


${ }^{1}$ Revised



${ }_{1}$ Revised.
1 Revised.

Total crop estimated at first of month following that indicated. Data for a year ago represent final estimate of the 1924 crop



| Where available, October data have been included in this table. The cumulatives shown are in most instances, however, only through September and, where designated by a footnote, through August. Detailed data for items shown here may be found on pages 29 to 151 of the August, 1925, "Survey" | 1925 |  |  |  | 1924 |  |  | Per cent inCREASE ( + ) OR decrease ( - ) |  | cumulative total from jandary 1 through september 30 |  | Perdeentin-crease$(+)$or de-crease$(-)$1925from1924 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | July | August | Septern- ber | October | August | Septem- ber | October | Sep- tember, 1925, from August, 1925 | Sep- <br> tember, <br> 1925, <br> from <br> Sep. <br> tember, <br> 1924 | 1924 | 1925 |  |
| TRANSPORTATION-Continued Ocean Traffic |  |  |  |  |  |  |  |  |  |  |  |  |
| Total $\qquad$ thou <br> Total.........................thous. of net tons.thous. of net tons. | 6,833 | 6,917 | 6,239 |  | 6,713 | 6,479 | 6,803 | -9.8 | -3.7 | 51,436 | 52,673 |  |
|  | 2,578 | 2,586 | 2,450 |  | 2,877 | 2,872 | 2,922 | $-5.3$ | $-14.7$ | 22,410 | 20,502 | +8.4 |
| Foreign....... thous. of net tons. <br> Indexes of ocean freight rates: <br> Charter rates, world routes_index number. <br> Vessel construction: <br> Completed during month- <br> Total $\qquad$ gross tons. | 4,255 | 4,331 | 3,789 |  | 3,837 | 3,607 | 3, 881 | -12.5 | +5.0 | 29,028 | 32, 181 | +10.9 |
|  | ${ }^{3} 96$ |  | 498 |  |  | -102 |  | +2.1 | -3.9 |  |  |  |
|  | 30,101 21,951 | 8,415 | 21,758 $\mathbf{1 7 , 1 9 1}$ | 17,516 12,210 | 3,965 | 25,875 12,346 | 11,414 | + $\begin{array}{r}+158.6 \\ +954.0\end{array}$ | -15.9 +39.2 | 170,855 103,843 | 170,681 107,987 | -0.1 +3.0 |
| Building or under contract, end of mo. $\rightarrow$ Merchant vessels.- thous. of gross tons.- | 21,951 157 | 1,631 155 | 17,191 162 | 12,210 | 386 164 | 12,346 168 | 6,665 177 | +954.0 +4.5 | +39.2 -3.6 | 103,843 | 107, 987 | +3.0 |
| Freight Cars |  |  |  |  |  |  |  |  |  |  |  |  |
| Surplus (daily av. last week of month): | 139,428 | 85,732 | 58, 203 |  | 69,244 |  |  | -32.1 | +58.3 |  |  |  |
|  | 80,661 | 40, 427 | 61,370 |  | 97, 089 | 58,375 | 49,058 | +51.8 | +5.1 |  |  |  |
| Shortage (daily av. last week of month) : | 263, 876 | 162,397 | 141,842 |  | 194,306 | 116,689 | 99, 190 | -12.7 | +21.6 |  |  |  |
| Shortage (dally av. last week of month): | 4 | 272 | 364 |  | 212 | 270 | 784 | +33.8 | +34.8 |  |  |  |
|  | None. | 354 | 153 |  | 19 | 274 | 785 | -56.8 | -44.2 |  |  |  |
| Car Totadings (monthly totals):-.....-number | 4 | 636 | 558 |  | 248 | 670 | 1,656 | -12.7 | -16.7 |  |  |  |
| Car loadings (monthly totals): | 3,888 | 5,364 | 4,297 | 5,537 | 4,844 | 4,148 | 5,455 | -19.9 | +3.6 |  | 37,847 |  |
| Total. ${ }_{\text {Grain }}$ and grain products....thous. of cars.- | 165 | ${ }^{5} 271$ | ${ }^{210}$ | ,232 | 4,804 | +269 | -339 | $\square_{-22.5}^{-1.9}$ | +21.9 | 31,825 | 1,668 | ${ }_{-8.6}$ |
| Livestock .-...............--thous. of cars.- | 105 | 149 | 131 | 212 | 152 | 147 | 206 | -12.1 | -10.9 | 1,240 | 1,152 | -7.1 |
| Coal and coke..................thous. of cars.Forest products........thous. of cars. | 680 | 1,023 | 731 | 996 | 806 | 750 | 1,001 | -28.5 | -2.5 | 6,528 | 6,937 | $+6.3$ |
|  | 258 | 358 | ${ }_{2} 279$ | 352 | 343 | 269 | 353 | -22.1 | +3.7 | 2,785 | 2,868 | +3.0 |
| Ore.-.....................thous. of cars- | ${ }_{985}^{251}$ | $\begin{array}{r}315 \\ 1,297 \\ \hline\end{array}$ | 230 1,046 1 | 1, ${ }^{2483}$ | 1,213 | 188 | 213 1,290 | -27.0 | +22.3 | 1,354 9,321 | 1,590 | +17.4 |
| Miscellaneous....................thous. of cars.- | 1,444 | 1,951 | 1,670 | 2,144 | 1,771 | 1,537 | 2,051 | -14.4 | +8.7 | 12,649 | 13,825 | +5.2 +9.3 |
| Cars in bad order: <br> Total, end of month $\qquad$ cars Ratio to total on line. $\qquad$ per cent | 197,281 8.4 | 197,178 8.4 | 179, 571 |  | 210,109 9.2 | 206,044 8.9 | 190,543 8.2 | -8.9 -8.7 | $-12.8$ |  |  | ..... |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenue: Freight-..........................thous. of dolls.- | 377, 517 | 403,311 | 419,643 |  | 358, 511 | 399, 214 | 438,813 | +4.0 | +5.1 | 3,166, 698 | 3, 320, 685 | $+4.9$ |
|  | 97, 916 | 103, 961 | 95,705 |  | 104, 553 | 93, 200 | 82, 861 | -7.9 | +2.7 | 824,155 | 796, 367 | $-3.4$ |
| Passenger--..............-. thous. of dolls-- | 522, 427 | 555, 367 | 565, 452 |  | 508, 506 | 541, 047 | 572, 600 | +1.8 | +4.5 | 4, 403, 621 | 4,531,486 | +3.1 |
| Operating expenses................thous. of dolls.- | 382, 905 | 388, 970 | 388, 096 |  | 373, 671 | 381,792 | 403,664 | -0.2 | $+1.7$ | 3, 399, 714 | 3, 398, 840 | 0.0 |
|  | 99,463 37 | 124,805 | 134, 585 |  | 95,707 | 117,018 | 127, 105 | +7.8 | +15.0 | 679,437 | 800, 539 | +17.8 |
| Net operating income..............thous. of dolls <br> Freight carried $\qquad$ mills. ton-miles.- | 37,968 | 41,723 | 41,322 |  | 36,447 | 39,046 | 43,110 | -1.0 | +5.8 | 313,399 | 333,545 | +6.4 |
| Revenue-.....................thous. of dolls.-Expenses.......................... | 7,562 | 7,768 | 7,409 |  | 7,182 | 6, 512 | 6,005 | -4.6 | +13.8 | 55, 624 | 60,647 | $+9.0$ |
|  | 5,003 | 5,020 | 5,190 |  | 4, 988 | 5,072 | 5,076 | +3.4 | +2.3 | 45, 820 | 46,395 | +1.3 |
| Passengers carried $\qquad$ thousands.Locomotives in bad order: Total, end of month Per cent of total in use $\qquad$ numberper cent. | 3,276 | 3,633 | 3,385 |  | 3,491 | 3,167 | 2,773 | -6.8 | +6.9 | 26,087 | 26,876 | +3.0 |
|  | 10,658 | 10,551 | 10,643 |  | 10,964 | 11,329 | 11,095 | +0.9 | -6.1 |  |  |  |
|  | 16.7 | 16.5 | 16.5 |  | 17.0 | 17.6 | 17.2 | 0.0 | -6.3 |  |  |  |
| Equipment Installation |  |  |  |  |  |  |  |  |  |  |  |  |
| Locomotives (Am. Ry. Assn.): <br> Owned (end of month) number-- |  | 64, 357 | 64, 257 |  | 65, 062 | 65, 071 | 64, 964 | -0.2 | -1.2 |  |  |  |
| Tractive power-...-.-.-.-.-.-. | 2, 594 | 2, 596 | 2, 596 |  | 2, 583 | 2,586 | 2,586 | 0.0 | +0.4 |  |  |  |
|  | 139 | 147 | 129 |  | 229 | 160 | 113 | -13.4 | -19.4 | 1,657 | 1,342 | -19.0 |
| Installed during month............number-- Retired during month Ordered from manufacturers | 170 | 210 | 229 86 |  | 166 | 151 | 220 | +9.0 | +51.7 | 1,361 | 1,966 | +44. 5 |
|  | 39 | 26 | 86 | 199 | 9 | 111 | 148 | +230.8 | -22.5 | 981. | 509 | -48.1 |
|  | 66 | 104 | 94 |  | 139 | 104 | 96 | -9.6 | -9.6 | 1,094 | 846 | $-22.7$ |
| Uomestic...........-........number-- | 58 | 91 | 50 |  | 121 | 79 | 78 | -45.1 | -36.7 | 987 | 521 | -47.2 |
| Unfilled orders-manufacturers: |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 388 288 | 225 | 296 | 397 | ${ }_{306}^{361}$ | ${ }_{333}^{386}$ | 462 398 | +17.5 +31.6 | -6.0 |  |  |  |
| Building in R. R. shops (end of month) | 59 | 45 | 37 |  | 50 | 37 | 76 | -17.8 | -1.1 0.0 |  |  |  |
| Exports $\qquad$ number- <br> Electric locomotives shipped (quarterly): | 12 | 11 | 22 |  | 36 | 51 | 37 | $+100.0$ | -56.9 |  |  |  |
| Mining......................................... | ${ }^{1} 120$ |  | ¢ 187 |  |  | ${ }^{6} 141$ |  | +55.8 |  |  |  |  |
| Industrial | 819 |  | 413 |  |  | 59 |  | -31.6 | +44.4 | 75 | 39 | $-48.0$ |
| Freight cars (Am. Ry. Assn.): <br> Owned (end of month). number- | 2,361, 551 | 2, 363,849 | 2, 363, 637 |  | 2, 329, 582 | 2, 336, 147 | 2, 342, 149 | 0.0 |  |  |  |  |
| Capacity.....................-.ills. of lbse-: | 210,701 | 211, 102 | 211, 201 |  | 205,690 | 2, 206,540 | 2, 207, 366 | 0.0 | +1.3 <br> +2.3 |  |  |  |
|  | 10,542 | 11,554 | 8,161 |  | 15, 452 | 15,455 | 16,598 | -29.4 | $-60.5$ | 112,853 | 111,978 | -0.8 |
| Installed during month...--.-...-number-- Retired during month Ordered | 10,051 | 9,259 2,816 | 9,196 6,113 |  | 8,834 | 9,337 | 10, 504 | -0.7 | $-1.5$ | 83, 537 | 86, 845 | +4.0 |
| Passenger Travel |  | 2,816 | 6,113 | 5,556 | 5,054 | 23,597 | 12, 610 | +117.1 | -74.1 | 106, 071 | 45,397 | -57.2 |
| National parks: |  |  |  |  |  |  |  |  |  |  |  |  |
| Visitors Automobiles entered................................... | 411, 376 | 384, 501 | 184, 279 |  | 380,568 |  | 47,571 | $-52.1$ | -6.8 | 1, 481, 714 | 1,565,500 | $+5.7$ |
| Arrivals from abroad: | 77, 723 | 56, 195 | 17,361 |  | 57, 217 | 18,294 | 2,585 | -69.1 | -5.1 | 186,565 | 193,092 | +3.5 |
| Aliens United States citizens ............................................ | 18,590 | 22, 421 | 26,721 |  | 23, 290 | 27,941 | 27,402 | +19.2 | -4.4 | 269, 925 | 214,309 |  |
| United States citizens ...............number.- <br> Departures abroad: | 32,080 | 59,663 | 76, 256 |  | 44,791 | 57, 232 | 31,474 | +27.8 | +33.2 | 252, 075 | 313,298 | +24.3 |
|  | 8,784 | 7,539 | 7,200 |  | 8,633 | 8,671 | 8,941 | -4.5 | -17.0 | 58,287 | 58,620 | -0.6 |
|  | 66,136 13 13 | 37, 185 | 24,369 |  | 37, 657 | 23,849 | 19,951 | -34.5 | +2.2 | 249, 568 | 281, 294 | +12.7 |
| United States citizens.............number-- ${ }^{\text {number-- }}$ ( | 13,830 | 9,370 | 8,795 | 8,012 | 8,571 | 7,659 | 7,906 | -6.1 | +14.8 | 114, 432 | 138, 769 | +21.3 |



## Revised



\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Where available, October data have been included in this table. The cumulatives shown are in most instances, however, only through September and, where designated by a footnote, through August. Detailed data for items shown here may be found on pages 29 to 151 of the August, 1925, "Survey"} \& \multicolumn{4}{|c|}{1925} \& \multicolumn{3}{|c|}{1934} \& \multicolumn{2}{|l|}{PER CENT INcrease ( + ) or Decrease (-)} \& \multicolumn{2}{|l|}{cumulative total from jandary 1 THROUGH SEPTEMBER 30} \& \multirow[t]{2}{*}{Per
cent
in
crease
( +
or de-
crease
\((-)\)
1925
from
1924} \\
\hline \& July \& August \& Septem- \& October \& August \& \[
\begin{gathered}
\text { Septem- } \\
\text { ber }
\end{gathered}
\] \& October \& Sep-
tember,
1925,
from
August.
1925 \&  \& 1924 \& 1925 \& \\
\hline \multicolumn{13}{|l|}{BANKING AND FINANCE-Continued Banking} \\
\hline \multicolumn{13}{|l|}{Debits to individual aceounts:} \\
\hline Bank clearings: \& 21,559 \& 19,847 \& 20,872 \& 24,008 \& 17,776
20,342 \& \& \& +5.2 \& +14.4 \& 166, 363 \& 187, 015 \& \\
\hline Outside New York City .....mills. of dolls.- \& 18, 570 \& 16, 860 \& 18,021 \& 20, 299 \& 15. 344 \& 15, 986 \& 18, 122 \& +7.7
+6.9 \& +12.9
+12. \& 180, 285 \& 158, 467 \& +15.0
+11.0 \\
\hline \multicolumn{13}{|l|}{Federal reserve banks:} \\
\hline Notes in circulation...........mills. of dolls.- \& 1,598 \& 1,616 \& 1,685 \& 1.695 \& 1,741 \& 1,730 \& 1,767 \& +4.3 \& +2.6 \& \& \& \\
\hline Total investments............mills. of dolls.- \& 1,553 \& , 547 \& , 624 \& . 660 \& , 593 \& , 668 \& 1,802 \& +14.1 \& -6.6 \& \& \& \\
\hline Total reserve.-............--mills. of dolls-- \& 2, 937 \& 2,888 \& 2,866 \& 2,893 \& 3, 202 \& 3,156 \& 3.122 \& -0.8 \& -9.2 \& \& \& \\
\hline Total deposits --.---.-.-.-.-mills. of dolls-- \& 2,201 \& 2,237 \& 2,268 \& 2,297 \& 2,150 \& 2,196 \& 2,218 \& +1.4 \& +3.3 \& \& \& \\
\hline Reserve ratio-....-.
Federal reserve member banks: \& 77.3 \& 75.0 \& 72.5 \& 72.5 \& 82.3 \& 80.4 \& 78.6 \& -3.3 \& -9.8 \& \& \& \\
\hline \multicolumn{13}{|l|}{} \\
\hline Total investments.-.......-mills. of dolls.- \& 5, 506 \& 5,471 \& 5,440 \& 5,443 \& 5.091 \& 5,331 \& 5, 551 \& -0.6 \& +2.0 \& \& \& \\
\hline Net demand deposits. ....... mills. of dolls.-
Interest rates: \& 12,815 \& 12,755 \& 13, 045 \& 13,082 \& 12,419 \& 12, 630 \& 12, 922 \& +2.3 \& +3.3 \& \& \& \\
\hline \multicolumn{13}{|l|}{} \\
\hline \multicolumn{13}{|l|}{Savings deposits, by Federal reserve districts (balance to credit of depositors):} \\
\hline Total, 846 banks...........thous. of dolls..- \& 7,542, 166 \& 7, 562, 671 \& 7,602, 098 \& \& 7,087,421 \& 7,132, 377 \& 7,154, 337 \& \(+0.5\) \& +6.6 \& \& \& \\
\hline Boston, 64 banks......-thous of bolls.- \& 1, 324, 310 \& 1, 326, 980 \& \(1,329,853\) \& \& 1, 261, 004 \& 1, 263, 800 \& 1, 268, 465 \& +0.2 \& +5.2 \& \& \& \\
\hline Philadelphia, 78 banks thous. of dolls. \& 2, 520,609 \& - 5200,820 \& - 519,589 \& \& 1,949,950 \& + \({ }^{2} 492,805\) \& 2, 495, 093 \& \({ }_{-0.2}^{+0.9}\) \& +5.6
+5.6 \& \& \& \\
\hline Cleveland, 18 banks_.-.thous of colls. \& 518, 577 \& 521, 321 \& 521, 120 \& \& 480, 963 \& 483, 342 \& 489, 511 \& 0.0 \& +7.8 \& \& \& \\
\hline Richmond, 91 banks..-thous. of dolls.. \& 352, 398 \& 351, 147 \& 348, 699 \& \& 322, 551 \& 323, 350 \& 325, 899 \& -0.7 \& +7.8 \& \& \& \\
\hline Atlanta, 96 banks....-thous. of dolls.. \& 242,696
933,901 \& 244, \({ }^{2538}\) \& 253, 104
940,952 \& \& 229, 159
901,674 \& 228,710
902,737 \& 228,510
910,932 \& +3.5
+0.2 \& +10.7
+4.2 \& \& \& \\
\hline St. Louis, 32 banks-.-.--thous. of dolls.. \& 155, 878 \& 156, 271 \& 159,071 \& \& 138, 576 \& 138,247 \& 141, 026 \& +1.8 \& +15.1 \& \& \& \\
\hline Minneapolis, 15 banks thous. of dolls-- \& 97,975 \& 98, 453 \& 99, 939 \& \& 90, 772 \& 92, 078 \& 92, 444 \& +1.5 \& +8.5 \& \& \& \\
\hline Kausas City, 56 banks..thous. of dolls-. \& 107, 769 \& 114, 110 \& 113,957 \& \& 109, 229 \& 108, 065 \& 106, 979 \& -0.1 \& +5.5 \& \& \& \\
\hline Dallas, 85 banks. \(\qquad\) thous. of dolls.San Francisco, 72 banks.thous. of dolls. \& 7, 73,624 \& [ \(\begin{array}{r}74,331 \\ 1,119,795\end{array}\) \& \[
\begin{array}{r}
75,078 \\
1,126,007
\end{array}
\] \& \& \[
\left.\begin{array}{r}
66,811 \\
1,018,256
\end{array} \right\rvert\,
\] \& \[
\begin{array}{r}
67,805 \\
1,029,779
\end{array}
\] \& \[
\begin{array}{r}
67,849 \\
1,026,093
\end{array}
\] \& +1.0
+0.6 \& +10.7
+9.3 \& \& \& \\
\hline U. S. Postal Savings. .-...-thous. of dolls.- \& 1,131,610 \& \(1,132,100\) \& 1,132, 159 \& \& 1, 133,929 \& 1, 133, 948 \& 1, 134, 405 \& +0.0 \& \({ }_{-1.3}\) \& \& \& \\
\hline New York State Savings
banks................................... \& 3, 502,011 \& 3,502,526 \& 3, 487,629 \& 3, 529, 169 \& 3, 261, 053 \& 3,302, 442 \& 3, 308, 534 \& -0.4 \& \(+5.6\) \& \& \& \\
\hline \multicolumn{13}{|l|}{Public Finance} \\
\hline \multicolumn{13}{|l|}{} \\
\hline Total gross debt--..........-. mills, of dolls \& 20, 488 \& 20, 447 \& 20,418 \& 20, 406 \& 21, 245 \& 21, 254 \& 21, 242 \& \(-0.1\) \& -3.9 \& \& \& \\
\hline Short-term debt-....-.-.-.-.-mills. of dolls.- \& 6, 241 \& 6, 208 \& 6,186 \& 6, 184 \& 8,071 \& 8, 073 \& 8,069 \& -0.4 \& -23.4 \& \& \& \\
\hline Customs receipts..----...-...-thous. of.dolls-. \& 45, 156 \& 49, 114 \& 51,017 \& 52,835 \& 45,621 \& 49,759 \& 49, 890 \& +3.9 \& +2.5 \& 415, 203 \& 423,493 \& +2.0 \\
\hline Total ordinary receipts..........thous. of dolls.- \& 194,945 \& - 219, 915 \& 512,072 \& 202, 245 \& 185, 763 \& 487, 390 \& 255, 323 \& +132.8 \& +5.1 \& 2,911,454 \& 2, 837, 369 \& 5 \\
\hline Expenditures chargeable to ordinary receipts.................thous. of dolls.- \& 245, 593 \& 214, 208 \& 330, 851 \& 323, 432 \& 196, 882 \& 408, 797 \& 320, 307 \& +54. 5 \& -19.1 \& 2, 445, 049 \& 2, 606, 668 \& +6.6 \\
\hline \begin{tabular}{l}
Money in circulation: \\
Total..........................-. mills. of dolls.- \\
Per capita. \\
dollars--
\end{tabular} \& 4,720
41.31 \& 4,784
41.84 \& 4,827
42.17 \& 4,901
42.77 \& 4,774
42.28 \& 4,806
42.52 \& 4,880
43.12 \& \[
\begin{aligned}
\& +0.9 \\
\& +0.8
\end{aligned}
\] \& \(\pm{ }_{-0.8}^{+0.4}\) \& \& \& \\
\hline \multicolumn{13}{|l|}{\begin{tabular}{l}
Liabilities: \\
Business Fallures
\end{tabular}} \\
\hline Total commercial. ..........thous. of dolls.- \& 34, 505 \& 37, 159 \& 30,687 \& 29,544 \& 55, 154 \& 34, 296 \& 36,099 \& -17.4 \& -10.5 \& 430, 723 \& 341, 750 \& -20.7 \\
\hline \begin{tabular}{l}
Manufacturing \\
establishments \(\qquad\) thous. of dolls
\end{tabular} \& 10,932 \& \& \& \& 29,924 \& 19,468 \& 15,619 \& -63.4 \& -58.0 \& 244.545 \& 129, 496 \& \\
\hline Trade establishments-..-.-.thous. of dolls-- \& 15,961 \& 13, 460 \& 14,990 \& 13, 530 \& 16,361 \& 10, 126 \& 16, 122 \& +11.4 \& +48.0 \& 144, 146 \& 162, 297 \& +12.6 \\
\hline Agents and brokers-.......thous. of dolls.- \& 7,612
3489 \& 1,360 \& 7,530 \& 4,750 \& 8,869 \& 4, 4,702 \& 4,357 \& +453.7 \& \(\underline{+60.1}\) \& 41, 431 \& 49,957 \& +20.6 \\
\hline Banks (quarterly) ...........thous. of dolls.- \& \({ }^{3} 42,859\) \& \& 411,613 \& \& \& \({ }^{3} 21,543\) \& \& -72.9 \& -46.1 \& \& \& \\
\hline  \& 1,685 \& 1, 513 \& 1,465
388
1,068 \& 1,581 \& 1,520 \& 1,306
360 \& 1,696 \& -3.2
+6.3 \& +12.2
+7.8
+18 \& 15,226
3,961 \& \(\begin{array}{r}16,083 \\ 3,750 \\ \hline\end{array}\) \& +5.6
-5.3 \\
\hline Trade establishments............-number-- \& 1,184 \& 1, 069 \& 1,015 \& 1,111 \& 1,024 \& 883 \& 1, 186 \& -5.1 \& +14.9 \& 10, 420 \& 11,597 \& +11.3 \\
\hline  \& 1,183

3111 \& \& 1,62
46 \& 62 \& 82 \& 63
880 \& 99 \& -21.5
-58.6 \& +1.6
-42.5 \& 715 \& 736 \& +2.9 <br>
\hline \multicolumn{13}{|l|}{Dividend and Interest Payments (For the following month)} <br>
\hline Grand total.........----.......thous. of dolls..- \& 212, 590 \& 318,775 \& 427, 220 \& 309,395 \& 315, 265 \& 402, 250 \& 288, 300 \& +34.0 \& +6.2 \& 3,251, 140 \& 3, 442,060 \& +5.9 <br>

\hline | Dividend payments: |
| :--- |
| Total $\qquad$ thous. of dolls. | \& 83,690 \& 67, 525 \& 102,920 \& 73,595 \& 62, 265 \& 97, 350 \& 67,300 \& +52.4 \& +5.7 \& 874, 239 \& 917,940 \& <br>

\hline Indus. and mise. corp.......thous. of dolls.-. \& 46,300 \& 44, 900 \& 66, 365 \& 32,350 \& 41,500 \& 63, 500 \& 29,500 \& +47.8 \& +4.5 \& 484, 270 \& 506,070 \& +4.5 <br>
\hline Steam railroads........-.-- thous. of dolls.- \& 32, 275 \& 17, 250 \& 25,905 \& 33, 950 \& 16, 250 \& 24, 450 \& 32, 200 \& +50.2 \& +6.0 \& 254,645 \& 265. 985 \& +4.5 <br>
\hline Street railways..............-thous. of dolls.- \& 5,115 \& 5,375 \& 10,650 \& 7,295 \& 4,515 \& 9,400 \& 6, 100 \& +98.1 \& +13.3 \& 73,590 \& 80,840 \& +0.9 <br>
\hline \multicolumn{13}{|l|}{Total corporation (Commercial and Financial Chronicle):} <br>
\hline New capital. .-.--.-...-thous. of dolls.- \& 348, 377 \& 211,750 \& 294,309 \& \& 194, 987 \& 273, 367 \& 283, 641 \& +39.0 \& +7.7 \& 2,411,149 \& 2, 984, 263 \& +23.8 <br>
\hline Refunding...............-thous. of dolls..
Kind of issue- \& 74,682 \& 29, 237 \& 16,379 \& \& 92,862 \& 39,059 \& 56,549 \& -44.0 \& $-58.1$ \& 392, 437 \& 512,942 \& +30.7 <br>
\hline Kind of issue-
Stocks...............thous. of dolls.- \& 160, 637 \& 64,370 \& 74,634 \& \& 38,355 \& \& 78,257 \& +15.9 \& +48.7 \& 642, 464 \& 878, 183 \& +36.7 <br>
\hline Bonds and notes........thous. of dolls.- \& 262, 422 \& 176,617 \& 236, 053 \& \& 249,594 \& 262, 234 \& 340, 190 \& +33.7 \& -10.0 \& 2, 161, 223 \& 2,719,023 \& +25.8 <br>
\hline Total corporation (Journal of Commerce) $\qquad$ thous. of dolls.- \& 321,115 \& 191, 121 \& 234, 096 \& 278,096 \& 272, 220 \& 279,267 \& 197, 464 \& +22.5 \& -16. 2 \& 2,327,636 \& 2,738,557 \& +17.7 <br>

\hline | States and municipalities: |
| :--- |
| Permanent loans. thous. of dolls | \& \& \& \& \& \& \& \& \& \& \& \& <br>

\hline Temporary loans..............thous. of dolls-- \& 33, 480 \& 46, 040 \& 76, 118 \& 4,370 \& 71, 955 \& 129,037 \& 126, 375 \& +65. 3 \& -41.0 \& 1, 684, 752 \& -591,020 \& $-13.7$ <br>
\hline New incorporations...............thous. of dolls..- \& $1,066,860$ \& 972, 735 \& 572, 751 \& 585, 422 \& 398, 950 \& 478,680 \& 543, 490 \& -41.1 \& +19.7 \& 5,302,280 \& 7, 133, 639 \& +34.5 <br>
\hline
\end{tabular}




## publications of the department of commerce

Recent pubhications of the Department of Comperce having the most direct interest to readers of the Suryyy or Conzent Business are listed below. A complete list may be obtained by addressing the Division of Publications, Department of Coninerce, at Waohington. Copies of the publications may be purchased from the Superintendent of Documents, Government Printing Office, Washington, at the prices stated. If ro price is mentioned, the publication is distributed free:

## bureau of the census

IFOr circulars fiving plat of pubication ato distabution of consus publicetions. addrets the Director of the Oovsisit

Financial Statistics of Cities Ifaving a Population of Over 30,000, 1923.- 571 pages, 10 inlutrations pifice 1. This report presents statistics froin records of the cities on the following pubiectst The tota, ana per capita, treceipts from revenues ano from principal claske whereof, the to tai sind per capita payments for expenseo, interest, atid oullays, and for each of the mineinal chasses of extuensers and outhats. the total value of munictpal paperties, the tokalatho per bapila municipal indebtednés, atidytal, ssessed vaination of grope erty subject to the generail property tax kaid total and per capit levies

Gensur of Manafactares, 1823 - Bulletinh 1 ave been seyed recently ging intomation eoncerning tho following bitistites as reporthed at the cenaus of mapufactures, 1923.2 Miese bulletins contain data concerning the number of estabislinents and, wage earrers gaantity amd s me of praducts, oto They may be ptichased for the prices iniledted E Brass, hronte, and other nonferroth allozs and, manifaontures of these atloy and of copper, 2 pager, 54 ; butter, cheese rand conitensed ana evapomated mik, 17 pages, bt, easthon, ples 4 pased, dif
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Technical Ne ws Bulletin, Qctober, 1925 , - Published zadnthils annual subseription price, $25 t$

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Doenmented Seagoing Merchant Vessels of 500 Gross Thens and Orer, October 1925 , TPublished monthily, Singloudaples; 104, annual subscription, 754

Radlo Serfice Euletin, Ociober, 1925 ., Lists, of, ftationo, racio reghlations, references to articles in, current pubicstions, and other matters are included. Monthly, Singie eonies, $t^{\circ}$ annual subseription, 25 ,

Seagoing Yesseis of the United States, 1925 , - This Yepontis patt of the fifty seventh, annuat list of merchant vessols of the Unitud States anra to designed for the use of signal ctations and masters of reagoing ressels, Pree, 50 e.


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Silicosis Among Miners, by R, R, Sayers. Technicat Paper $\mathrm{AO}, 372 ; 24$ pages. This report is the result, of 1 nvestyations Tegarding dnst in mines tssa heblh hazard. Contias inustraKons und bibliography, Price $15 t$.

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Hrur Seal Industry of the Cominander Isinnds, 1897 Lo $192 \boldsymbol{2}$ by, Leonerd S Stejneger, Document No, 086,44 payer; Huetrated. Price $20 \%$.

## COAST AND GLODEHC SURVAY

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W. M. STEUART, DIRECTOR

## OUTLINE OF GENSUS WORK

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## POPULADION AND SOCIAL STATISTICS POPILLATION

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## COMMERCIAL AND INDUSTRLAL STATISTICS

## MANUEACHUROLS, MINANG, AND SORESTRY

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Forest products (uecennial, 1923)-Production statistics in regard to mine tiphbert used underground.
Forest Products (funtith, Pata concerning the prodiction of lumber, lath Ghingles, and bood pip, wad the consumption of Pules roud

## AGRICULDURE, IRRIGAIION, AND DRAINAGE

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 of livestock on tarthe and ranges; livestock prodicts; acreage, production, enc value of erops; etc.
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## COMMERG GURREA PRODUGIION, ANO BESINESS CONDITIONS

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Transportation by Weter--Decennial inquiry giving nuin ber, clase tonisgt, Shd value of vessels , mount of freight and number Of $Q$ seengers caried, etc.


[^0]:    ${ }^{1}$ Data represent average prices at the mills for French serge $35-36^{\prime \prime}$ as compiled by the U. S. Department of Labor, Bureau of Labor Statistics.

[^1]:    $13 \ln : 9$ Jan. 1.192

[^2]:    ${ }^{8}$ Quarterly figure, ending June 30, 1925.

[^3]:    3 Quarterly figure, ending June 30, 1925
    Quarterly figure, ending Sept. 30.
    ${ }^{4}$ Quarterly figure, ending Sept. 30.

