

MONTHLY SUPPLEMENT TO COMMERCE REPORTS

UNITED STATES
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WASHINGTON

SURVEY OF
CURRENT BUSINESS

JANUARY, 1924

No. 29



COMPILED BY
BUREAU OF THE CENSUS
BUREAU OF FOREIGN AND DOMESTIC COMMERCE
BUREAU OF STANDARDS

In addition to figures given from Government sources, there are also incorporated for completeness of service the figures from other sources generally accepted by the trades, the authority and responsibility for which are noted in the text

Subscription price of the SURVEY OF CURRENT BUSINESS is \$1 a year; single copies, 10 cents. Foreign subscriptions, \$1.50; single copies, including postage, 20 cents. Subscription price of COMMERCE REPORTS is \$3 a year; with the Survey, \$4 a year. Make remittances only to Superintendent of Documents, Washington, D. C., by postal money order, express order, or 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 principal facts regarding the various lines of trade and industry. At quarterly intervals detailed tables are published giving, for each item, monthly figures for the past two years and yearly comparisons, where available, back to 1913. In the intervening months the more important comparisons only are given in the table entitled "Trend of business movements" (p. 29). In the quarterly numbers (see issue for November, 1923, No. 27) blank lines covering the next three months have been left at the bottom of each detailed table, which will enable those who care to do so to enter new figures as soon as they appear.

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 three times each month to those subscribers who request them. The leaflets are usually mailed on Saturdays, the first being issued about the 15th of the month, giving such information as has been received up to that time. Further sets of sheets are mailed in the two following weeks, each giving those figures received during the current week. The information contained in these leaflets is also published in "Commerce Reports," issued weekly by the Bureau of Foreign and Domestic Commerce. The complete 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 these data are collected by Government departments; other figures are compiled by technical journals; and still others are reported by trade associations.

The source of each item in the detailed tables is given in footnotes, and a list of all sources of information will be found at the end of this bulletin (pp. 52 to 56). In cases where the original figures have been collected by outside agencies, the Department of Commerce assumes no responsibility for their accuracy or completeness. The figures used, however, are in some cases those generally accepted in business circles as sufficiently complete to represent the current trend of the given industrial movement and in other instances are vouched for by trade associations or other agencies.

INDEX NUMBERS.

To facilitate comparison between different items and render the trend of a movement more apparent, index or relative numbers have been calculated. The index 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 index numbers the last pre-war year, 1913, or in some instances a five-year average, 1909-1913, has been used as a base equal to 100 wherever possible. In many instances comparable figures for the pre-war 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 a few cases other base periods are used for special reasons. In all cases the base period is clearly indicated.

The index 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 index number will be greater than 100 and vice versa. The difference between 100 and the index number will give at once the per cent increase or decrease compared with the base period. Thus an index number of 115 means an increase of 15 per cent over the base period, while an index number of 80 means a decrease of 20 per cent from the base.

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

BUSINESS INDICATORS.

The diagrams on page 2 have been prepared to facilitate comparisons between a few of the more important business movements. The lines are plotted on what are known as ratio charts (logarithmic scale). These charts show the percentage increase and allow direct comparisons between the slope of one curve and that of any other curve regardless of what part of the diagram it is located in; 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 has an index number of 400 in one month and it increases 10 per cent, its index number will be 440, and on an ordinary chart the next month would be plotted 40 scale points higher than the preceding month. Another movement with an index number of, say 50, also increases 10 per cent, making its index number 55. On the ordinary (arithmetic) scale this item would rise only 5 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 directly comparable. The ratio charts compare percentage changes, while the arithmetic charts compare absolute changes.



SURVEY OF CURRENT BUSINESS

COMPILED BY

BUREAU OF THE CENSUS : : BUREAU OF FOREIGN AND DOMESTIC COMMERCE : : BUREAU OF STANDARDS

No. 29

JANUARY

1924

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SUMMARY FOR NOVEMBER.

MAR 19 1925
A seasonal decline in production is shown by the November figures. The principal declines from a year ago occurred in coal, wheat flour, sugar, cotton, wool, steel ingots, paper, sole leather and brick, while such basic items as pig iron, locomotives, lumber, petroleum, copper, zinc, and automobiles made increases over November, 1922. The output of minerals and the marketings of animal products were larger than a year ago, while crop marketings were less, but total output of raw materials was larger. Manufacturing production was about the same as a year ago.

Wholesale and retail trade made a seasonal decline and was generally higher than a year ago. Wholesale prices again declined one point from the previous

month, while retail prices again rose. The cost-of-living index also rose one point.

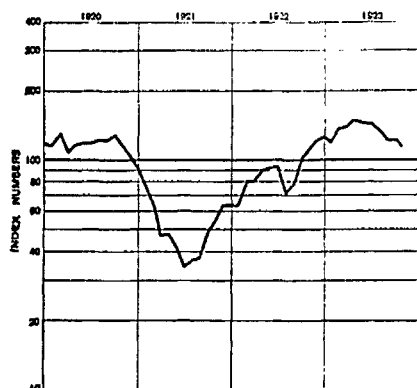
The surplus of railroad cars rose to 150,000 cars, while loadings of freight increased seasonally from November, 1922.

Business failures increased in number but were less than in October. Checks cleared indicated by clearings and bank deposits were less in October for New York City but did not fall for the country. Interest rates remained the same as in October. Employment totaled 2,016,000 workers as against 2,016,000 in October.

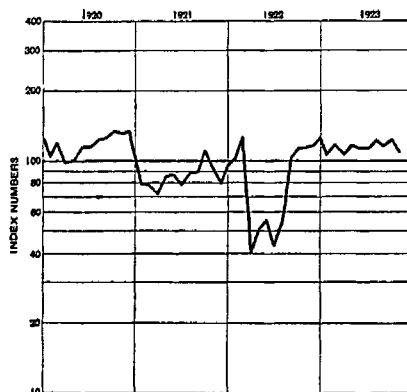
BUSINESS INDICATORS.

(1913 monthly average=100. See explanation on inside front cover.)

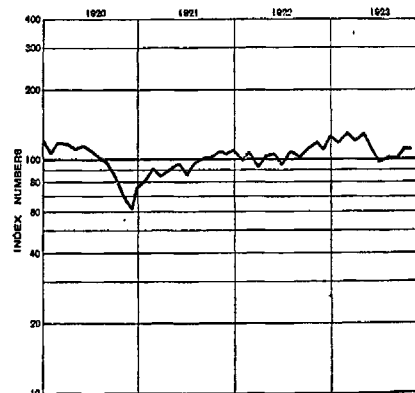
PIG-IRON PRODUCTION.



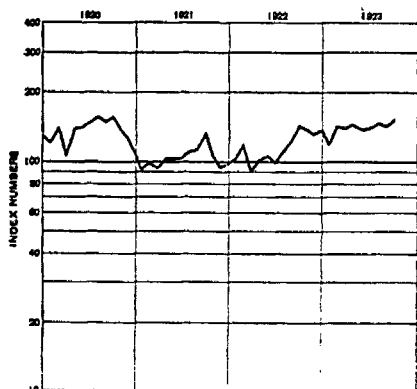
BITUMINOUS COAL PRODUCTION.



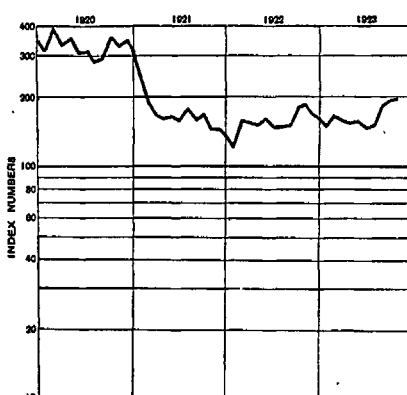
COTTON CONSUMPTION.



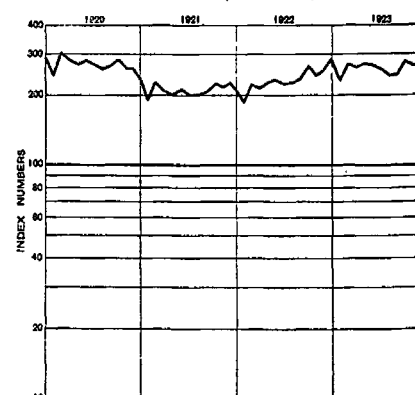
NET FREIGHT TON-MILES.



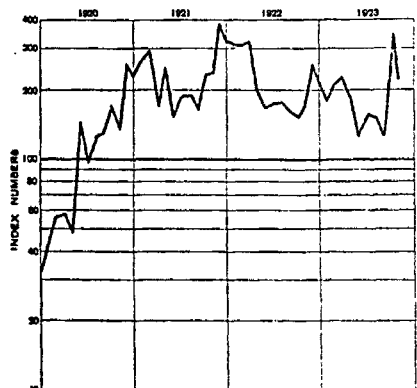
EXPORTS (VALUES).



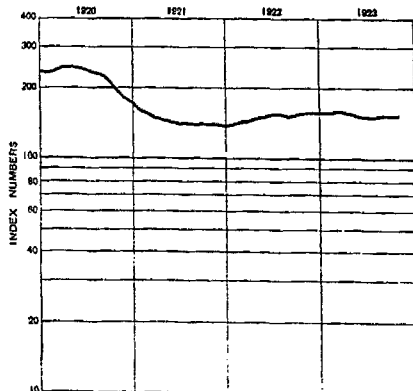
BANK CLEARINGS OUTSIDE NEW YORK CITY (VALUES.)



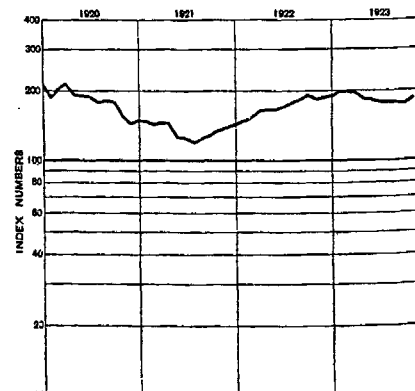
DEFAULTED LIABILITIES (VALUES).



WHOLESALE PRICES.



PRICE OF 25 INDUSTRIAL STOCKS.



BUSINESS INDICATORS.

The following table gives comparative index 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 index 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 index 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 index numbers, compared to previous months, does reflect the present tendency in each item and will give a basis for business judgment.

| COMMODITY. | MONTHLY AVERAGE. | | | 1922 | | | 1923 | | | | | | | | | | |
|-----------------------------------------------------------|------------------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|------|-------|
| | 1920 | 1921 | 1922 | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. |
| 1913 monthly average=100. | | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | | |
| Pig iron * | 119 | 54 | 87 | 103 | 111 | 121 | 126 | 117 | 138 | 139 | 151 | 143 | 144 | 134 | 122 | 123 | 113 |
| Steel ingots..... | 135 | 64 | 114 | 135 | 136 | 131 | 151 | 137 | 160 | 156 | 166 | 149 | 139 | 146 | 131 | 141 | 123 |
| Copper..... | 99 | 39 | 81 | 101 | 101 | 103 | 110 | 101 | 119 | 116 | 123 | 123 | 123 | 128 | 122 | 130 | 125 |
| Anthracite coal..... | 97 | 99 | 53 | 112 | 112 | 111 | 114 | 102 | 117 | 106 | 112 | 114 | 109 | 116 | 38 | 114 | 102 |
| Bituminous coal..... | 116 | 87 | 85 | 113 | 114 | 117 | 126 | 106 | 117 | 107 | 116 | 114 | 113 | 123 | 116 | 123 | 108 |
| Crude petroleum..... | 178 | 189 | 222 | 231 | 230 | 242 | 249 | 234 | 271 | 281 | 299 | 297 | 315 | 318 | 311 | 319 | 312 |
| Cotton (consumption) * 1 | 111 | 85 | 102 | 111 | 120 | 110 | 127 | 118 | 130 | 120 | 129 | 112 | 96 | 102 | 100 | 112 | 110 |
| Beef..... | 121 | 109 | 121 | 141 | 134 | 124 | 125 | 107 | 117 | 119 | 129 | 122 | 119 | 133 | 129 | 151 | ..... |
| Pork..... | 111 | 116 | 129 | 113 | 146 | 183 | 188 | 156 | 177 | 153 | 153 | 156 | 146 | 134 | 115 | 148 | ..... |
| Unfilled orders: | | | | | | | | | | | | | | | | | |
| U. S. Steel Corporation..... | 170 | 90 | 96 | 117 | 116 | 114 | 117 | 123 | 125 | 123 | 118 | 103 | 100 | 92 | 85 | 79 | 74 |
| Stocks: | | | | | | | | | | | | | | | | | |
| Crude petroleum..... | 109 | 152 | 234 | 253 | 252 | 252 | 251 | 247 | 255 | 260 | 267 | 276 | 285 | 289 | 297 | 304 | 297 |
| Cotton (mills and warehouses) * 1 | 150 | 183 | 161 | 183 | 191 | 193 | 176 | 155 | 145 | 124 | 103 | 83 | 65 | 64 | 94 | 297 | 168 |
| Prices: | | | | | | | | | | | | | | | | | |
| Wholesale index, all commodities (Dept. Labor)..... | 226 | 147 | 149 | 154 | 156 | 156 | 156 | 157 | 159 | 159 | 156 | 153 | 151 | 150 | 154 | 153 | 152 |
| Retail food (Dept. Labor)..... | 203 | 153 | 142 | 140 | 145 | 147 | 144 | 142 | 142 | 143 | 143 | 144 | 147 | 146 | 149 | 150 | 151 |
| Retail coal, bitum.—U. S. average (Dept. Labor)..... | 207 | 197 | 188 | 205 | 208 | 207 | 206 | 205 | 203 | 192 | 186 | 185 | 185 | 183 | 184 | 186 | 185 |
| Farm crops (Dept. Agriculture) * 1 | 238 | 109 | 113 | 110 | 118 | 123 | 126 | 130 | 134 | 139 | 140 | 139 | 136 | 136 | 138 | 139 | 137 |
| Farm livestock (Dept. Agriculture)..... | 168 | 107 | 111 | 110 | 105 | 104 | 106 | 107 | 106 | 107 | 105 | 100 | 102 | 102 | 109 | 103 | 97 |
| Business finances: | | | | | | | | | | | | | | | | | |
| Defaulted liabilities..... | 108 | 230 | 229 | 152 | 177 | 229 | 217 | 179 | 213 | 227 | 181 | 126 | 157 | 151 | 126 | 349 | 221 |
| Price 25 industrial stocks *..... | 184 | 136 | 169 | 191 | 182 | 187 | 190 | 198 | 199 | 195 | 186 | 182 | 176 | 177 | 177 | 175 | 181 |
| Price 25 railroad stocks *..... | 67 | 64 | 75 | 83 | 76 | 74 | 74 | 79 | 78 | 76 | 73 | 73 | 70 | 68 | 69 | 69 | 70 |
| Banking: | | | | | | | | | | | | | | | | | |
| Bank clearings, New York City..... | 257 | 205 | 230 | 249 | 220 | 240 | 251 | 213 | 251 | 228 | 244 | 237 | 211 | 187 | 191 | 225 | 229 |
| Bank clearings, outside N. Y. City..... | 275 | 212 | 229 | 266 | 245 | 258 | 289 | 230 | 271 | 261 | 271 | 267 | 256 | 242 | 242 | 285 | 266 |
| Commercial paper interest rate..... | 127 | 113 | 76 | 76 | 76 | 80 | 80 | 80 | 87 | 89 | 89 | 86 | 86 | 88 | 89 | 89 | 88 |
| Distribution: | | | | | | | | | | | | | | | | | |
| Imports (value)..... | 294 | 140 | 174 | 231 | 195 | 197 | 220 | 203 | 266 | 244 | 249 | 214 | 192 | 184 | 170 | 206 | 195 |
| Exports (value)..... | 331 | 181 | 154 | 179 | 184 | 166 | 162 | 148 | 165 | 157 | 153 | 155 | 146 | 150 | 184 | 194 | 195 |
| Sales, mail-order houses..... | 284 | 188 | 204 | 268 | 277 | 287 | 243 | 232 | 290 | 272 | 260 | 221 | 199 | 198 | 231 | 335 | 306 |
| Transportation: | | | | | | | | | | | | | | | | | |
| Freight, net ton-miles..... | 137 | 105 | 114 | 144 | 139 | 132 | 138 | 119 | 143 | 140 | 145 | 139 | 141 | 148 | 144 | 154 | ..... |
| 1919 monthly average=100. | | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | | |
| Lumber *..... | 100 | 85 | 114 | 124 | 123 | 124 | 96 | 109 | 99 | 131 | 130 | 135 | 136 | 126 | 133 | 137 | 132 |
| Building contracts (floor space)..... | 72 | 69 | 102 | 100 | 101 | 83 | 83 | 89 | 139 | 138 | 129 | 99 | 90 | 85 | 83 | 116 | 111 |
| Stocks: | | | | | | | | | | | | | | | | | |
| Beef..... | 70 | 43 | 27 | 22 | 28 | 40 | 48 | 48 | 42 | 38 | 33 | 27 | 24 | 19 | 19 | 26 | 39 |
| Pork..... | 97 | 85 | 70 | 67 | 47 | 50 | 68 | 82 | 92 | 102 | 112 | 109 | 113 | 111 | 95 | 59 | 68 |
| Business finances: | | | | | | | | | | | | | | | | | |
| Bond prices index (40 issues)..... | 86 | 87 | 107 | 112 | 110 | 107 | 107 | 107 | 106 | 104 | 103 | 104 | 104 | 103 | 104 | 102 | 103 |
| Banking: | | | | | | | | | | | | | | | | | |
| Debits to individual accounts, outside New York City..... | 114 | 91 | 97 | 94 | 105 | 98 | 112 | 112 | 96 | 112 | 107 | 116 | 111 | 104 | 99 | 113 | 106 |
| Federal Reserve, bills discounted..... | 152 | 91 | 28 | 22 | 24 | 34 | 33 | 31 | 31 | 36 | 33 | 38 | 40 | 39 | 42 | 46 | 41 |
| Federal Reserve, total reserves..... | 97 | 122 | 144 | 146 | 147 | 146 | 144 | 147 | 146 | 145 | 145 | 146 | 146 | 146 | 146 | 146 | 146 |
| Federal Reserve, ratio..... | 87 | 122 | 154 | 156 | 155 | 152 | 144 | 153 | 152 | 150 | 153 | 152 | 153 | 156 | 154 | 152 | 152 |

* Monthly statistics on the movements since January, 1913, or as far back as available, are given on pages 47-49 of the December, 1922, Survey (No. 16).

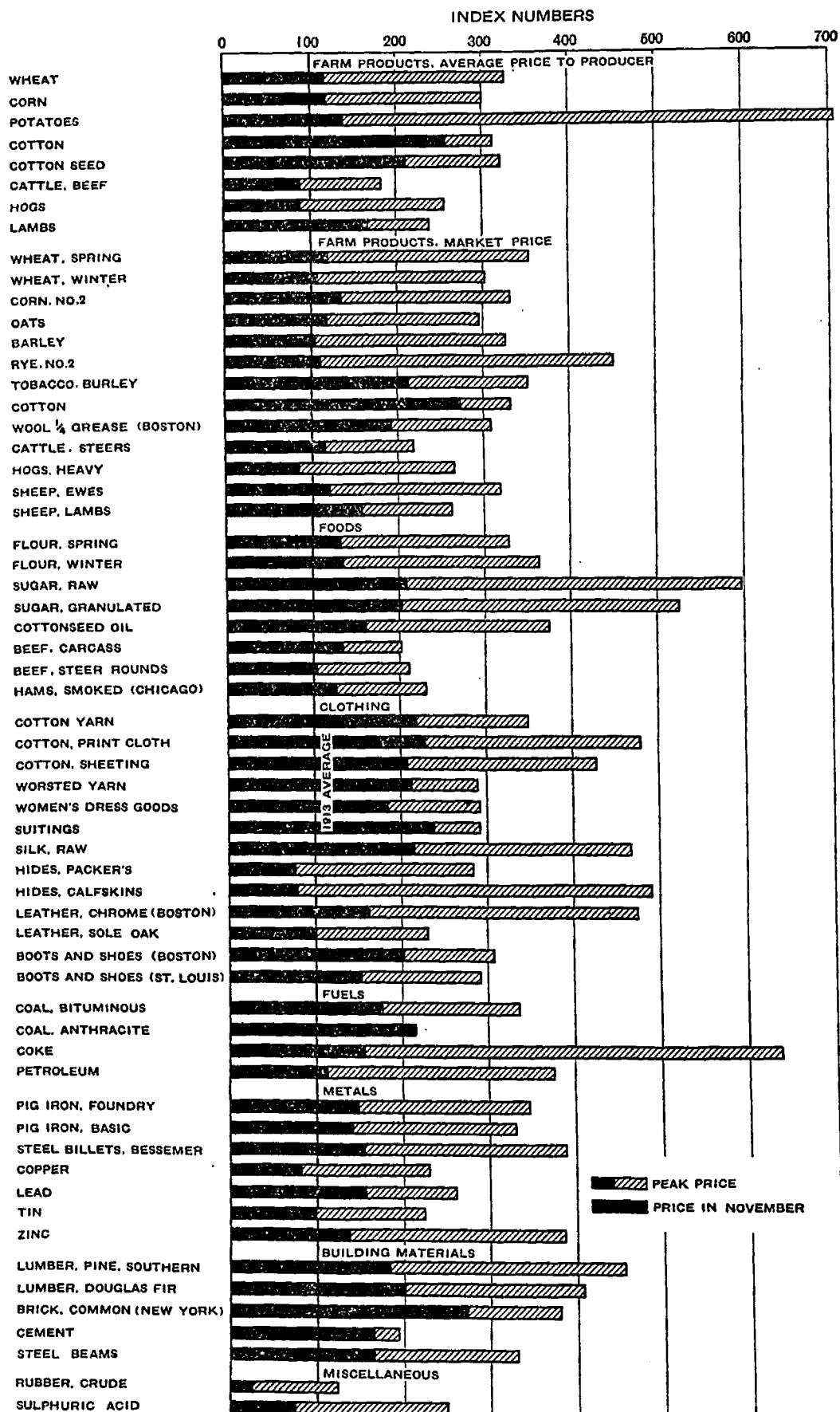
1 Yearly figures are monthly averages for the crop year ending July 31 of year indicated.

* Monthly prices are for the 15th of the month indicated.

* Based on the total computed production reported by 5 associations. Includes southern pine, Douglas fir, western pine, North Carolina pine, and Michigan hard and soft woods. The total production of these associations in 1919 was equal to 11,190,000,000 board feet, compared with a total lumber production for the country of 34,562,000,000 board feet reported by the census.

COMPARISON OF PRESENT WHOLESALE PRICES WITH PEAK AND PRE-WAR.

(Relative prices 1913=100.)



WHOLESALE PRICE COMPARISONS—MAXIMUM PRICE COMPARED TO PRICE IN RECENT MONTHS.

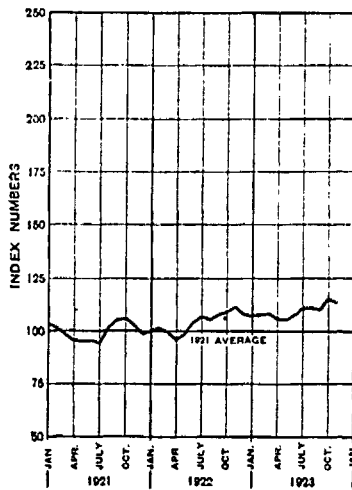
NOTE—Prices to the producer on farm products are from U. S. Department of Agriculture, Bureau of Agricultural Economics. All other prices are from U. S. Department of Labor, Bureau of Labor Statistics, except market price of wool compiled by U. S. Department of Commerce, Bureau of the Census. As far as possible all quotations represent prices to the producer or at the mill. See diagram on page 4.

| COMMODITIES. | Date and maximum relative price. | Septem-ber, 1923. | October, 1923. | Novem-ber, 1923. | Per cent increase (+) or decrease (—) in Novem-ber from October. | |
|--------------------------------------------------------------------------------------------|----------------------------------|---------------------|----------------|------------------|------------------------------------------------------------------|-------|
| | | Relative price. | | | | |
| | | (1913 average=100.) | | | | |
| Farm products—Average price to producers: | | | | | | |
| Wheat..... | June, 1920 | 326 | 118 | 120 | 117 | — 2.5 |
| Corn..... | July, 1920 | 300 | 139 | 136 | 118 | —13.2 |
| Potatoes..... | June, 1920 | 706 | 168 | 139 | 138 | — 0.7 |
| Cotton..... | July, 1920 | 312 | 227 | 240 | 258 | + 7.5 |
| Cottonseed..... | May, 1920 | 321 | 188 | 188 | 211 | +12.2 |
| Cattle, beef..... | May, 1919 | 183 | 97 | 93 | 89 | — 4.3 |
| Hogs..... | July, 1919 | 256 | 104 | 96 | 89 | — 7.3 |
| Lambs..... | Apr., 1920 | 239 | 169 | 167 | 166 | — 0.6 |
| Farm products—Market prices: | | | | | | |
| Wheat, No. 1, northern, spring (Chicago)..... | May, 1920 | 354 | 127 | 131 | 120 | — 8.4 |
| Wheat, No. 2, red, winter (Chicago)..... | May, 1920 | 302 | 106 | 111 | 108 | — 2.7 |
| Corn, contract grades, No. 2, cash (Chicago)..... | Sept., 1917 | 331 | 142 | 162 | 135 | —16.7 |
| Oats, contract grades, cash (Chicago)..... | June, 1920 | 296 | 110 | 117 | 118 | + 0.9 |
| Barley, fair to good, malting (Chicago)..... | Mar., 1918 | 325 | 105 | 108 | 105 | — 2.8 |
| Rye, No. 2, cash (Chicago)..... | Mar., 1918 | 451 | 110 | 113 | 111 | — 1.8 |
| Tobacco, burley, good leaf, dark red (Louisville)..... | Mar., 1919 | 352 | 212 | 212 | 212 | 0.0 |
| Cotton, middling upland (New York)..... | Apr., 1920 | 331 | 223 | 235 | 274 | +16.6 |
| Wool, $\frac{1}{2}$ blood combing, Ohio and Pennsylvania fleeces (Boston)..... | Apr., 1918 | 308 | 188 | 188 | 192 | + 2.1 |
| Cattle, steers, good to choice, corn fed (Chicago)..... | Mar., 1919 | 218 | 125 | 123 | 116 | — 5.7 |
| Hogs, heavy (Chicago)..... | July, 1919 | 266 | 103 | 93 | 85 | — 8.4 |
| Sheep, ewes (Chicago)..... | Apr., 1918 | 319 | 117 | 113 | 121 | + 7.1 |
| Sheep, lambs (Chicago)..... | Feb., 1920 | 263 | 169 | 164 | 158 | — 3.7 |
| Food: | | | | | | |
| Flour, standard patents (Minneapolis)..... | May, 1920 | 328 | 136 | 135 | 132 | — 2.8 |
| Flour, winter straights (Kansas City)..... | May, 1917 | 363 | 137 | 140 | 136 | — 2.9 |
| Sugar, 96° centrifugal (New York)..... | May, 1920 | 598 | 199 | 217 | 208 | — 4.1 |
| Sugar, granulated, in barrels (New York)..... | May, 1920 | 526 | 193 | 210 | 203 | — 3.3 |
| Cottonseed oil, prime summer yellow (New York)..... | July, 1919 | 374 | 162 | 165 | 162 | — 1.8 |
| Beef, fresh carcass good native steers (Chicago)..... | Sept., 1920 | 201 | 135 | 135 | 135 | 0.0 |
| Beef, fresh steer rounds No. 2 (Chicago)..... | July, 1920 | 211 | 132 | 118 | 104 | —11.9 |
| Pork, smoked hams (Chicago)..... | July, 1919 | 231 | 134 | 132 | 126 | — 4.6 |
| Clothing: | | | | | | |
| Cotton yarns, carded, white, northern, mule spun, 22-1 cones (Boston)..... | May, 1920 | 348 | 191 | 200 | 218 | + 9.0 |
| Cotton, print cloth, 27 inches, 64 x 60-7.60 yards to pound (Boston)..... | Apr., 1920 | 478 | 204 | 217 | 229 | + 5.5 |
| Cotton, sheeting, brown, $\frac{4}{4}$ Ware Shoals L. L. (New York)..... | May, 1920 | 427 | 181 | 204 | 208 | + 2.0 |
| Worsted yarns: 2/32's crossbred stock, white, in skein (Boston)..... | Jan., 1920 | 289 | 219 | 212 | 212 | 0.0 |
| Women's dress goods, storm serge, all-wool, double warp, 50 inches (New York)..... | Oct., 1918 | 292 | 184 | 184 | 184 | 0.0 |
| Suitings, wool, dyed blue, 55-56 inches, 16-ounce Middlesex (New York)..... | July, 1920 | 291 | 239 | 239 | 239 | 0.0 |
| Silk, raw Japanese, Kansai No. 1 (New York)..... | Jan., 1920 | 466 | 269 | 215 | 215 | 0.0 |
| Hides, green salted, packer's, heavy native steers (Chicago)..... | Aug. 1919 | 283 | 77 | 84 | 77 | — 8.3 |
| Hides, calfskins, No. 1, country, 8 to 15 pounds (Chicago)..... | Aug., 1919 | 490 | 81 | 83 | 79 | — 4.8 |
| Leather, chrome calf, dull or bright "B" grades (Boston)..... | Nov., 1919 | 473 | 163 | 163 | 163 | 0.0 |
| Leather, sole, oak, scoured backs, heavy (Boston)..... | Aug., 1919 | 230 | 109 | 104 | 101 | — 2.9 |
| Boots and shoes, men's black calf, blucher (Massachusetts)..... | Mar., 1920 | 308 | 202 | 201 | 201 | 0.0 |
| Boots and shoes, men's dress welt tan calf (St. Louis)..... | Aug., 1919 | 292 | 153 | 153 | 153 | 0.0 |
| Fuels: | | | | | | |
| Coal, bituminous, Pittsburgh, mine run—Kanawha (Cincinnati)..... | Sept., 1922 | 336 | 177 | 177 | 177 | 0.0 |
| Coal, anthracite, chestnut (New York tidewater)..... | Oct., 1921 | 201 | 210 | 216 | 216 | 0.0 |
| Coke, Connellsville (range of prompt and future) furnace—at ovens..... | Aug., 1920 | 637 | 177 | 152 | 156 | + 2.6 |
| Petroleum, crude, Kansas-Oklahoma—at wells..... | Mar., 1920 | 375 | 144 | 133 | 112 | —15.8 |
| Metals: | | | | | | |
| Pig iron, foundry No. 2, northern (Pittsburgh)..... | July, 1917 | 346 | 166 | 159 | 148 | — 6.9 |
| Pig iron, basic, valley furnace..... | Sept., 1920 | 330 | 169 | 160 | 142 | —11.3 |
| Steel billets, Bessemer (Pittsburgh)..... | July, 1917 | 388 | 162 | 155 | 155 | 0.0 |
| Copper ingots, electrolytic, early delivery (New York)..... | Mar., 1917 | 230 | 85 | 80 | 81 | + 1.3 |
| Lead, pig, delivered, for early delivery (New York)..... | June, 1917 | 261 | 161 | 156 | 157 | + 0.6 |
| Tin, pig, for early delivery (New York)..... | May, 1918 | 224 | 93 | 93 | 99 | + 6.5 |
| Zinc, slab, western, early delivery (New York)..... | June, 1915 | 386 | 117 | 114 | 115 | + 0.9 |
| Building materials and miscellaneous: | | | | | | |
| Lumber, pine, southern, yellow flooring, 1 x 4, "B" and better (Hattiesburg district)..... | Feb., 1920 | 455 | 190 | 192 | 184 | — 4.2 |
| Lumber, Douglas fir, No. 1, common, s 1 5, 1 x 8 x 10 (State of Washington)..... | Jan., 1920 | 407 | 190 | 201 | 201 | 0.0 |
| Brick, common red, domestic building (New York)..... | Feb., 1920 | 381 | 305 | 290 | 274 | — 5.5 |
| Brick, common building, salmon, run of kiln (Chicago)..... | Oct., 1920 | 251 | 175 | 182 | 174 | — 4.4 |
| Cement, Portland, net without bags to trade, f. o. b. plant (Chicago district)..... | Sept., 1920 | 195 | 173 | 173 | 166 | — 4.0 |
| Steel beams, mill (Pittsburgh)..... | June, 1917 | 331 | 166 | 166 | 166 | 0.0 |
| Rubber, Para Island, fine (New York)..... | Jan., 1913 | 124 | 30 | 27 | 25 | — 6.4 |
| Sulphuric acid, 66° (New York)..... | Feb., 1916 | 250 | 75 | 75 | 75 | 0.0 |

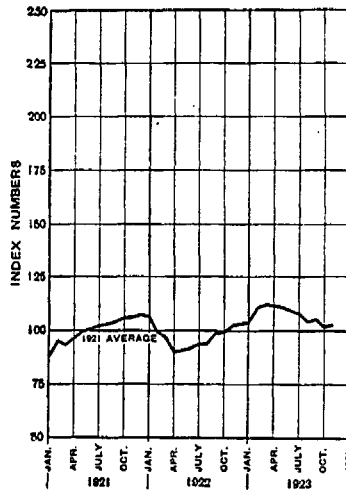
EMPLOYMENT IN VARIOUS INDUSTRIES.¹

(Relative employment 1921=100.)

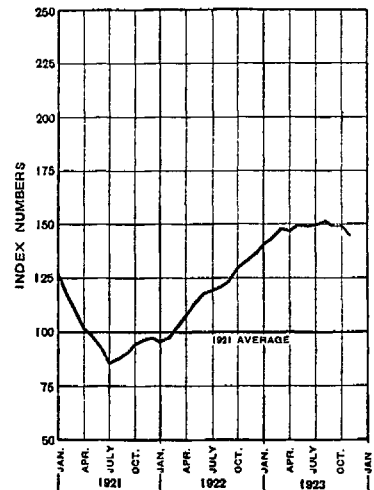
FOOD AND KINDRED PRODUCTS.



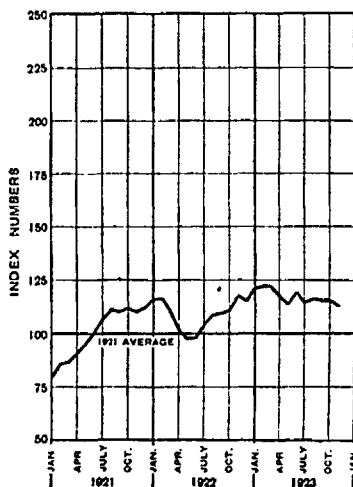
TEXTILES AND THEIR PRODUCTS.



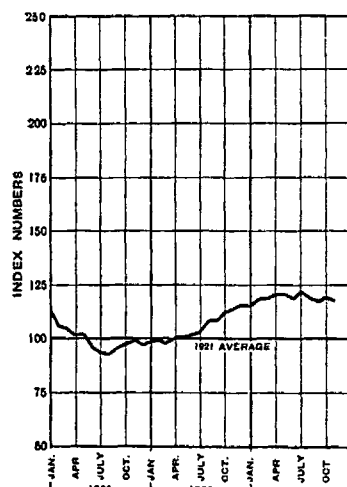
IRON AND STEEL AND THEIR PRODUCTS.



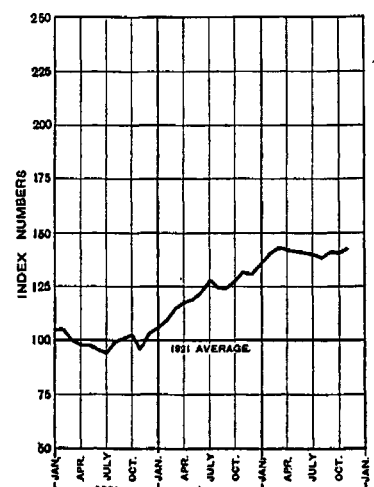
LEATHER AND FINISHED GOODS.



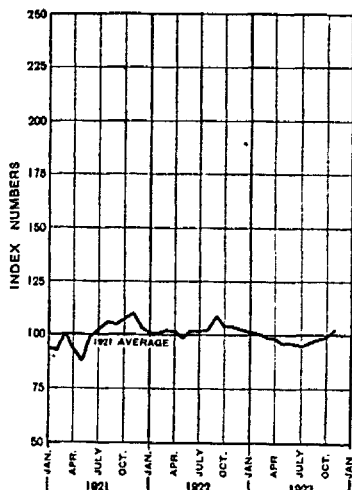
CHEMICALS.



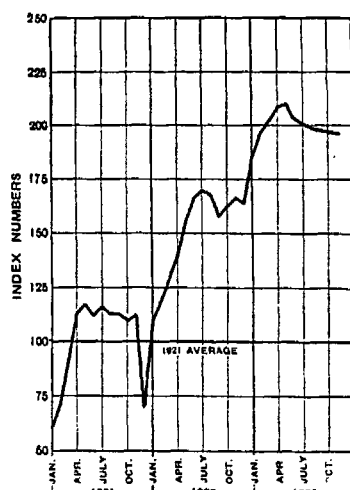
**METALS AND METAL PRODUCTS
(other than iron and steel).**



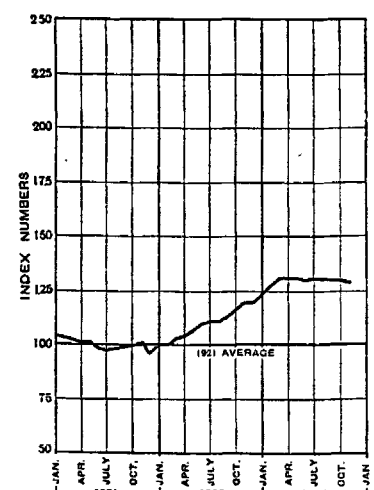
TOBACCO MANUFACTURES.



VEHICLES FOR LAND TRANSPORTATION.



**TOTAL, ALL INDUSTRIES
(1,428 factories).**



¹ Detailed data, on which these charts are based, covering the 14 major industries as grouped according to classification in the census of manufactures will be found on pages 152 and 153 of the November issue (No. 27) of the Survey of Current Business.

BUSINESS SUMMARY.

Index 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 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. 25.)

| | 1922 | | 1923 | | | |
|----------------------------------------------------------|----------|-----------|---------|------------|----------|------------------|
| | October. | November. | August. | September. | October. | November. |
| PRODUCTION: | | | | | | |
| Manufacturing (65 commodities)..... | 112 | 111 | 119 | 112 | 121 | ¹ 111 |
| Raw materials, total..... | 153 | 136 | 121 | 131 | 157 | 141 |
| Minerals..... | 126 | 121 | 155 | 138 | 151 | 136 |
| Animal products..... | 112 | 113 | 110 | 108 | 122 | 123 |
| Crops..... | 195 | 160 | 113 | 144 | 184 | 158 |
| Forestry..... | 118 | 117 | 136 | 125 | 132 | 119 |
| Electric power..... | 134 | 136 | 144 | 140 | 152 | 149 |
| Building construction (contracts awarded)..... | 100 | 101 | 85 | 83 | 116 | 111 |
| STOCKS OF COMMODITIES..... | 123 | 124 | 106 | 112 | 125 | 123 |
| UNFILLED ORDERS (relative to 1920)..... | 72 | 71 | 60 | 58 | 54 | 53 |
| SALES (based on value): | | | | | | |
| Mail-order houses..... | 109 | 110 | 73 | 92 | 134 | 122 |
| Ten-cent chains..... | 157 | 153 | 154 | 152 | 182 | 177 |
| Wholesale trade..... | 89 | 81 | 89 | 93 | 98 | 84 |
| Department stores..... | 130 | 131 | 100 | 112 | 148 | 142 |
| PRICES (recomputed to 1919 base): | | | | | | |
| Wholesale, all commodities..... | 154 | 156 | 150 | 154 | 153 | 152 |
| Retail food..... | 143 | 145 | 146 | 149 | 150 | 151 |
| COST OF LIVING (recomputed to 1919 base)..... | 77 | 78 | 78 | 80 | 81 | 81 |
| FACTORY EMPLOYMENT (recomputed to 1919 base)..... | 89 | 91 | 99 | 99 | 99 | 99 |
| TRANSPORTATION: | | | | | | |
| Net freight ton-mile operation..... | 119 | 115 | 122 | 119 | 128 | ----- |
| Average weekly carloadings..... | 124 | 118 | 130 | 130 | 134 | 122 |
| Net available car surplus (end of month)..... | -106 | -78 | 35 | 16 | 7 | 92 |

¹ Partly estimated.

BUSINESS CONDITIONS IN NOVEMBER.

The following pages contain a review, by principal industries, of the more important statistics shown in the table on "Trend of business movements" (p. 29). Summaries of production, stocks, sales, and price changes are also shown, taken from the data in the tables of "Indexes of business" (p. 25).

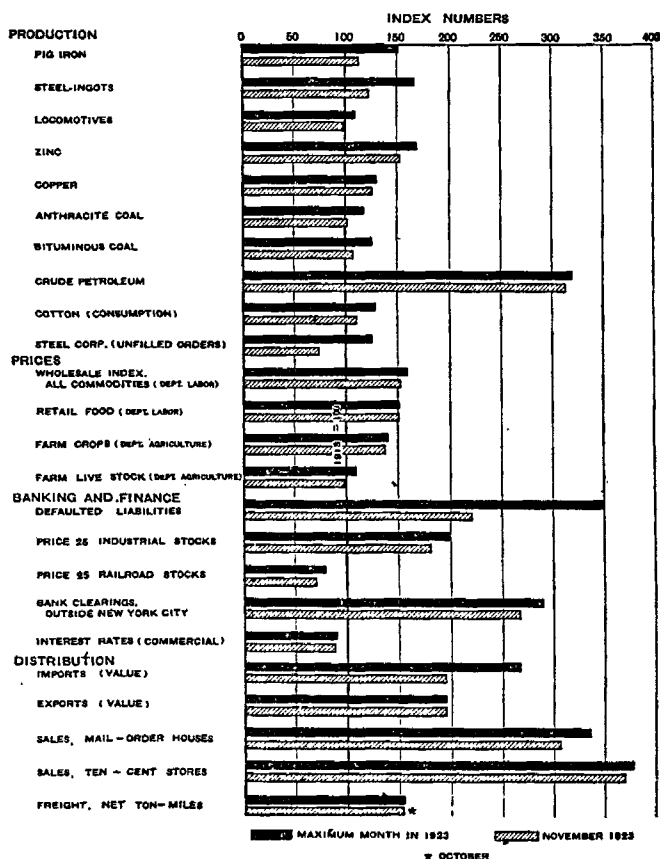
PRODUCTION.

Mineral production for November, based on the 1919 monthly averages as 100, stood at 136 as against 151 in October and 121 a year ago. Decreases from October occurred in all minerals except zinc and gold, while, compared with a year ago, all minerals had a larger output except bituminous and anthracite coal and lead.

Marketings of animal products stood at 122 for November as against 122 in October and 113 a year ago. Increases occurred over a year ago in all classes of animal products except wool, cattle, and sheep. Crop marketings show the following comparisons with a year ago: Grains 120 against 145, vegetables 141 against 132, fruits 226 against 161, cotton and cottonseed 201 against 204. The total index at 158 compares with 160 a year ago.

The output of manufactured goods, according to the revised index on a 1919 base as 100, shows textiles at 109 compared with 111 in October, iron and steel at 113 compared with 127, paper 105 compared with 107,

BUSINESS INDICATORS—COMPARISON OF NOVEMBER WITH MAXIMUM MONTH OF 1923.



metals (except iron and steel 156) against 175, tobacco 113 against 125. The total index stands at 111, the same as a year ago, and compares with 121 in October.

Building construction, as shown by floor space of contracts awarded, stood at 111 in November, with the 1919 average as 100, as against 116 in October and 101 a year ago.

STOCKS.

The trend of commodity stocks is shown by the following comparisons for the end of November with the previous month and a year ago, based on 1919 as 100: Cotton 107 against 95 and 122, pig iron 186 as against 173 and 39, building equipment (except lumber) 107 against 96 and 94, nonferrous metals 98 against 265 and 195. The total stock index of 123 for the end of November compares with 123 for October and 124 in November, 1922.

SALES.

Manufacturers' sales generally showed increases over October in the iron and steel industry, but declines in textiles and building materials. Sales in general were less than a year ago. The index of unfilled orders on manufacturers' books stood at 53 as against 54 in October, based on the 1920 average as 100.

Wholesale trade, based on value, stood at 84 in November, with 1919 as 100, as against 98 in October, while a year ago the drop was from 89 to 81. All lines except shoes were higher than a year ago, and all made a seasonal decline from October, 1923.

A similar seasonal movement occurred in retail trade. Compared with a year ago, on a 1919 base, sales of mail-order houses stood at 122 as against 110 in November, 1922, ten-cent chains 177 against 153, department stores 142 against 131. Value of department-store stocks at 149 compares with 146 at the end of October and 130 a year ago.

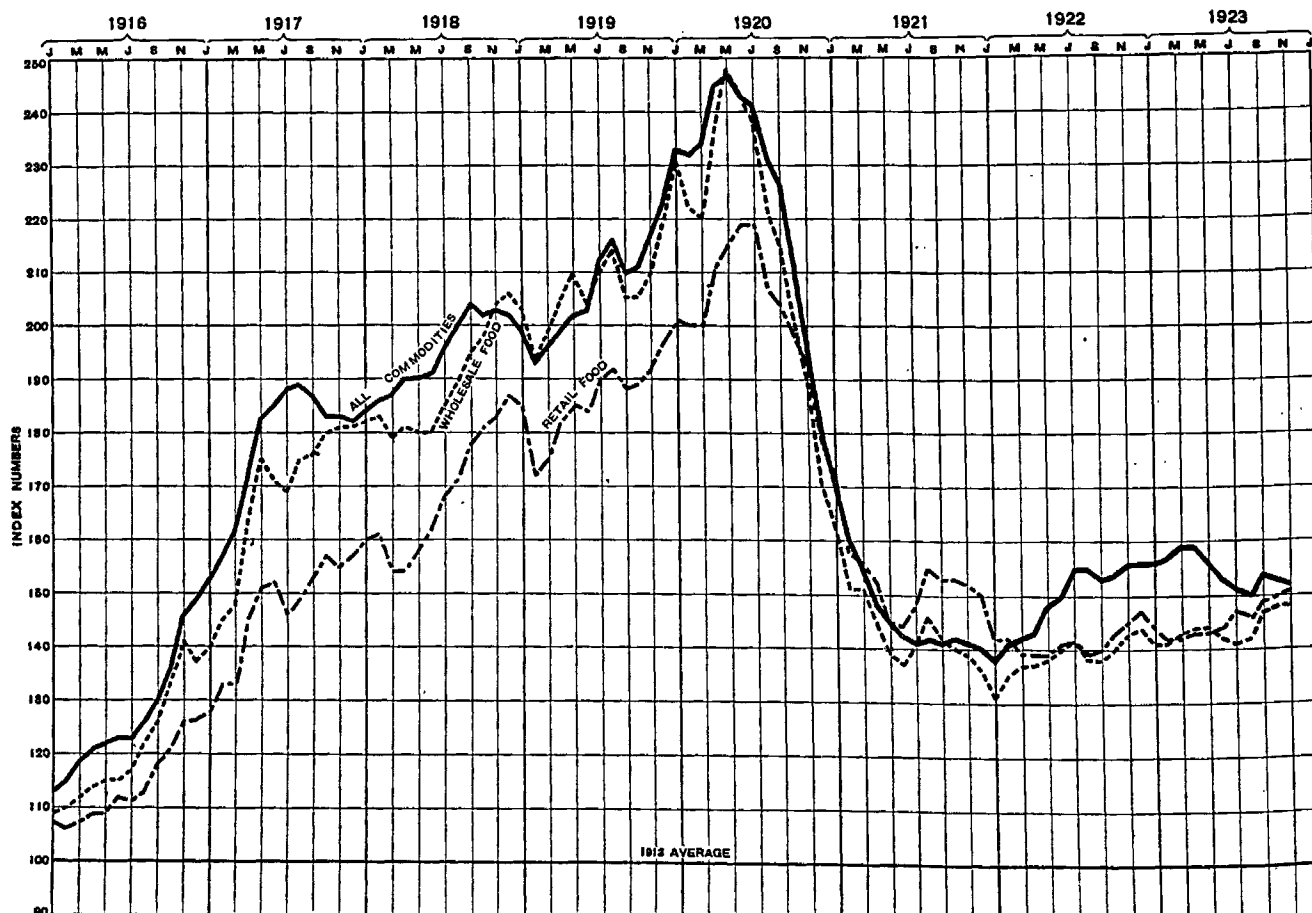
PRICES.

Prices received by producers averaged 137 for crops as of November 15, based on 1913 average prices as 100, as against 139 in October and 118 a year ago. The livestock index stood at 97 as against 103 in October and 105 a year ago.

Wholesale prices, as computed by the Department of Labor on a 1913 base, averaged 152 in November as against 153 in October and 156 a year ago. The farm products, clothing and chemical groups showed an increase, the remaining groups declining from October. As regrouped by the Federal Reserve Board, this index shows a decline in all classes of raw

COMPARISON OF WHOLESALE AND RETAIL FOOD PRICE INDEX NUMBERS.

WITH INDEX OF ALL COMMODITIES AT WHOLESALE.
(U. S. Department of Labor index numbers. Relative prices 1913=100.)



products except agricultural products, as well as in producers' goods; consumers' goods remained unchanged. Dun's index at 158 remained unchanged, and compares with 153 a year ago, while Bradstreet's index stood at 146 as against 143 a month previous and 150 a year ago.

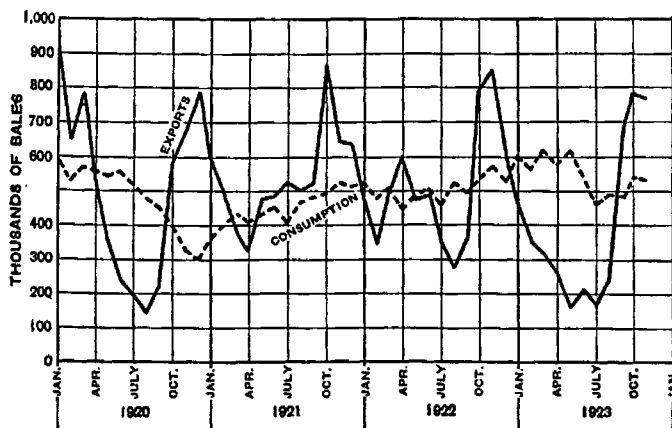
Compared with the stationary price of 163 for the United States, as shown by the Federal Reserve Board's index for international price comparisons, British and French prices rose, while Canadian prices declined.

Retail-food prices, according to the index of the Department of Labor, stood at 151 as against 150 in October and 145 a year ago. The cost-of-living computation at 165 in November compares with 164 in October and 158 a year ago. Food, shelter, and sundries increased from October, while clothing and fuel and lighting declined.

TEXTILES.

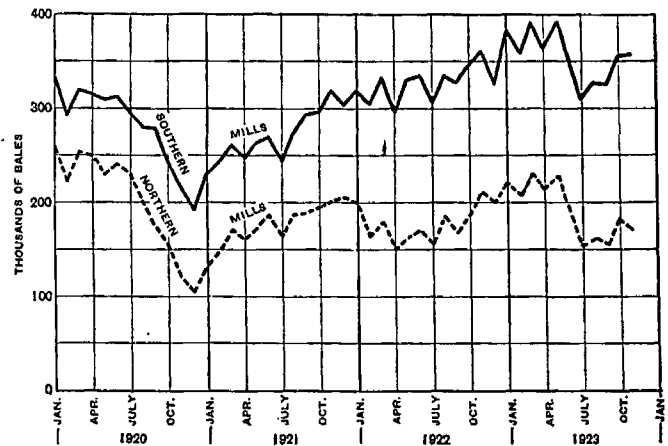
Wool consumption in November declined from the preceding month while the activity of wool machinery likewise declined from October. Receipts of wool at Boston, totaling 11,676,000 pounds, were 63 per cent below November a year ago. Of the November total, the receipts of foreign wool aggregated 3,474,000 pounds, which may be compared with 21,731,000 pounds of foreign wool received at Boston, in November, 1922. Imports of wool increased slightly in November but were only one-third as large as a year ago while prices of wool and woollen goods remained stationary during the month.

EXPORTS AND CONSUMPTION OF COTTON.



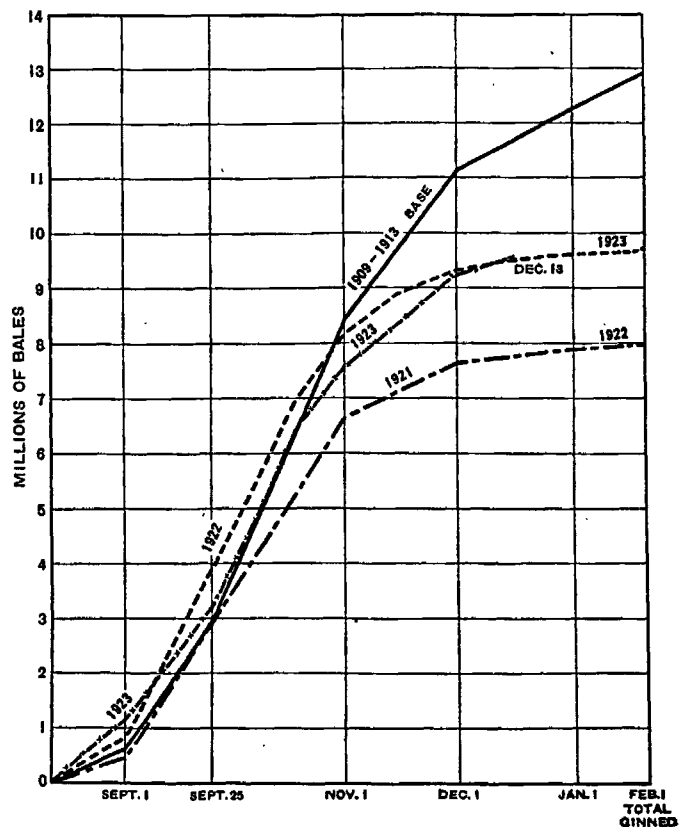
Cotton consumption by textile mills in November declined 2 per cent from the preceding month and 8 per cent from November a year ago. Stocks of cotton held by mills and warehouses totaled 5,209,355 bales on November 30, 27.6 per cent of which total was held by mills, as against 5,922,443 bales a year ago, when 29.0 per cent of the stocks was held by mills. Imports of raw cotton increased seasonally but were only one-third as great as the volume of imports of a year ago.

COTTON CONSUMPTION IN NORTHERN AND SOUTHERN MILLS

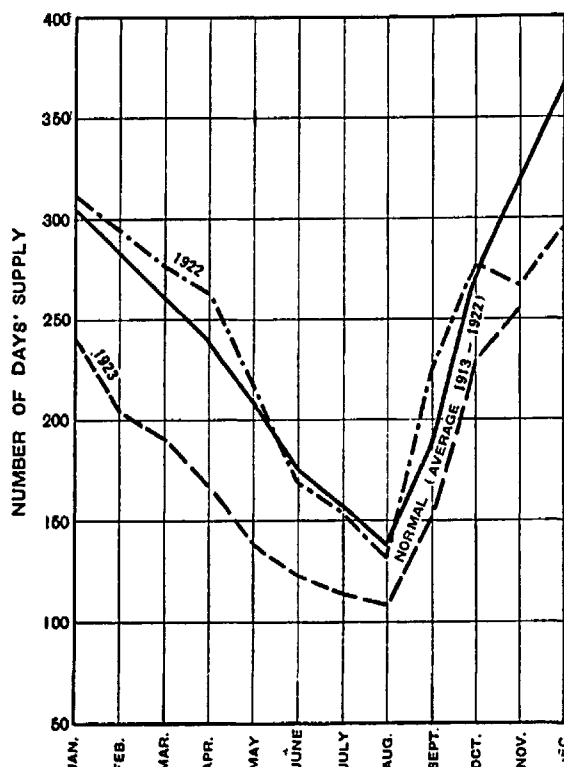


Exports of unmanufactured cotton declined both from the preceding month and from November, 1922. Exports of cotton cloth declined, being in November about 20 per cent less than a year ago. Fewer cotton spindles were active in November while total activity in spindle hours registered a decline of 4 per cent from the preceding month. Wholesale prices of cotton and cotton goods averaged higher in November while prices paid for cotton to the producer on December 1 averaged 8 per cent higher than the prevailing prices on November 1. New orders and shipments of all classes of cotton goods from finishing plants declined in November both from the preceding month and from November a year ago.

CUMULATIVE COTTON GINNINGS TO SPECIFIED DATES.



STOCKS OF COTTON: NUMBER OF DAY'S SUPPLY AT DAILY RATE OF CONSUMPTION.



Consumption of silk as seen from deliveries to textile mills registered a slight decline in November from the preceding month, but from a year ago the decline amounted to 29 per cent. For the 11 months of 1923 a total of 335,143 bales of silk was delivered to consuming establishments as against 336,578 bales for the corresponding period of 1922. Imports of raw silk in November increased over the preceding month. Silk stocks at the end of November, although 25 per cent below a year ago, registered an increase of 8 per cent over the October stocks. Wholesale prices of raw silk at New York showed no change from October.

The monthly hosiery report of the Department of Commerce shows the following comparative summary of hosiery production, stocks, and orders for 298 identical establishments representing 382 mills in October and 381 in November.

HOSIERY (IN DOZEN PAIRS).

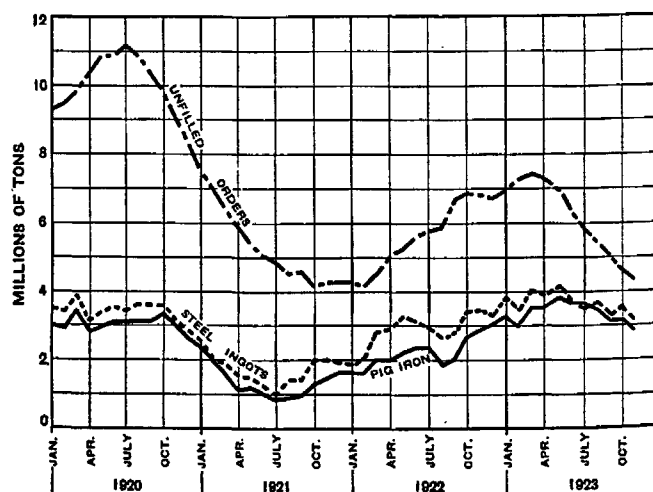
| | OCTOBER, 1923. | | | NOVEMBER, 1923. | | |
|----------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Total. | Men's. | Women's. | Total. | Men's. | Women's. |
| Production: | | | | | | |
| All cotton..... | 2,451,354 | 1,088,081 | 527,168 | 2,448,434 | 1,059,719 | 528,316 |
| All natural silk.. | 958,130 | 273,933 | 674,658 | 976,340 | 293,858 | 674,523 |
| All others..... | 1,087,763 | 467,461 | 461,495 | 1,019,290 | 446,236 | 435,326 |
| Total..... | 4,497,247 | 1,829,475 | 1,663,321 | 4,444,064 | 1,799,813 | 1,636,165 |
| Shipments..... | 4,317,378 | 1,796,414 | 1,678,703 | 3,815,779 | 1,640,729 | 1,361,886 |
| Stocks end of month..... | 6,772,358 | 2,079,052 | 2,777,188 | 7,506,257 | 2,248,473 | 3,039,864 |
| Orders..... | 4,535,205 | 1,812,019 | 1,681,000 | 4,432,347 | 1,921,215 | 1,543,796 |
| Cancellations..... | 191,720 | 74,889 | 76,165 | 277,877 | 97,520 | 100,760 |
| Unfilled orders end of month... | 8,726,817 | 3,395,657 | 2,815,017 | 9,727,249 | 3,862,960 | 3,062,974 |

IRON AND STEEL.

The eastbound movement of iron ore through the Sault Ste. Marie Canals declined seasonally in November but was 47 per cent above the movement a year ago. Stocks of iron ore at furnaces and at Lake Erie docks were below a year ago but registered increases over the holdings on October 31. Consumption of iron ore declined during the month.

The output of pig iron in November declined 8 per cent from the preceding month while the production of steel ingots registered a decline of 12 per cent. Production and shipments of pig iron by merchant furnaces declined while sales and unfilled orders increased. Production of Ohio foundry iron registered an increase both as respects the preceding month and November a year ago, while stocks and receipts of iron decreased. Unfilled orders of the United States Steel Corporation continued to decline. Production of steel sheets by independent mills was equivalent to 67 per cent of plant capacity in November as against 77 per cent in October and 91 per cent in November, 1922. Sales, shipments, and unfilled orders of steel sheets likewise declined during the month. Prices of iron and steel averaged lower in November.

PRODUCTION OF PIG IRON AND STEEL INGOTS AND UNITED STATES STEEL CORPORATION'S UNFILLED ORDERS.



Sales of steel castings increased in November but were 35 per cent below a year ago. New bookings for fabricated structural steel showed an increase over October and over a year ago. The following table shows bookings each month as reported to the Department of Commerce by 177 identical firms with a revised capacity of 234,057 tons per month in 1923 and total sales computed to a capacity of 250,000 tons per month at the rate of sales to capacity of the reporting firms. A recent survey by the Department of Commerce indicates that the capacity of the structural fabricating industry showed little change from 1922, at 250,000 tons per month.

BOOKINGS OF FABRICATED STRUCTURAL STEEL.

| | Actual tonnage booked. | Per cent of capacity. | Computed total bookings. |
|----------------|------------------------|-----------------------|--------------------------|
| 1922. | | | |
| October..... | 133,037 | 58 | 145,000 |
| November..... | 112,367 | 49 | 122,500 |
| December..... | 138,737 | 60 | 150,000 |
| 1923. | | | |
| January..... | 173,294 | 74 | 185,000 |
| February..... | 184,887 | 79 | 197,500 |
| March..... | 220,400 | 94 | 235,000 |
| April..... | 180,117 | 80 | 200,000 |
| May..... | 131,875 | 56 | 140,000 |
| June..... | 118,117 | 50 | 125,000 |
| July..... | 117,563 | 50 | 125,000 |
| August..... | ¹ 134,431 | 58 | 145,000 |
| September..... | ² 121,096 | 52 | 130,000 |
| October..... | ³ 111,692 | 48 | 120,000 |
| November..... | ⁴ 120,858 | 54 | 135,000 |

¹ Reported by 176 firms with a capacity of 232,857 tons.

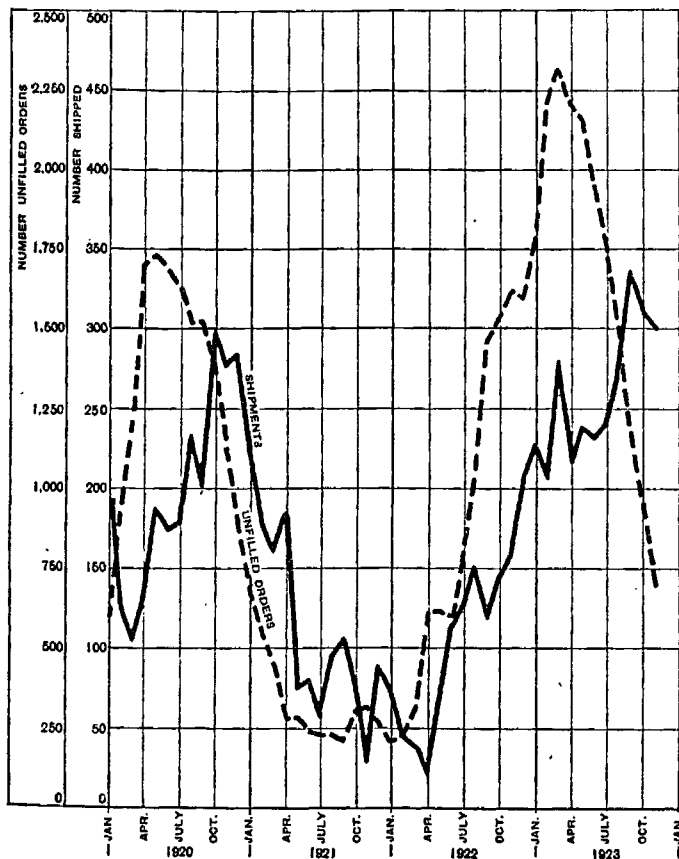
² Reported by 174 firms with a capacity of 232,107 tons.

³ Reported by 169 firms with a capacity of 231,257 tons.

⁴ Reported by 153 firms with a capacity of 223,472 tons.

Locomotive shipments by principal manufacturers declined in November, but shipments during the 11 months ending November totaling 2,860 locomotives were 170 per cent above the same period of 1922. Unfilled orders for locomotives continued to decline and on November 30 stood 70 per cent below March 31, when 2,316 locomotives were on order. New orders for freight cars, although calling for less than one-third as many cars as a year ago, increased from 1,125 cars in October to 5,050 in November.

LOCOMOTIVE SHIPMENTS AND UNFILLED ORDERS.



AUTOMOBILES.

Automobile production declined from October, the passenger-car output totaling 284,680 cars in November compared with 335,027 in October and trucks 27,914 as against 30,166 in October. Shipments of automobiles in November correspondingly declined from the preceding month.

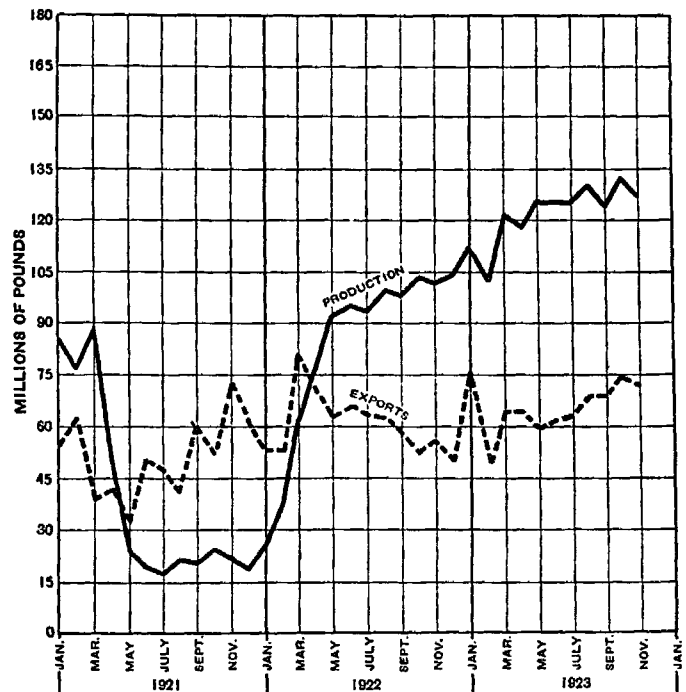
BUTTONS.

The productive activity of manufacturers of freshwater pearl buttons showed no change in November but was still below a year ago. Stocks of buttons at the end of November increased both over October 31 and a year ago.

NONFERROUS METALS.

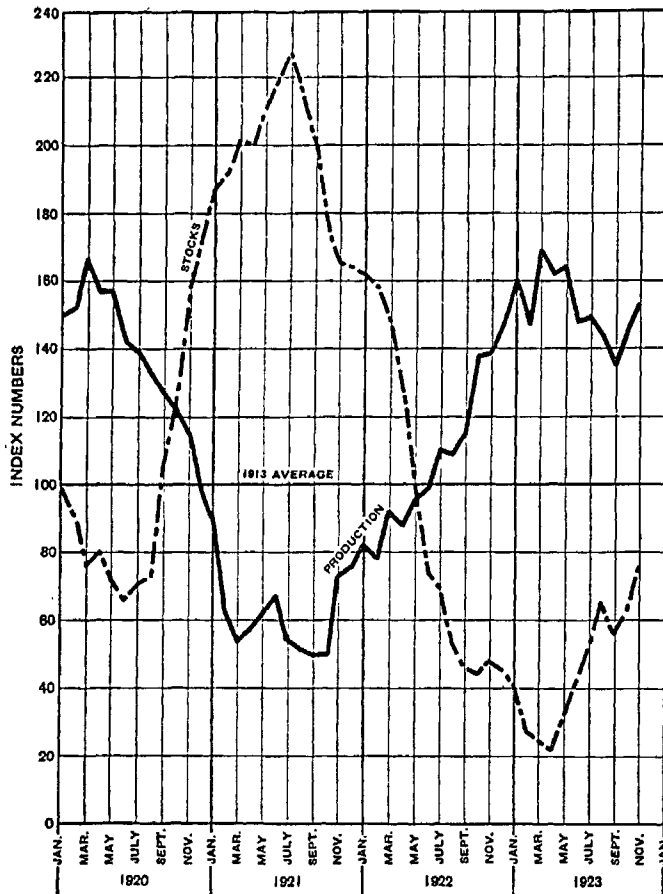
Production and exports of copper, although considerably above a year ago, declined from October, while the wholesale price of electrolytic copper averaged higher during the month. Total copper production by the mines in the United States in the first 11 months of 1923, amounting to 1,347,914,000 pounds, exceeded by 53 per cent the production in the corresponding period of 1922. Copper exports, totaling 723,365,000 pounds, were 7 per cent more than in the 11-month period of 1922.

COPPER PRODUCTION AND EXPORTS.



Zinc production increased 5 per cent in November while stocks of zinc at the end of November increased 20 per cent over the inventories of October 31. Receipts and shipments of zinc at St. Louis declined in November while the price of prime western zinc in slabs showed no change from the preceding month.

RELATIVE PRODUCTION AND STOCK OF ZINC.
(1913 monthly average=100.)

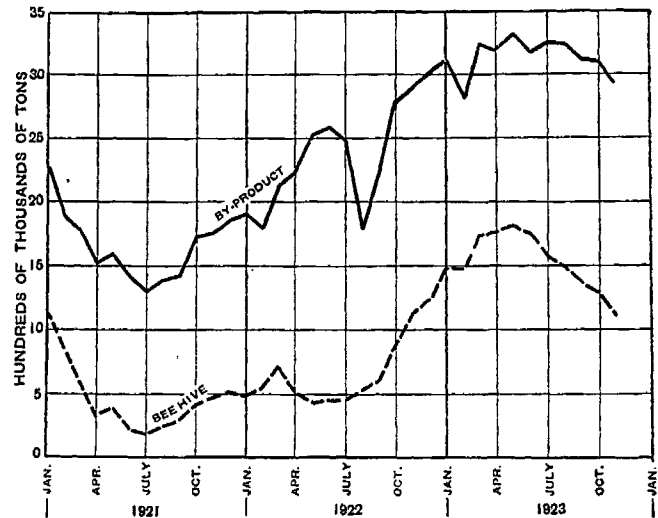


FUELS.

The output of coke, anthracite, and bituminous coal declined in October both as respects the preceding month and November, 1922. Exports of coal and coke likewise declined in November while wholesale prices of coal and coke showed little change.

Production of petroleum declined in November while stocks continued to accumulate and prices of petroleum averaged lower. The number of oil wells completed also declined in November.

PRODUCTION OF BEEHIVE AND BY-PRODUCT COKE.



PRODUCTION OF BITUMINOUS AND ANTHRACITE COAL.



BUILDING CONSTRUCTION.

Construction costs in general averaged lower in November but were from 5 to 15 per cent higher than a year ago.

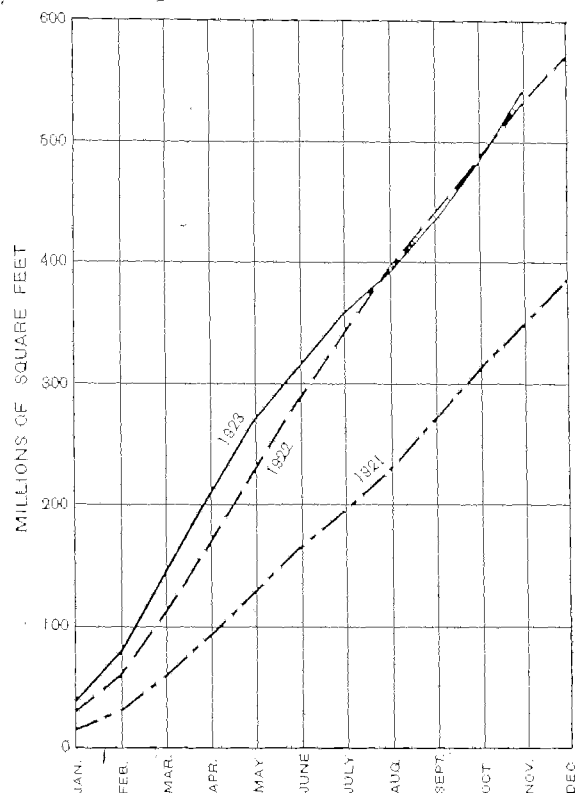
Contracts awarded for building construction in 27 Northeastern States declined in November but were well above the lettings a year ago. For the 11 months of 1923 ending November the lettings in floor space, totaling 543,784,000 square feet, were 2 per cent in excess of those in the same period of 1922. In point of value, contracts awarded during the 11-month period, calling for an expenditure of \$3,226,202,000, registered an increase of 3 per cent over a year ago. Fire losses in the United States and Canada registered a decline in November both as respects the preceding month and November a year ago.

BUILDING MATERIALS.

Production of lumber declined seasonally in November, the output being above a year ago. Correspondingly, shipments of the various important species of lumber declined during the month. Stocks of southern pine lumber at the end of November were 12 per cent below a year ago while for western pine the stocks on November 30 were 6 per cent above a year ago. Stocks and unfilled orders for all species of hardwoods increased over the preceding month. Exports of lumber increased in November, being 27 per cent above a year ago, while prices of lumber in general averaged lower during the month.

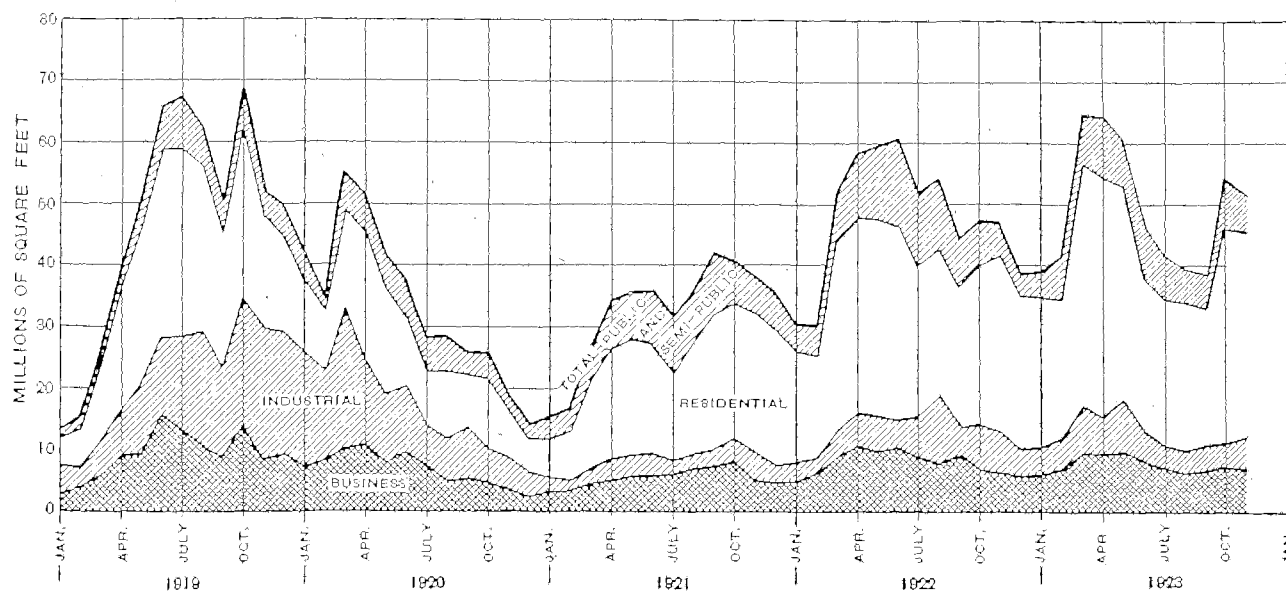
Production of oak flooring increased in November, while the output of maple flooring registered a slight decline from the preceding month. New orders booked and shipments of both classes of flooring declined, while stocks and unfilled orders at the end of November registered advances over the preceding month.

CUMULATIVE VOLUME OF BUILDING CONSTRUCTION.



Production and shipments of refractory bricks declined from the preceding month and were below a year ago, while stocks continued to accumulate. New orders and unfilled orders for clay fire brick continued to decline, while stocks of finished face brick were greater on November 30 than at the end of the preceding month. Production, shipments, and unfilled orders for face brick declined. Production, shipments, new orders, and unfilled orders for paving brick likewise declined in November, the production of No. 1 and No. 2 brick in terms of per-

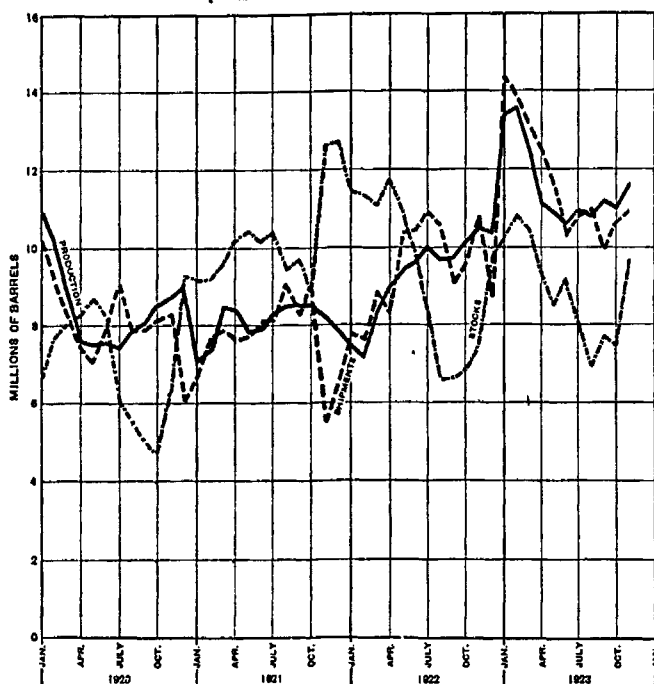
VOLUME OF BUILDING CONTRACTS AWARDED, BY CLASSES.



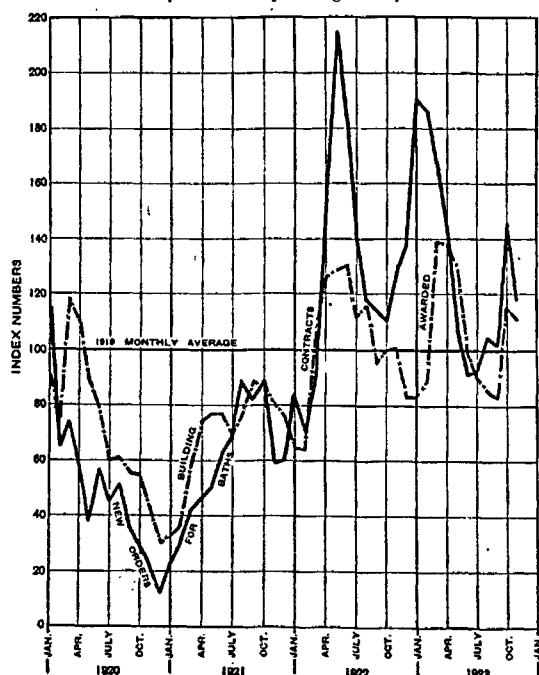
centage to normal plant capacity being 72 in November as compared with 80 in October.

The production and shipments of Portland cement declined seasonally in November but were well above their respective movements a year ago. Stocks of cement increased, being 31 per cent in excess of those held a year ago, while the wholesale price of cement averaged lower during the month. Concrete paving contracts let in November declined, but the awards were still well above a year ago.

CEMENT PRODUCTION, STOCKS, AND SHIPMENTS.
[Seasonal variations eliminated.]



COMPARISON OF NEW ORDERS FOR BATHS AND CONTRACTS AWARDED FOR NEW CONSTRUCTION.
[1919 monthly average=100.]



New orders, shipments, and unfilled orders for all classes of enamel ware declined in November, while stocks at the end of November reflected continued accumulation. The accompanying diagram gives a comparison, in index numbers, between new orders for baths and contracts for building construction.

HIDES AND LEATHER.

With the exception of cattle hides, imports of hides and skins declined in November, all classes averaging about 50 per cent below a year ago. Exports of sole leather increased, while the outward movement of upper leather declined in November.

Boot and shoe production declined 10 per cent in November, while exports increased 10 per cent over the preceding month. Wholesale prices of hides and leather averaged lower in November, while prices of boots and shoes showed no change from October.

The following table shows the number of leather gloves and mittens cut in October and November as reported to the Department of Commerce by 232 identical establishments:

LEATHER GLOVES AND MITTENS CUT (IN DOZEN PAIRS).

| | OCTOBER. | | NOVEMBER. | |
|--------------------------------|------------------|-------------------------|------------------|-------------------------|
| | Men's and boys'. | Women's and children's. | Men's and boys'. | Women's and children's. |
| Dress and street gloves, etc.: | | | | |
| Imported..... | 34,607 | 11,988 | 28,354 | 10,129 |
| Domestic..... | 28,391 | 4,251 | 25,569 | 3,686 |
| Work gloves, mittens, etc..... | 144,019 | 366 | 130,515 | 826 |

CHEMICALS AND OILS.

Imports of potash and nitrate of soda declined in November. Exports of sulphuric acid and fertilizer increased, while exports of dyes and dyestuffs decreased from October. Prices of drugs and pharmaceuticals declined, while prices of essential oils increased.

Receipts of turpentine and rosin at the principal southern ports declined in November, while stocks, although below a year ago, registered the customary seasonal increase. Exports of vegetable oils increased seasonally in November. Consumption of oleomargarine increased in November, exceeding by 22 per cent the consumption a year ago.

Stocks of cottonseed at the end of November were below a year ago, while cottonseed-oil stocks were 20 per cent above a year ago. The price averaged lower than in October. Cottonseed-oil production in November was less than November, 1922.

Receipts, shipments, and stocks of flaxseed at Minneapolis were considerably above a year ago, while these movements in Duluth, except for receipts, registered declines from November, 1922.

CEREALS.

Receipts and shipments of wheat at primary markets declined in November both from the preceding month and from November a year ago. Exports of wheat and wheat flour likewise declined from October and from a year ago. The visible supply of wheat in the United States and Canada east of the Rocky Mountains at the end of November was 46 per cent greater than a year ago. Prices of wheat and wheat flour declined in November.

The following table shows the output of wheat flour reported by over 1,000 mills each month, which made about 84 per cent of the flour produced in 1921, according to the census of manufactures:

WHEAT FLOUR PRODUCTION.

| | July. | August. | September. | October. | November. |
|--------------------------------------------|---------|---------|------------|----------|-----------|
| Wheat ground.....thous. bushels.. | 35,871 | 44,179 | 44,939 | 50,810 | 42,657 |
| Flour produced.....thous. barrels.. | 7,805 | 9,642 | 9,760 | 10,983 | 9,201 |
| Grain ofal produced.....thous. pounds.. | 433,324 | 772,774 | 796,325 | 908,310 | 766,280 |
| Per cent of capacity operated...per cent.. | 48.0 | 54.7 | 62.1 | 62.0 | 58.6 |

Receipts and shipments of corn at the principal markets increased in November, but were below their respective movements a year ago. Exports of corn in November were only one-seventh as large as a year ago, while the visible supply at the end of November was 75 per cent below a year ago. Prices of corn declined sharply in November.

Receipts of oats declined both from October and from November a year ago, while the visible supply at the end of November was 43 per cent below a year ago. Prices of oats averaged higher during the month, while exports of oats and oatmeal, although larger than in October, were only one-third as large as a year ago.

Exports of barley and rye were also less than a year ago, while prices of these grains averaged lower in November than in the preceding month and in November, 1922.

Receipts, shipments, and stocks of rice increased in November, but, except for receipts, were considerably below a year ago. Exports of rice in November were 54 per cent less than a year ago.

MEATS AND DAIRY PRODUCTS.

Receipts, shipments, and slaughter of cattle and sheep declined from October, 1923, and from November, 1922, while for hogs these movements registered substantial increases over October and over a year ago. Exports of pork and pork products exceeded the November, 1922, figures while for beef the November exports were less. Cold-storage holdings of pork at the end of November were 37 per cent greater than a year ago, while for beef and mutton the holdings on November 30 were less than a year ago. Prices of beef and pork in general registered declines in November.

Seasonal declines occurred in receipts and storage holdings of butter, cheese, and eggs, but all these movements were larger than a year ago. Butter prices increased over October, while cheese prices declined.

Receipts and storage holdings of poultry were larger than either October, 1923, or November, 1922.

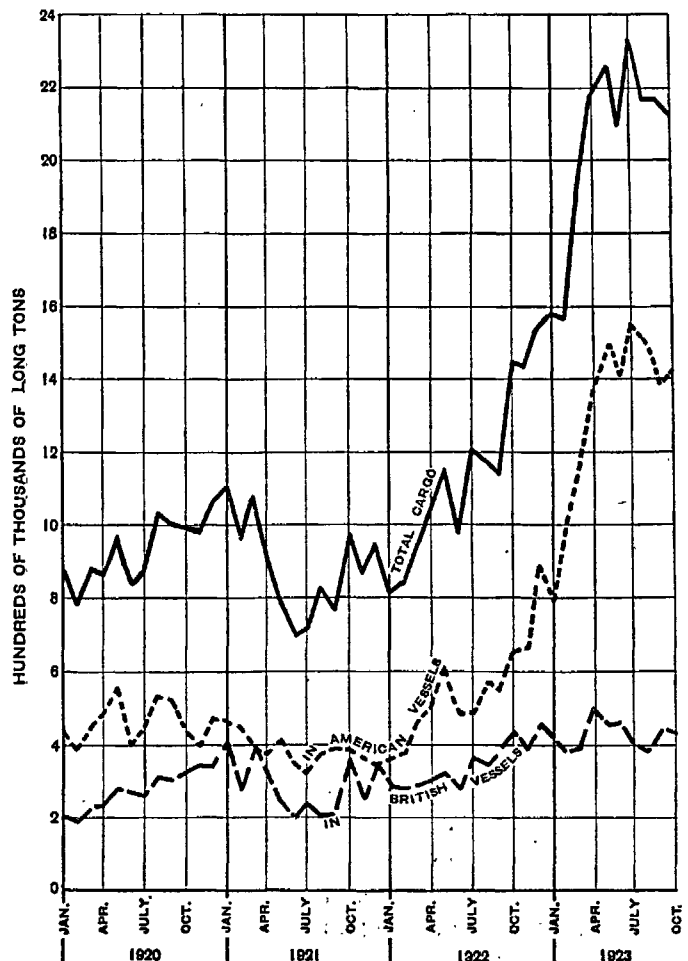
TOBACCO.

Consumption of tobacco products, as indicated by tax-paid withdrawals, declined from October and was also less than a year ago, except for cigarettes. Exports of leaf tobacco were larger than in October and also exceeded November, 1922, exports, while cigarettes were exported in smaller volume than in October but larger than a year ago.

WATER TRANSPORTATION.

Inland water traffic in general made a seasonal decline from October. Compared with a year ago, cargo traffic on the Ohio and Mississippi Rivers and through the Sault Ste. Marie Canal increased, while on the New York State canals it declined.

PANAMA CANAL TRAFFIC.



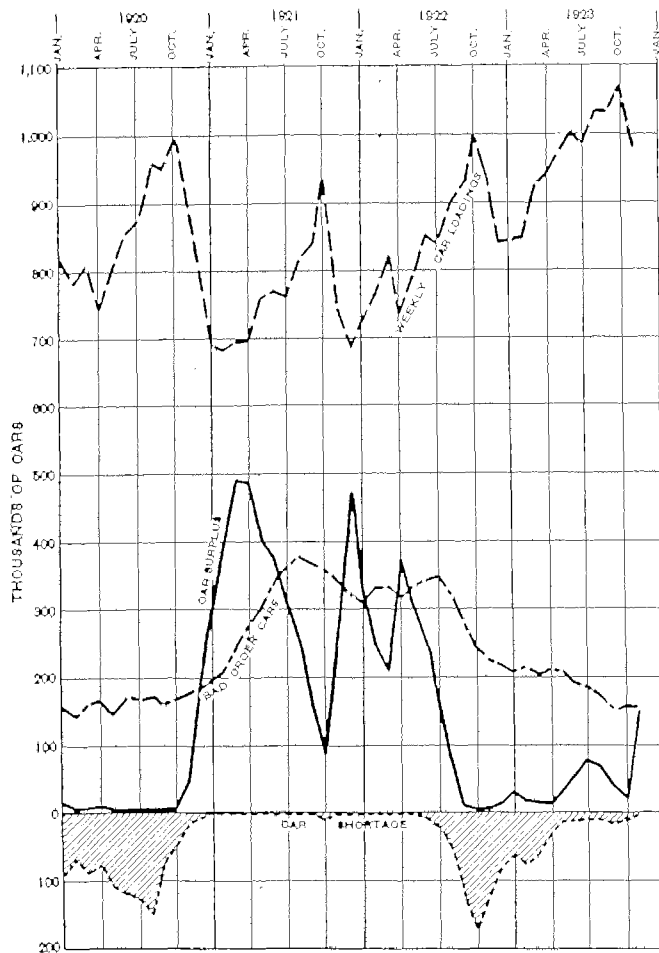
Entrances and clearances of vessels in foreign trade were less than either October, 1922, or November

1922. Compared with a year ago, however, tonnage of foreign vessels increased. Freight rates to Europe increased in November and were also higher than a year ago.

RAILROADS.

Surplus of idle freight cars increased from an average of 24,477 at the end of October to 153,057 at the end of November, while shortage of cars was reduced to 1,336 per day. Bad-order cars increased to 6.8 per cent of the total in use, comparing with 11 per cent in bad order a year ago. Car loadings declined seasonally in November but were greater than a year ago. The principal increases over a year ago occurred in loadings of merchandise, forest products and ore, while coal loadings made the principal decline.

SHORTAGE, SURPLUS, BAD-ORDER, AND TOTAL LOADINGS OF FREIGHT CARS.



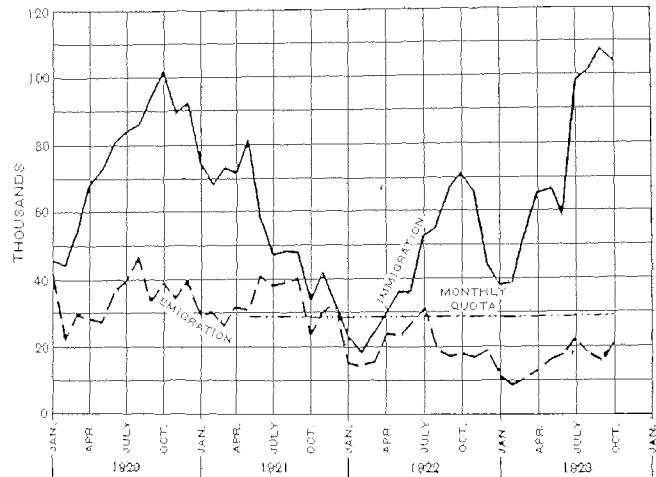
Both freight and passenger revenue of the railroads increased in October over the corresponding month of 1922. Operating expenses also increased and so did net operating income, equaling 4.78 per cent on the tentative valuation as against 4.46 in September and 4.05 a year ago.

LABOR.

Factory employment declined from October but increased over November, 1922. The smaller number

employed in the iron and steel industry accounted for the decline from October. Declines are also noted in the reports from Detroit and New York State.

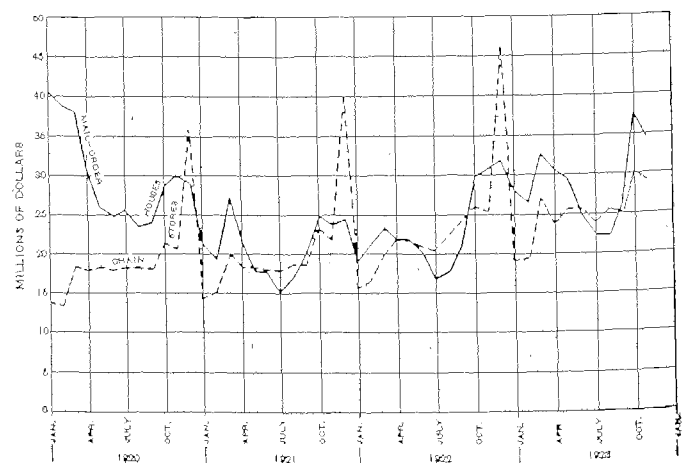
IMMIGRATION, EMIGRATION, AND IMMIGRATION QUOTA.



DISTRIBUTION MOVEMENT.

Sales of mail-order houses and 10-cent chains declined from October but increased over November, 1922. Sales of restaurant chains show similar comparisons. Magazine and newspaper advertising declined from the previous month but exceeded a year ago and postal receipts show the same trend. Internal-revenue taxes collected on firearms, jewelry and watches, and capital-stock transfers increased over the October collections, while theater admissions and security issues and conveyances declined. Compared with a year ago, all the above classes increased except firearms and capital-stock transfers.

SALES OF MAIL-ORDER HOUSES AND CHAIN TEN-CENT STORES.



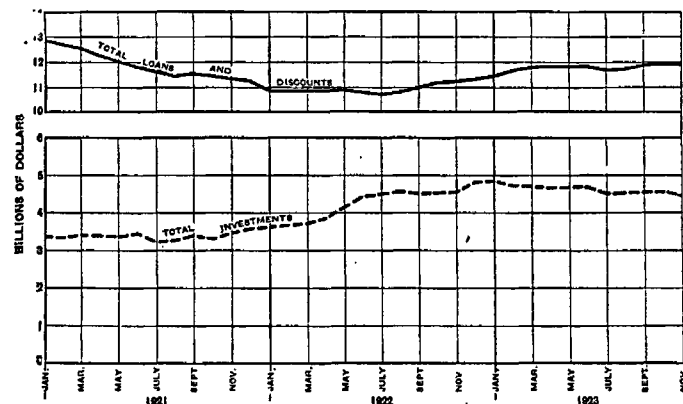
PUBLIC FINANCE.

The Government debt was further reduced in November and stood about \$1,000,000,000 less than a year ago. Customs receipts were larger than a year ago, but total ordinary receipts were less and expenditures were greater.

BANKING AND FINANCE.

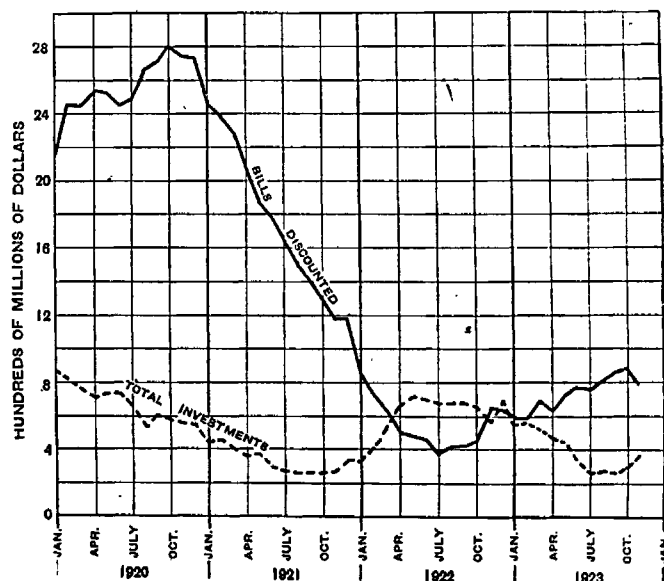
New York City debits and clearings exceeded October but outside New York there was a decline. Both increased over a year ago. A decline in discounts by the Federal Reserve banks was balanced by an increase in investments. Note circulation and reserves increased, while deposits declined. The reserve ratio stood at 76.4 as against 76.3 in October. Member-bank reports show declines in loans, investments, and deposits. Interest rates showed little change.

LOANS, DISCOUNTS, AND TOTAL INVESTMENTS OF FEDERAL RESERVE MEMBER BANKS.



Sales of life insurance declined from October in number of policies but increased as to amount of insurance, while total premium collections declined. Compared with a year ago, all these items increased.

BILLS DISCOUNTED AND TOTAL INVESTMENTS OF FEDERAL RESERVE BANKS.



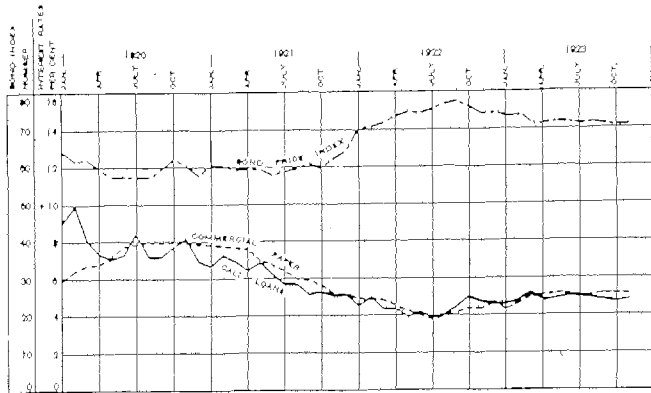
DEBITS TO INDIVIDUAL ACCOUNTS AT PRINCIPAL CLEARING-HOUSE CENTERS.

GROUPED BY FEDERAL RESERVE DISTRICTS.

Index numbers relative to 1919 monthly average.

| | 1923 | | 1922 | | 1923 | | 1922 |
|------------------------------------------------|------------|------------|------------|-------------------------|------------|------------|------------|
| | Novem-ber. | Decem-ber. | Decem-ber. | | Novem-ber. | Decem-ber. | Decem-ber. |
| UNITED STATES, 141 clearing-house centers..... | 102.8 | 113.4 | 108.0 | CHICAGO DISTRICT: | | | |
| BOSTON DISTRICT: | | | | Total, 21 centers..... | 104.4 | 115.2 | 108.8 |
| Total, 11 centers..... | 121.6 | 129.3 | 120.2 | Chicago..... | 100.4 | 112.6 | 105.3 |
| Boston..... | 124.3 | 133.5 | 123.2 | Detroit..... | 124.6 | 132.8 | 124.0 |
| Hartford..... | 120.7 | 134.8 | 120.7 | Indianapolis..... | 109.6 | 119.9 | 129.4 |
| Providence..... | 110.4 | 117.3 | 111.1 | Milwaukee..... | 111.8 | 117.7 | 113.1 |
| New Haven..... | 122.2 | 130.6 | 113.9 | Des Moines..... | 86.8 | 89.2 | 91.6 |
| NEW YORK DISTRICT: | | | | Grand Rapids..... | 81.3 | 94.6 | 88.0 |
| Total, 12 centers..... | 98.6 | 109.0 | 103.0 | Sioux City..... | 112.7 | 125.4 | 112.7 |
| Albany..... | 105.7 | 113.8 | 127.5 | ST. LOUIS DISTRICT: | | | |
| Buffalo..... | 113.7 | 122.8 | 115.2 | Total, 5 centers..... | 113.3 | 123.8 | 118.7 |
| Rochester..... | 115.0 | 146.7 | 129.2 | Louisville..... | 97.4 | 107.0 | 106.4 |
| New York..... | 98.2 | 108.5 | 102.4 | St. Louis..... | 106.2 | 118.5 | 114.6 |
| PHILADELPHIA DISTRICT: | | | | Memphis..... | 132.4 | 139.7 | 127.2 |
| Total, 10 centers..... | 107.0 | 123.1 | 119.3 | Little Rock..... | 208.4 | 205.6 | 183.3 |
| Philadelphia..... | 104.0 | 120.0 | 117.6 | MINNEAPOLIS DISTRICT: | | | |
| Scranton..... | 134.0 | 151.0 | 139.6 | Total, 9 centers..... | 100.7 | 100.3 | 107.9 |
| Trenton..... | 130.3 | 162.8 | 153.5 | Duluth..... | 104.4 | 77.8 | 98.9 |
| CLEVELAND DISTRICT: | | | | Minneapolis..... | 98.3 | 99.7 | 104.5 |
| Total, 13 centers..... | 101.7 | 118.8 | 123.8 | St. Paul..... | 104.3 | 113.6 | 119.1 |
| Akron..... | 72.2 | 81.8 | 74.4 | Helena..... | 81.8 | 90.9 | 127.3 |
| Cincinnati..... | 117.8 | 148.2 | 144.9 | Billings..... | 88.9 | 88.9 | 122.2 |
| Cleveland..... | 90.8 | 107.6 | 102.1 | KANSAS CITY DISTRICT: | | | |
| Pittsburgh..... | 103.9 | 120.5 | 142.3 | Total, 14 centers..... | 85.5 | 88.0 | 95.9 |
| Youngstown..... | 90.0 | 110.0 | 103.4 | Denver..... | 109.6 | 111.6 | 114.4 |
| Toledo..... | 141.4 | 169.8 | 159.5 | Kansas City, Mo..... | 85.2 | 85.5 | 84.5 |
| Columbus..... | 111.2 | 132.8 | 133.6 | Omaha..... | 67.4 | 70.1 | 81.8 |
| Dayton..... | 120.0 | 148.0 | 138.0 | St. Joseph, Mo..... | 69.4 | 69.4 | 83.5 |
| RICHMOND DISTRICT: | | | | Oklahoma City..... | 114.7 | 108.9 | 126.5 |
| Total, 7 centers..... | 98.9 | 112.0 | 104.9 | Tulsa..... | 75.5 | 94.7 | 120.2 |
| Baltimore..... | 86.1 | 99.0 | 96.3 | DALLAS DISTRICT: | | | |
| Norfolk..... | 104.7 | 115.4 | 102.3 | Total, 11 centers..... | 112.1 | 119.2 | 116.3 |
| Richmond..... | 126.7 | 135.3 | 129.3 | Dallas..... | 134.8 | 141.0 | 123.6 |
| Charleston..... | 75.7 | 94.6 | 75.7 | Houston..... | 98.5 | 102.2 | 94.9 |
| ATLANTA DISTRICT: | | | | Fort Worth..... | 80.4 | 93.5 | 131.5 |
| Total, 15 centers..... | 106.9 | 121.3 | 106.6 | SAN FRANCISCO DISTRICT: | | | |
| Atlanta..... | 117.1 | 120.3 | 109.8 | Total, 18 centers..... | 128.9 | 139.0 | 125.3 |
| Birmingham..... | 178.0 | 200.0 | 176.3 | Los Angeles..... | 230.3 | 251.6 | 201.3 |
| New Orleans..... | 111.5 | 136.5 | 114.1 | Portland, Ore..... | 90.1 | 93.9 | 80.1 |
| Jacksonville..... | 108.3 | 135.4 | 116.6 | San Francisco..... | 103.3 | 110.0 | 100.7 |
| Nashville..... | 76.3 | 82.8 | 80.6 | Seattle..... | 84.9 | 91.3 | 81.5 |
| Augusta..... | 105.4 | 97.3 | 86.5 | Oakland, Calif..... | 180.9 | 220.6 | 195.2 |

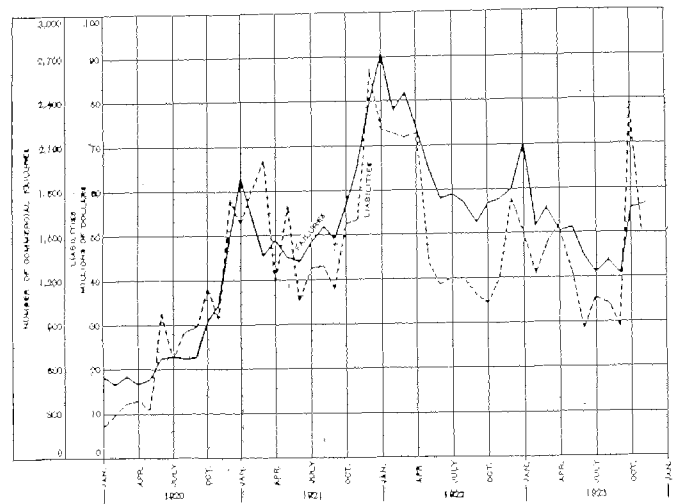
INTEREST RATES AND BOND PRICES.



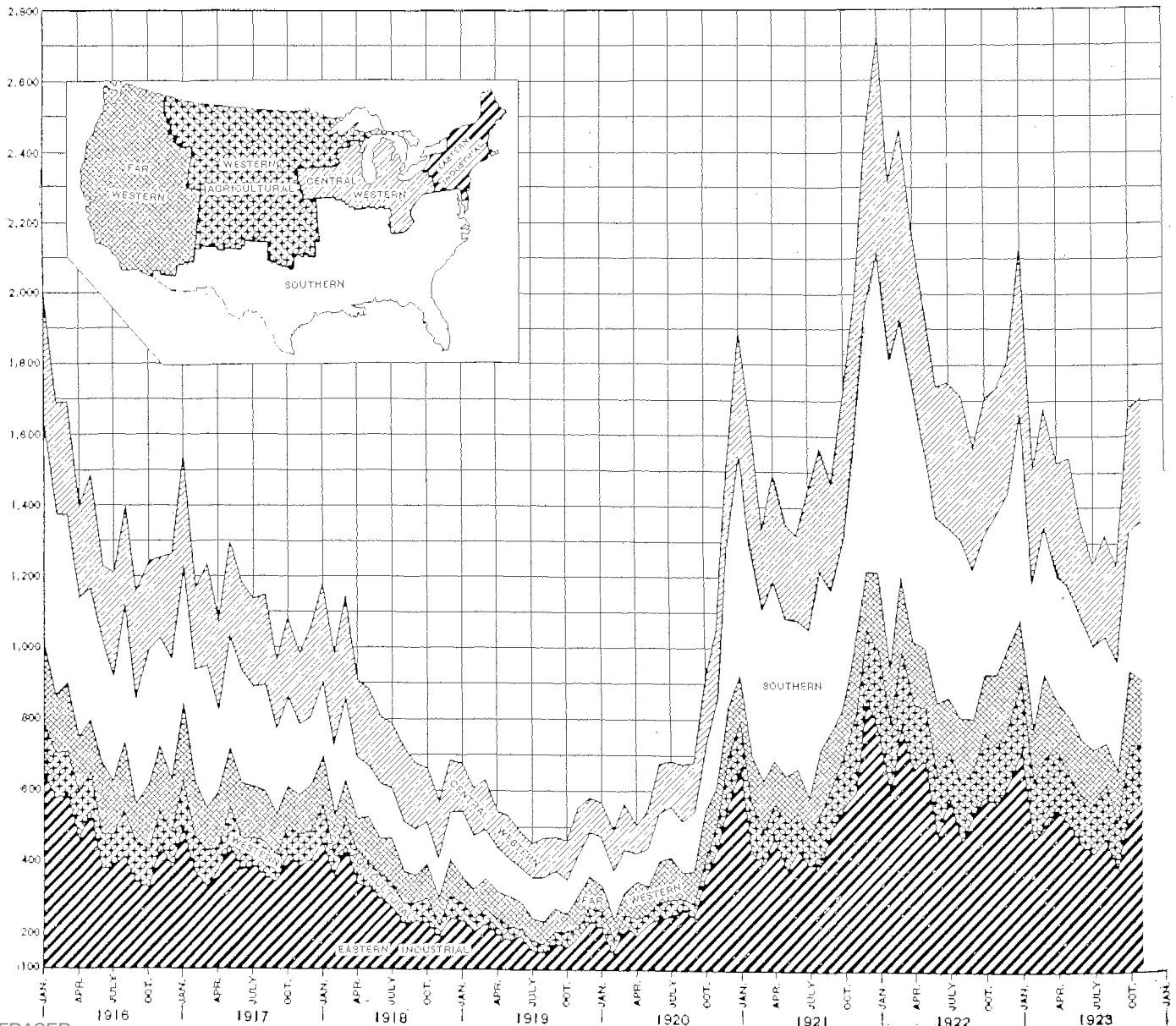
Business failures increased in number over October but declined in amount of liabilities. Compared with a year ago, however, the number of failures was less but liabilities greater. Corporate issues increased over October but State and municipal bond issues de-

clined. Stock sales were greater than in October, with prices higher, while bond sales also increased.

NUMBER OF BUSINESS FAILURES AND AMOUNT OF DEFAULTED LIABILITIES.



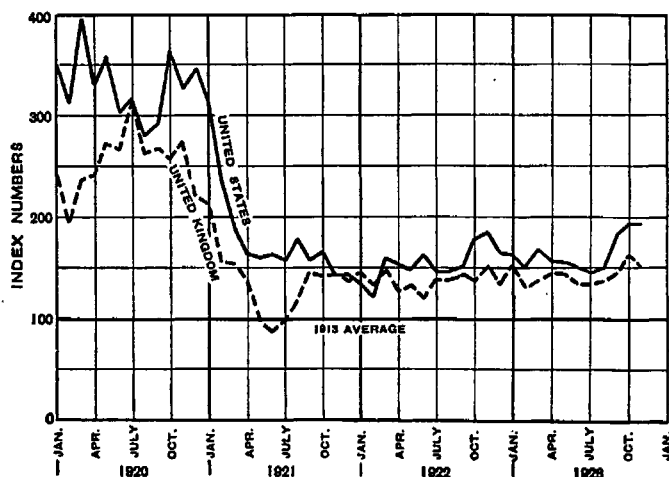
NUMBER OF BUSINESS FAILURES BY GEOGRAPHICAL DISTRIBUTION.



FOREIGN EXCHANGE AND TRADE.

Foreign-exchange rates in general averaged lower in November, 13 important currencies figuring in the decline. The general index of foreign exchange at 61 for November may be compared with 63 for October and 67 for a year ago. Total imports into the United States aggregated \$292,000,000, while exports totaled \$404,000,000.

EXPORTS FROM THE UNITED STATES AND THE UNITED KINGDOM.



REVISED INDEX OF MANUFACTURING PRODUCTION.

Owing to the discontinuance of many of the statistics on the paper industry and the addition of several new series, the index of manufacturing production, which the Department of Commerce has been compiling each month, is being revised. In general the same series are used as in the original compilation, which was explained in detail in the January, 1923, issue (No. 17) of the SURVEY OF CURRENT BUSINESS. The changes are as follows:

In the paper group, the only item now available on a comparable base is the output of newsprint paper, collected by the Federal Trade Commission up to May, 1923, and since then by the Newsprint Service Bureau, covering practically the entire industry.

In the chemical group, the output of methanol (wood alcohol) is given from the compilations of the Department of Commerce, Bureau of the Census, covering practically the entire industry. The 1919 figures are taken from the census of manufactures.

In the miscellaneous group, shipments of prepared roofing have been added. These figures are compiled by the Prepared Roofing Manufacturers Association, and cover the entire industry as computed from reports from 60 to 90 per cent of the industry.

Monthly figures are now available for cement and automobiles for 1920 and 1921, the cement figures for 1920 being compiled by the Portland Cement Association, while subsequent figures are from the Geological Survey. For 1920 and the first half of 1921 the auto-

mobile production figures are estimates by the Cleveland Trust Co., based on actual figures of shipments, while beginning in July, 1921, the automobile production figures are from actual reports to the Department of Commerce, Bureau of the Census. The inclusion of these figures through 1920 has made it possible to discontinue the two index numbers previously published—one for identical commodities and one for all commodities—as the few commodities for which no 1920 figures are now available do not affect the total in any considerable degree. As a matter of comparison, however, an index without these commodities is given here in addition to the regular index, but it will not be continued. The complete index now contains 65 commodities.

The following table shows the weighting of the various industries for the revised index number of manufacturing being approximately the value added in manufacturing, according to the census of manufactures for 1919, in ten millions of dollars:

WEIGHTING FACTORS, MANUFACTURING PRODUCTION.

| INDUSTRY. | Weight. | INDUSTRY. | Weight. |
|---------------------------|---------|-------------------------------------|---------|
| Meats..... | 23 | Coke..... | 5 |
| Wheat flour..... | 13 | Petroleum refining..... | 19 |
| Sugar..... | 3 | Cottonseed oil..... | 4 |
| Ice cream..... | 4 | Turpentine and rosin..... | 2 |
| Butter..... | 3 | Wood distillation..... | 1 |
| Cheese..... | 1 | | |
| Condensed milk..... | 3 | Total chemicals, etc..... | 31 |
| Glucose and starch..... | 3 | | |
| Rice..... | 1 | Brick..... | 7 |
| Oleomargarine..... | 1 | Glass bottles..... | 8 |
| | | Cement..... | 5 |
| Total foodstuffs..... | 55 | | |
| Cotton..... | 44 | Total stone, clay, and glass..... | 20 |
| Wool..... | 24 | | |
| Total textiles..... | 68 | Copper..... | 3 |
| Pig iron..... | 9 | Zinc..... | 2 |
| Steel ingots..... | 57 | Enamelware..... | 4 |
| Locomotives..... | 4 | Lead..... | 1 |
| Total iron and steel..... | 70 | Total metals, except iron..... | 10 |
| Lumber..... | 46 | | |
| Flooring..... | 10 | Manufactured tobacco and snuff..... | 5 |
| Total lumber..... | 56 | Cigars..... | 11 |
| Sole leather..... | 14 | Cigarettes..... | 10 |
| Boots and shoes..... | 22 | Total tobacco..... | 26 |
| Total leather..... | 36 | | |
| Newsprint..... | 2 | Shipbuilding..... | 41 |
| Total paper..... | 2 | Automobiles..... | 40 |
| | | Rubber tires..... | 27 |
| | | Prepared roofing..... | 3 |
| | | Total miscellaneous..... | 111 |
| | | Grand total..... | 485 |

The table presented on the following pages gives in detail the index numbers of manufacturing production, according to the revised index, each month from January, 1920, through November, 1923, by separate industries and by groups. The index of identical commodities, formed by deducting from the total the indexes for boots and shoes, lead and rubber tires, for which figures are not available throughout the period, shows very small differences from the total, the maximum differences of 4 points, or about 3 per cent, occurring in March and May of 1923, when production was at its peak. The total index has wider fluctuations, due largely to the inclusion of rubber tires.

REVISED INDEX OF MANUFACTURING PRODUCTION.

[Monthly average production for 1919 taken as 100.]

| YEAR AND MONTH. | FOODSTUFFS. | | | | | | | | | | TEXTILES. | | IRON AND STEEL. | | | LUMBER. | |
|----------------------|-------------|--------------|------------------|------------|----------|---------|------------------|---------------------|--------------------|-------|-----------|-------|-----------------|---------------|---------------|----------|------------|
| | Meat. | Wheat flour. | Sugar melt-ings. | Ice cream. | But-ter. | Cheese. | Con-densed milk. | Glucose and starch. | Oleo-mar-gar-line. | Rice. | Cot-ton. | Wool. | Pig Iron. | Steel Ingots. | Loco-motives. | Lum-ber. | Floor-ing. |
| 1919 monthly av..... | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1920 monthly av..... | 92 | 83 | 104 | 111 | 100 | 86 | 76 | 93 | 100 | 91 | 99 | 83 | 119 | 121 | 89 | 100 | 105 |
| 1921 monthly av..... | 91 | 91 | 92 | 111 | 121 | 85 | 71 | 90 | 58 | 157 | 91 | 96 | 54 | 57 | 50 | 85 | 103 |
| 1922 monthly av..... | 100 | 94 | 130 | 117 | 130 | 88 | 68 | 103 | 50 | 131 | 103 | 118 | 88 | 99 | 48 | 110 | 171 |
| 1920. | | | | | | | | | | | | | | | | | |
| January..... | 131 | 117 | 75 | 42 | 68 | 43 | 85 | 135 | 120 | 150 | 120 | 126 | 118 | 126 | 88 | 96 | 117 |
| February..... | 88 | 86 | 108 | 47 | 64 | 47 | 81 | 108 | 106 | 50 | 105 | 110 | 117 | 121 | 57 | 99 | 113 |
| March..... | 100 | 78 | 138 | 68 | 78 | 61 | 90 | 130 | 122 | 85 | 117 | 117 | 133 | 140 | 47 | 112 | 133 |
| April..... | 81 | 67 | 135 | 90 | 81 | 77 | 92 | 72 | 104 | 111 | 115 | 116 | 108 | 112 | 59 | 114 | 134 |
| May..... | 95 | 74 | 128 | 145 | 120 | 122 | 111 | 102 | 117 | 56 | 110 | 100 | 117 | 122 | 84 | 108 | 120 |
| June..... | 97 | 67 | 142 | 199 | 159 | 169 | 121 | 118 | 80 | 61 | 113 | 81 | 119 | 126 | 78 | 110 | 119 |
| July..... | 82 | 74 | 147 | 223 | 153 | 138 | 103 | 120 | 80 | 35 | 107 | 65 | 120 | 119 | 80 | 99 | 101 |
| August..... | 75 | 82 | 128 | 198 | 125 | 107 | 81 | 111 | 86 | 40 | 98 | 65 | 124 | 127 | 105 | 107 | 97 |
| September..... | 76 | 87 | 78 | 145 | 107 | 92 | 71 | 76 | 102 | 100 | 93 | 62 | 123 | 127 | 90 | 103 | 91 |
| October..... | 82 | 90 | 55 | 89 | 90 | 80 | 36 | 68 | 102 | 158 | 81 | 67 | 129 | 128 | 135 | 98 | 91 |
| November..... | 96 | 89 | 60 | 49 | 74 | 53 | 20 | 42 | 99 | 147 | 67 | 49 | 115 | 112 | 124 | 85 | 80 |
| December..... | 99 | 79 | 51 | 43 | 72 | 41 | 21 | 38 | 84 | 97 | 60 | 42 | 106 | 99 | 127 | 64 | 64 |
| 1921. | | | | | | | | | | | | | | | | | |
| January..... | 109 | 81 | 40 | 44 | 81 | 47 | 24 | 58 | 77 | 183 | 74 | 52 | 95 | 90 | 99 | 59 | 48 |
| February..... | 94 | 64 | 61 | 46 | 78 | 51 | 34 | 68 | 70 | 198 | 80 | 67 | 76 | 71 | 99 | 70 | 51 |
| March..... | 89 | 82 | 133 | 75 | 94 | 70 | 58 | 74 | 76 | 170 | 89 | 86 | 63 | 64 | 72 | 84 | 82 |
| April..... | 85 | 85 | 107 | 97 | 111 | 93 | 86 | 66 | 64 | 170 | 83 | 94 | 47 | 52 | 83 | 85 | 88 |
| May..... | 88 | 76 | 115 | 148 | 165 | 136 | 113 | 87 | 46 | 232 | 89 | 105 | 48 | 49 | 34 | 94 | 104 |
| June..... | 98 | 73 | 92 | 203 | 181 | 143 | 111 | 85 | 29 | 129 | 94 | 102 | 42 | 41 | 36 | 93 | 113 |
| July..... | 85 | 97 | 95 | 244 | 155 | 105 | 81 | 78 | 36 | 137 | 83 | 92 | 34 | 33 | 26 | 87 | 103 |
| August..... | 84 | 120 | 125 | 175 | 154 | 106 | 89 | 107 | 56 | 149 | 95 | 105 | 37 | 46 | 43 | 93 | 120 |
| September..... | 81 | 120 | 81 | 142 | 124 | 92 | 73 | 113 | 54 | 123 | 98 | 108 | 39 | 48 | 48 | 88 | 111 |
| October..... | 89 | 126 | 85 | 67 | 114 | 81 | 74 | 121 | 69 | 143 | 100 | 116 | 49 | 66 | 34 | 91 | 135 |
| November..... | 93 | 92 | 83 | 48 | 95 | 51 | 58 | 114 | 61 | 122 | 107 | 116 | 56 | 68 | 13 | 93 | 140 |
| December..... | 95 | 80 | 78 | 41 | 96 | 45 | 55 | 111 | 60 | 124 | 104 | 107 | 65 | 58 | 40 | 85 | 145 |
| 1922. | | | | | | | | | | | | | | | | | |
| January..... | 103 | 86 | 90 | 41 | 99 | 47 | 55 | 96 | 53 | 141 | 107 | 114 | 65 | 67 | 33 | 90 | 150 |
| February..... | 89 | 83 | 125 | 49 | 91 | 51 | 52 | 110 | 48 | 167 | 96 | 117 | 64 | 74 | 20 | 89 | 132 |
| March..... | 94 | 87 | 165 | 66 | 107 | 68 | 62 | 124 | 52 | 196 | 105 | 131 | 80 | 100 | 18 | 100 | 147 |
| April..... | 84 | 71 | 164 | 97 | 120 | 86 | 75 | 78 | 46 | 82 | 90 | 93 | 81 | 103 | 9 | 102 | 149 |
| May..... | 103 | 73 | 178 | 168 | 183 | 123 | 99 | 87 | 45 | 79 | 100 | 114 | 91 | 115 | 31 | 121 | 162 |
| June..... | 110 | 73 | 164 | 216 | 207 | 143 | 100 | 98 | 40 | 46 | 103 | 114 | 93 | 111 | 51 | 128 | 176 |
| July..... | 94 | 93 | 163 | 222 | 179 | 119 | 75 | 98 | 40 | 44 | 93 | 102 | 94 | 105 | 57 | 116 | 171 |
| August..... | 93 | 111 | 166 | 200 | 150 | 105 | 67 | 104 | 42 | 85 | 107 | 125 | 71 | 94 | 68 | 125 | 202 |
| September..... | 91 | 113 | 96 | 150 | 121 | 91 | 58 | 113 | 46 | 129 | 100 | 119 | 80 | 100 | 53 | 119 | 181 |
| October..... | 99 | 123 | 86 | 87 | 113 | 99 | 65 | 124 | 58 | 233 | 108 | 129 | 104 | 122 | 65 | 119 | 198 |
| November..... | 112 | 121 | 95 | 61 | 93 | 70 | 50 | 118 | 62 | 210 | 117 | 138 | 112 | 122 | 71 | 114 | 197 |
| December..... | 125 | 100 | 70 | 48 | 96 | 59 | 53 | 84 | 69 | 154 | 107 | 127 | 121 | 118 | 94 | 94 | 184 |
| 1923. | | | | | | | | | | | | | | | | | |
| January..... | 128 | 91 | 77 | 49 | 104 | 54 | 63 | 102 | 66 | 166 | 124 | 138 | 127 | 136 | 103 | 108 | 207 |
| February..... | 107 | 85 | 105 | 46 | 97 | 55 | 62 | 99 | 61 | 92 | 115 | 126 | 118 | 123 | 93 | 98 | 178 |
| March..... | 120 | 96 | 157 | 71 | 113 | 72 | 73 | 110 | 67 | 107 | 127 | 135 | 138 | 144 | 127 | 124 | 221 |
| April..... | 110 | 81 | 150 | 103 | 119 | 82 | 96 | 97 | 61 | 116 | 117 | 123 | 139 | 141 | 97 | 122 | 209 |
| May..... | 113 | 81 | 146 | 163 | 164 | 112 | 109 | 112 | 56 | 92 | 126 | 130 | 152 | 149 | 107 | 133 | 232 |
| June..... | 112 | 75 | 122 | 241 | 194 | 141 | 122 | 98 | 46 | 57 | 110 | 114 | 144 | 134 | 104 | 132 | 223 |
| July..... | 107 | 94 | 80 | 1260 | 1180 | 1140 | 190 | 75 | 43 | 57 | 94 | 101 | 144 | 125 | 107 | 122 | 203 |
| August..... | 106 | 108 | 97 | 1220 | 1150 | 1130 | 180 | 100 | 54 | 67 | 100 | 105 | 135 | 131 | 122 | 135 | 223 |
| September..... | 96 | 108 | 83 | 1175 | 1125 | 1103 | 170 | 103 | 62 | 101 | 98 | 101 | 123 | 118 | 150 | 125 | 194 |
| October..... | 118 | 113 | 118 | 190 | 1115 | 1117 | 175 | 119 | 180 | 158 | 110 | 113 | 124 | 126 | 139 | 131 | 206 |
| November..... | 119 | 104 | 89 | 165 | 1100 | 1100 | 60 | 103 | 190 | 202 | 103 | 109 | 114 | 111 | 134 | 119 | 211 |
| December..... | | | 61 | | | | | | | | 94 | | 115 | 101 | 148 | | |

¹ Estimated usually on basis of receipts.² Partly estimated.

REVISED INDEX OF MANUFACTURING PRODUCTION.

[Monthly average production for 1919 taken as 100.]

| YEAR AND MONTH. | LEATHER. | | PA- PER. | CHEMICALS, ETC. | | | | | STONE, CLAY, AND GLASS. | | | METALS— except iron and steel. | | | | TOBACCO. | | |
|----------------------|-----------------------|------------------------|-----------------|-----------------|----------------------------------|------------------------------|---------------------------------------|----------------------------|----------------------------|------------------------|--------------|-----------------------------------|-------|----------------------|-------|------------------------------------------------------|---------|------------------|
| | Sole leath- er. | Boots and shoes. | News- print. | Coke. | Petro- leum prod- ucts. | Cot- ton- seed oil. | Tur- pen- tine and rosin. | Wood distil- lation. | Brick. | Glass bot- tles. | Ce- ment. | Cop- per. | Zinc. | En- amel ware. | Lead. | Manu- factur- ed to- bacco and snuff. | Cigars. | Ciga- rettes. |
| 1919 monthly av..... | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1920 monthly av..... | 82 | ..... | 110 | 117 | 116 | 80 | 132 | 88 | 110 | 104 | 124 | 99 | 105 | 110 | 112 | 94 | 112 | 84 |
| 1921 monthly av..... | 79 | ..... | 89 | 58 | 119 | 89 | 131 | 43 | 66 | 69 | 122 | 48 | 47 | 122 | 94 | 91 | 96 | 96 |
| 1922 monthly av..... | 78 | 98 | 106 | 80 | 137 | 65 | 155 | 75 | 94 | 77 | 142 | 64 | 81 | 183 | 118 | 99 | 98 | 101 |
| 1920. | | | | | | | | | | | | | | | | | | |
| January..... | 91 | ..... | 113 | 132 | 100 | 158 | 74 | 88 | 124 | 100 | 94 | 103 | 114 | 100 | ..... | 105 | 108 | 102 |
| February..... | 82 | ..... | 100 | 117 | 96 | 102 | 42 | 86 | 108 | 106 | 91 | 105 | 115 | 98 | ..... | 99 | 101 | 80 |
| March..... | 94 | ..... | 112 | 134 | 108 | 82 | 21 | 95 | 124 | 113 | 105 | 103 | 126 | 127 | ..... | 119 | 128 | 99 |
| April..... | 85 | ..... | 112 | 109 | 103 | 42 | 50 | 90 | 116 | 107 | 116 | 92 | 119 | 93 | ..... | 107 | 113 | 85 |
| May..... | 91 | ..... | 113 | 115 | 110 | 23 | 134 | 87 | 113 | 110 | 132 | 110 | 119 | 105 | ..... | 109 | 115 | 89 |
| June..... | 95 | ..... | 114 | 115 | 112 | 9 | 187 | 87 | 116 | 101 | 132 | 126 | 107 | 120 | ..... | 105 | 120 | 92 |
| July..... | 81 | ..... | 113 | 114 | 117 | 4 | 225 | 92 | 108 | 81 | 127 | 90 | 105 | 141 | ..... | 97 | 115 | 69 |
| August..... | 71 | ..... | 113 | 120 | 127 | 4 | 205 | 97 | 107 | 78 | 141 | 95 | 100 | 136 | ..... | 99 | 114 | 81 |
| September..... | 73 | ..... | 106 | 119 | 128 | 36 | 190 | 85 | 103 | 102 | 141 | 87 | 96 | 130 | ..... | 100 | 115 | 80 |
| October..... | 78 | ..... | 109 | 118 | 130 | 164 | 162 | 79 | 107 | 124 | 154 | 90 | 92 | 137 | ..... | 85 | 120 | 87 |
| November..... | 70 | ..... | 107 | 111 | 128 | 188 | 153 | 78 | 101 | 123 | 141 | 94 | 87 | 134 | ..... | 57 | 113 | 80 |
| December..... | 72 | ..... | 109 | 103 | 132 | 148 | 139 | 68 | 92 | 106 | 113 | 89 | 74 | 107 | ..... | 50 | 86 | 64 |
| 1921. | | | | | | | | | | | | | | | | | | |
| January..... | 64 | ..... | 108 | 93 | 129 | 143 | 63 | 62 | 75 | 100 | 61 | 88 | 68 | 86 | 104 | 77 | 79 | 88 |
| February..... | 63 | ..... | 90 | 75 | 110 | 137 | 43 | 59 | 60 | 87 | 65 | 82 | 47 | 102 | 93 | 85 | 84 | 93 |
| March..... | 72 | ..... | 94 | 64 | 115 | 125 | 42 | 59 | 64 | 68 | 101 | 78 | 41 | 118 | 87 | 100 | 95 | 101 |
| April..... | 76 | ..... | 101 | 50 | 120 | 66 | 69 | 35 | 53 | 68 | 129 | 61 | 43 | 121 | 79 | 88 | 93 | 86 |
| May..... | 83 | ..... | 69 | 54 | 120 | 40 | 131 | 29 | 59 | 60 | 139 | 28 | 47 | 113 | 83 | 89 | 94 | 93 |
| June..... | 81 | ..... | 77 | 45 | 119 | 28 | 174 | 28 | 66 | 54 | 139 | 28 | 51 | 121 | 85 | 98 | 105 | 95 |
| July..... | 76 | ..... | 82 | 40 | 116 | 20 | 191 | 42 | 61 | 48 | 143 | 35 | 41 | 126 | 86 | 91 | 96 | 94 |
| August..... | 86 | ..... | 89 | 44 | 116 | 25 | 187 | 21 | 76 | 50 | 153 | 32 | 38 | 139 | 93 | 104 | 106 | 116 |
| September..... | 80 | ..... | 86 | 47 | 116 | 77 | 171 | 29 | 64 | 50 | 150 | 33 | 38 | 142 | 92 | 99 | 104 | 108 |
| October..... | 86 | ..... | 89 | 58 | 125 | 155 | 147 | 38 | 75 | 70 | 157 | 40 | 38 | 170 | 105 | 106 | 108 | 110 |
| November..... | 91 | 85 | 91 | 61 | 121 | 154 | 169 | 52 | 75 | 86 | 133 | 35 | 55 | 129 | 101 | 87 | 104 | 96 |
| December..... | 93 | 87 | 94 | 65 | 127 | 110 | 185 | 60 | 70 | 86 | 98 | 35 | 58 | 103 | 120 | 71 | 79 | 68 |
| 1922. | | | | | | | | | | | | | | | | | | |
| January..... | 88 | 91 | 92 | 65 | 126 | 87 | 86 | 65 | 56 | 83 | 64 | 23 | 62 | 137 | 123 | 97 | 75 | 84 |
| February..... | 78 | 89 | 85 | 64 | 113 | 76 | 51 | 64 | 58 | 81 | 64 | 30 | 59 | 142 | 114 | 92 | 76 | 71 |
| March..... | 79 | 106 | 103 | 78 | 128 | 61 | 57 | 75 | 85 | 67 | 100 | 46 | 69 | 179 | 113 | 108 | 90 | 82 |
| April..... | 71 | 97 | 98 | 75 | 124 | 20 | 98 | 59 | 89 | 79 | 138 | 61 | 67 | 201 | 108 | 89 | 85 | 78 |
| May..... | 70 | 95 | 114 | 81 | 138 | 11 | 177 | 61 | 104 | 82 | 167 | 68 | 72 | 214 | 108 | 101 | 97 | 104 |
| June..... | 72 | 90 | 111 | 83 | 137 | 6 | 192 | 64 | 109 | 84 | 168 | 72 | 75 | 209 | 108 | 103 | 104 | 120 |
| July..... | 75 | 82 | 114 | 80 | 147 | 6 | 192 | 67 | 101 | 73 | 173 | 73 | 83 | 173 | 107 | 100 | 99 | 119 |
| August..... | 80 | 100 | 116 | 63 | 144 | 12 | 206 | 67 | 99 | 78 | 174 | 78 | 82 | 190 | 117 | 117 | 109 | 144 |
| September..... | 80 | 103 | 110 | 77 | 141 | 83 | 188 | 69 | 103 | 79 | 171 | 75 | 87 | 185 | 116 | 105 | 106 | 126 |
| October..... | 83 | 110 | 114 | 100 | 145 | 150 | 156 | 84 | 117 | 73 | 183 | 78 | 104 | 188 | 132 | 101 | 118 | 102 |
| November..... | 79 | 109 | 112 | 83 | 145 | 154 | 186 | 105 | 103 | 77 | 169 | 85 | 105 | 186 | 138 | 96 | 115 | 102 |
| December..... | 76 | 101 | 104 | 117 | 152 | 118 | 269 | 116 | 102 | 73 | 129 | 80 | 112 | 197 | 132 | 75 | 95 | 80 |
| 1923. | | | | | | | | | | | | | | | | | | |
| January..... | 88 | 111 | 111 | 124 | 155 | 122 | 102 | 118 | 111 | 80 | 115 | 84 | 121 | 212 | 137 | 105 | 95 | 121 |
| February..... | 77 | 110 | 100 | 117 | 140 | 84 | 67 | 96 | 94 | 82 | 121 | 76 | 111 | 190 | 126 | 92 | 86 | 104 |
| March..... | 91 | 130 | 113 | 136 | 153 | 52 | 67 | 101 | 97 | 79 | 143 | 91 | 127 | 226 | 150 | 103 | 98 | 114 |
| April..... | 90 | 116 | 102 | 135 | 152 | 34 | 114 | 94 | 93 | 90 | 170 | 91 | 123 | 199 | 143 | 96 | 90 | 106 |
| May..... | 89 | 112 | 121 | 140 | 154 | 17 | 205 | 105 | 100 | 89 | 193 | 97 | 124 | 215 | 151 | 103 | 98 | 126 |
| June..... | 87 | 102 | 117 | 134 | 153 | 9 | 230 | 96 | 94 | 86 | 185 | 93 | 112 | 200 | 156 | 101 | 100 | 132 |
| July..... | 88 | 92 | 110 | 131 | 160 | 8 | 245 | 86 | 97 | 79 | 188 | 95 | 113 | 197 | 147 | 95 | 100 | 132 |
| August..... | 92 | 109 | 116 | 129 | 157 | 12 | 267 | 86 | 92 | 81 | 194 | 107 | 109 | 232 | 142 | 102 | 105 | 132 |
| September..... | 75 | 100 | 96 | 122 | 157 | 59 | 219 | 75 | 80 | 85 | 196 | 98 | 102 | 212 | 135 | 96 | 102 | 126 |
| October..... | 79 | 111 | 107 | 119 | 163 | 162 | 213 | 86 | 90 | 86 | 200 | 103 | 110 | 275 | 135 | 103 | 121 | 142 |
| November..... | 72 | 97 | 105 | 110 | 162 | 117 | 107 | 101 | 78 | ..... | 188 | 98 | 116 | 223 | 130 | 95 | 91 | 147 |
| December..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

REVISED INDEX OF MANUFACTURING PRODUCTION.

[Monthly average production for 1919 taken as 100.]

| YEAR AND MONTH. | MISCELLANEOUS. | | | | GROUPS. | | | | | | | | | | | | |
|----------------------|--------------------|-------------------|-----------------------|--------------------------------|------------------|----------------|-----------------------|--------------|---------------|--------|-------------------------|----------------------------------|--------------------------------------------|---------------|-------------------------------|-----------------|------------------------------------------|
| | Ship- building. | Auto- mobiles. | Rub- ber tires. | Pre- pared roof- ing. | Food- stuffs. | Tex- tiles. | Iron and steel. | Lum- ber. | Leath- er. | Paper. | Chem- icals, etc. | Stone, clay, and glass. | Metals, except iron and steel. | To- bacco. | Mis- cel- lane- ous. | Total index. | Identi- cal com- modi- ties. |
| 1919 monthly av..... | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1920 monthly av..... | 67 | 112 | ..... | 114 | 91 | 93 | 119 | 101 | 82 | 110 | 112 | 111 | 109 | 98 | 89 | 99 | 100 |
| 1921 monthly av..... | 33 | 85 | 83 | 105 | 93 | 93 | 56 | 88 | 79 | 89 | 104 | 81 | 82 | 95 | 65 | 80 | 80 |
| 1922 monthly av..... | 8 | 131 | 131 | 122 | 101 | 108 | 95 | 121 | 90 | 106 | 118 | 99 | 121 | 99 | 85 | 101 | 99 |
| 1920. | | | | | | | | | | | | | | | | | |
| January..... | 72 | 118 | ..... | 111 | 111 | 122 | 122 | 100 | 91 | 113 | 110 | 107 | 104 | 105 | 95 | 109 | 109 |
| February..... | 75 | 137 | ..... | 109 | 84 | 107 | 117 | 102 | 82 | 100 | 96 | 103 | 104 | 93 | 106 | 102 | 102 |
| March..... | 79 | 163 | ..... | 138 | 94 | 117 | 133 | 116 | 94 | 112 | 103 | 115 | 119 | 115 | 121 | 115 | 115 |
| April..... | 71 | 159 | ..... | 91 | 82 | 115 | 108 | 118 | 85 | 112 | 92 | 112 | 98 | 101 | 114 | 106 | 106 |
| May..... | 52 | 149 | ..... | 119 | 98 | 106 | 119 | 110 | 91 | 113 | 101 | 117 | 110 | 104 | 101 | 106 | 106 |
| June..... | 75 | 128 | ..... | 131 | 106 | 101 | 123 | 111 | 95 | 114 | 103 | 114 | 119 | 107 | 102 | 108 | 108 |
| July..... | 61 | 121 | ..... | 116 | 101 | 92 | 117 | 100 | 81 | 113 | 103 | 102 | 116 | 94 | 92 | 100 | 100 |
| August..... | 73 | 121 | ..... | 143 | 94 | 87 | 125 | 105 | 71 | 113 | 114 | 104 | 114 | 98 | 99 | 102 | 102 |
| September..... | 74 | 100 | ..... | 144 | 86 | 82 | 124 | 101 | 73 | 106 | 117 | 112 | 108 | 99 | 89 | 98 | 98 |
| October..... | 64 | 65 | ..... | 120 | 82 | 76 | 128 | 97 | 78 | 109 | 133 | 126 | 111 | 100 | 66 | 95 | 95 |
| November..... | 60 | 47 | 31 | 79 | 82 | 61 | 113 | 84 | 70 | 107 | 133 | 120 | 110 | 90 | 49 | 82 | 85 |
| December..... | 50 | 33 | 20 | 58 | 77 | 54 | 102 | 64 | 72 | 109 | 128 | 103 | 94 | 70 | 37 | 71 | 74 |
| 1921. | | | | | | | | | | | | | | | | | |
| January..... | 61 | 29 | 31 | 73 | 85 | 67 | 91 | 57 | 64 | 108 | 119 | 81 | 85 | 82 | 43 | 71 | 73 |
| February..... | 34 | 46 | 36 | 75 | 78 | 75 | 72 | 67 | 63 | 90 | 102 | 72 | 84 | 88 | 40 | 68 | 70 |
| March..... | 44 | 87 | 56 | 103 | 87 | 88 | 64 | 83 | 72 | 94 | 102 | 75 | 88 | 98 | 64 | 78 | 80 |
| April..... | 34 | 118 | 80 | 106 | 89 | 87 | 53 | 85 | 76 | 101 | 96 | 78 | 83 | 89 | 77 | 80 | 80 |
| May..... | 37 | 119 | 98 | 105 | 99 | 95 | 48 | 96 | 83 | 69 | 97 | 79 | 71 | 93 | 83 | 84 | 83 |
| June..... | 49 | 100 | 99 | 102 | 104 | 97 | 41 | 97 | 81 | 77 | 96 | 79 | 75 | 100 | 81 | 84 | 83 |
| July..... | 26 | 107 | 110 | 87 | 103 | 86 | 32 | 90 | 76 | 82 | 94 | 76 | 77 | 94 | 77 | 78 | 76 |
| August..... | 25 | 110 | 142 | 114 | 108 | 98 | 45 | 98 | 86 | 89 | 94 | 85 | 82 | 109 | 87 | 88 | 84 |
| September..... | 30 | 96 | 90 | 144 | 99 | 102 | 47 | 92 | 80 | 86 | 101 | 80 | 83 | 105 | 72 | 83 | 82 |
| October..... | 14 | 90 | 91 | 153 | 99 | 106 | 62 | 99 | 86 | 89 | 116 | 93 | 98 | 108 | 64 | 87 | 87 |
| November..... | 20 | 71 | 82 | 101 | 87 | 110 | 63 | 101 | 88 | 91 | 116 | 94 | 83 | 96 | 56 | 84 | 84 |
| December..... | 17 | 48 | 84 | 94 | 84 | 105 | 58 | 96 | 90 | 94 | 116 | 84 | 76 | 73 | 46 | 78 | 77 |
| 1922. | | | | | | | | | | | | | | | | | |
| January..... | 15 | 55 | 98 | 94 | 89 | 109 | 65 | 101 | 90 | 92 | 107 | 69 | 87 | 83 | 52 | 81 | 80 |
| February..... | 11 | 74 | 86 | 83 | 86 | 103 | 70 | 97 | 85 | 85 | 95 | 69 | 89 | 77 | 53 | 79 | 78 |
| March..... | 2 | 105 | 124 | 114 | 95 | 115 | 93 | 109 | 96 | 103 | 105 | 82 | 111 | 90 | 72 | 94 | 91 |
| April..... | 10 | 134 | 112 | 127 | 87 | 91 | 95 | 110 | 87 | 98 | 99 | 97 | 123 | 83 | 82 | 92 | 91 |
| May..... | 6 | 156 | 135 | 128 | 107 | 105 | 107 | 128 | 85 | 114 | 113 | 111 | 131 | 100 | 95 | 105 | 104 |
| June..... | 5 | 176 | 184 | 136 | 114 | 107 | 106 | 136 | 83 | 111 | 112 | 114 | 131 | 111 | 114 | 112 | 109 |
| July..... | 10 | 150 | 131 | 133 | 109 | 96 | 101 | 126 | 79 | 114 | 119 | 108 | 119 | 107 | 93 | 103 | 102 |
| August..... | 3 | 167 | 157 | 163 | 110 | 113 | 89 | 139 | 93 | 116 | 115 | 109 | 123 | 124 | 104 | 110 | 107 |
| September..... | 5 | 126 | 130 | 142 | 102 | 107 | 95 | 130 | 94 | 110 | 124 | 110 | 125 | 113 | 83 | 103 | 101 |
| October..... | 10 | 145 | 143 | 137 | 105 | 116 | 116 | 133 | 99 | 114 | 137 | 116 | 133 | 108 | 95 | 112 | 110 |
| November..... | 8 | 144 | 133 | 115 | 105 | 124 | 118 | 129 | 97 | 112 | 137 | 109 | 135 | 107 | 90 | 111 | 110 |
| December..... | 12 | 139 | 134 | 94 | 101 | 114 | 117 | 110 | 91 | 104 | 148 | 97 | 139 | 85 | 90 | 106 | 104 |
| 1923. | | | | | | | | | | | | | | | | | |
| January..... | 4 | 148 | 159 | 92 | 108 | 129 | 133 | 125 | 102 | 111 | 142 | 100 | 148 | 107 | 96 | 115 | 113 |
| February..... | 6 | 168 | 159 | 94 | 92 | 119 | 121 | 112 | 97 | 100 | 123 | 96 | 134 | 94 | 104 | 108 | 105 |
| March..... | 7 | 216 | 193 | 140 | 107 | 130 | 145 | 141 | 115 | 113 | 130 | 102 | 158 | 105 | 131 | 123 | 124 |
| April..... | 11 | 232 | 178 | 135 | 103 | 119 | 138 | 137 | 105 | 102 | 130 | 111 | 146 | 98 | 135 | 124 | 121 |
| May..... | 4 | 239 | 221 | 137 | 112 | 127 | 147 | 150 | 103 | 121 | 136 | 119 | 154 | 109 | 145 | 133 | 129 |
| June..... | 15 | 230 | 149 | 120 | 116 | 112 | 133 | 148 | 96 | 117 | 134 | 114 | 146 | 113 | 128 | 124 | 124 |
| July..... | 3 | 199 | 99 | 110 | * 113 | 96 | 127 | 136 | 90 | 110 | 139 | 113 | 154 | 111 | 100 | * 113 | * 115 |
| August..... | 7 | 209 | 114 | 124 | * 114 | 102 | 131 | 150 | 102 | 116 | 139 | 113 | 161 | 115 | 109 | * 119 | * 120 |
| September..... | 6 | 199 | 99 | 148 | * 104 | 99 | 120 | 137 | 90 | 96 | 140 | 111 | 148 | 110 | 102 | * 112 | * 113 |
| October..... | 5 | 222 | 112 | 145 | * 107 | 111 | 127 | 145 | 99 | 107 | 157 | 116 | 176 | 125 | 113 | * 121 | * 123 |
| November..... | 2 | 190 | 107 | 124 | * 106 | 108 | 113 | 136 | 87 | 105 | 142 | * 109 | 157 | 113 | 99 | * 111 | * 112 |

DECEMBER DATA.

The following table gives such December data as have been received to and including January 14, 1924.

| ITEMS. | 1923 | | 1922 | ITEMS. | 1923 | | 1922 | | |
|-------------------------------------------------------|-------------------------|------------|------------|--------------------------------------------------------------|----------------------------------------------|----------------------|------------|---------|---------|
| | Novem-ber. | Decem-ber. | Decem-ber. | | Novem-ber. | Decem-ber. | Decem-ber. | | |
| TEXTILES. | | | | FOODSTUFFS. | | | | | |
| Wool receipts at Boston: | | | | Corn grindings..... | thous. of bush.. | 5,576 | 5,668 | 4,557 | |
| Total..... | thous. of lbs.. | 11,676 | 20,463 | 42,643 | Grain movement: | | | | |
| Domestic..... | thous. of lbs.. | 8,202 | 15,511 | 7,855 | Receipts— | | | | |
| Foreign..... | thous. of lbs.. | 3,474 | 4,952 | 34,788 | Wheat..... | thous. of bush.. | 37,192 | 28,404 | 45,331 |
| Cotton: | | | | Corn..... | thous. of bush.. | 23,199 | 36,658 | 37,466 | |
| Stocks (world visible)..... | bales.. | 3,226,125 | 3,404,786 | 3,811,650 | Oats..... | thous. of bush.. | 18,298 | 20,134 | 20,955 |
| Imports..... | bales.. | 16,564 | 35,601 | 68,547 | Shipments— | | | | |
| Exports..... | bales.. | 770,002 | 845,581 | 607,853 | Wheat..... | thous. of bush.. | 17,612 | 16,515 | 24,280 |
| Consumption..... | bales.. | 531,631 | 461,560 | 529,342 | Corn..... | thous. of bush.. | 10,269 | 18,521 | 13,991 |
| Stocks at mills..... | bales.. | 1,438,813 | 1,623,453 | 1,917,231 | Visible supply— | | | | |
| Stocks at warehouses..... | bales.. | 3,770,542 | 3,526,164 | 4,069,470 | Wheat..... | thous. of bush.. | 185,549 | 198,746 | 136,893 |
| Active spindles..... | thousands.. | 34,101 | 34,045 | 34,976 | Corn..... | thous. of bush.. | 3,274 | 7,035 | 18,236 |
| Silk: | | | | Oats..... | thous. of bush.. | 18,686 | 19,940 | 32,391 | |
| Consumption..... | bales.. | 25,225 | 23,274 | 31,042 | Argentine grain: | | | | |
| Stocks..... | bales.. | 35,398 | 40,959 | 49,174 | Visible supply— | | | | |
| IRON AND STEEL. | | | | Wheat..... | thous. of bush.. | 2,960 | 4,070 | 3,330 | |
| Pig iron, production..... | thous. of long tons.. | 2,894 | 2,921 | 3,087 | Corn..... | thous. of bush.. | 3,200 | 2,000 | 4,000 |
| Steel ingots, production..... | thous. of long tons.. | 3,114 | 2,844 | 3,300 | Flaxseed..... | thous. of bush.. | 800 | 220 | 2,400 |
| Unfilled orders, U. S. Steel Corp., end of month..... | thous. of long tons.. | 4,369 | 4,445 | 6,746 | Hay, receipts..... | thous. of tons.. | 90,646 | 76,458 | 86,132 |
| Wholesale price, composite finished steel..... | dolls. per 100 lbs.. | 2.78 | 2.78 | 2.44 | Rice: | | | | |
| Wholesale price: | | | | Receipts at mills..... | thous. of bbls.. | 1,912 | 966 | 1,272 | |
| Composite pig iron..... | dolls. per ton.. | 22.49 | 22.80 | 26.73 | Shipments from mills..... | thous. of lbs.. | 123,610 | 81,965 | 94,032 |
| Iron and steel..... | dolls. per ton.. | 42.81 | 43.03 | 40.53 | Stocks, domestic..... | thous. of lbs.. | 173,453 | 201,053 | 232,594 |
| Composite steel..... | dolls. per 100 lbs.. | 3.02 | 3.02 | 2.57 | Sugar, raw: | | | | |
| Locomotives: | | | | Meltings..... | long tons.. | 288,031 | 199,642 | 227,333 | |
| Shipments— | | | | Stocks at refineries..... | long tons.. | 58,189 | 57,929 | 44,828 | |
| Total..... | number.. | 299 | 329 | 210 | Sugar, Cuban movement: | | | | |
| Domestic..... | number.. | 270 | 305 | 194 | Receipts, Cuban ports..... | long tons.. | 9,920 | 25,876 | 87,489 |
| Foreign..... | number.. | 29 | 24 | 16 | Exports..... | long tons.. | 83,151 | 3,714 | 191,760 |
| Unfilled orders— | | | | Stocks, end of month..... | long tons.. | 31,246 | 22,162 | 45,349 | |
| Total..... | number.. | 691 | 387 | 1,592 | LABOR. | | | | |
| Domestic..... | number.. | 656 | 385 | 1,498 | Factory employment, U. S. (1,428 firms)..... | thousands.. | 2,016 | 1,986 | 1,877 |
| Foreign..... | number.. | 35 | 22 | 94 | TRANSPORTATION. | | | | |
| Freight cars, orders, domestic..... | number.. | 5,050 | 10,600 | 23,255 | Index of ocean freight rates: | | | | |
| FUELS. | | | | United States Atlantic to United Kingdom..... | weighted index number.. | 28.6 | 27.8 | 27.1 | |
| Coke production: | | | | All Europe..... | weighted index number.. | 25.1 | 25.1 | 24.4 | |
| Beehive..... | thous. of tons.. | 1,103 | 1,063 | 1,233 | Freight-car movement: | | | | |
| By-product..... | thous. of tons.. | 2,942 | 2,999 | 3,063 | Surplus— | | | | |
| NONFERROUS METALS. | | | | Box cars..... | number.. | 53,962 | 129,063 | 5,062 | |
| Zinc: | | | | Coal cars..... | number.. | 80,756 | 149,409 | 3,651 | |
| Receipts at St. Louis..... | thous. of lbs.. | 13,644 | 29,418 | 17,328 | Total..... | number.. | 153,057 | 312,338 | |
| Shipments from St. Louis..... | thous. of lbs.. | 12,325 | 18,038 | 16,646 | Shortage— | | | | |
| Tin: | | | | Box cars..... | number.. | 319 | 18 | 38,397 | |
| Consumption..... | long tons.. | 6,785 | 4,810 | 4,870 | Coal cars..... | number.. | 605 | 21 | 38,525 |
| Stocks— | | | | Total..... | number.. | 1,336 | 123 | 82,927 | |
| World visible..... | long tons.. | 19,520 | 21,011 | 24,930 | Car loadings (weekly average)— | | | | |
| United States..... | long tons.. | 1,072 | 1,652 | 3,704 | Total..... | cars.. | 976,615 | 826,848 | 838,948 |
| Lead: | | | | Grain and grain products..... | cars.. | 49,890 | 45,530 | 50,721 | |
| Receipts at St. Louis..... | thous. of lbs.. | 7,745 | 10,727 | 13,805 | Livestock..... | cars.. | 39,969 | 35,778 | 33,669 |
| Shipments from St. Louis..... | thous. of lbs.. | 10,729 | 9,285 | 6,382 | Coal..... | cars.. | 176,233 | 161,084 | 188,255 |
| AUTOMOBILES. | | | | Forest products..... | cars.. | 72,298 | 58,832 | 56,979 | |
| Shipments: | | | | Ore..... | cars.. | 35,697 | 10,506 | 9,522 | |
| By railroad..... | carload.. | 38,133 | 34,984 | 26,900 | Merchandise and miscellaneous..... | cars.. | 592,314 | 504,074 | 48,882 |
| Driveways..... | number of machines.. | 32,859 | 27,608 | 27,600 | PRICE INDEX NUMBERS. | | | | |
| By boat..... | number of machines.. | 6,413 | 4,000 | 1,300 | Dun's (1st of following mo.)..... | price index number.. | 158 | 157 | 153 |
| BUILDING AND CONSTRUCTION. | | | | Bradstreet's (1st of following mo.)..... | price index number.. | 146 | 144 | 149 | |
| Construction: | | | | DISTRIBUTION. | | | | | |
| Volume..... | index number.. | 125 | 106 | 111 | Mail-order houses, total sales..... | thous. of dolls.. | 34,528 | 35,860 | 32,379 |
| Cost (1st of following mo.)..... | index number.. | 217 | 218 | 192 | Sears, Roebuck & Co..... | thous. of dolls.. | 20,416 | 20,797 | 20,756 |
| Northern pine: | | | | Montgomery Ward & Co..... | thous. of dolls.. | 14,112 | 15,063 | 11,623 | |
| Lumber— | | | | Ten-cent stores, total sales..... | thous. of dolls.. | 29,387 | 55,150 | 46,415 | |
| Production..... | M ft. b. m.. | 22,350 | 28,207 | 19,219 | F. W. Woolworth Co..... | thous. of dolls.. | 17,283 | 32,626 | 27,455 |
| Shipments..... | M ft. b. m.. | 44,251 | 33,265 | 41,717 | S. S. Kresge Co..... | thous. of dolls.. | 7,508 | 13,070 | 10,515 |
| Lath— | | | | S. H. Kress Co..... | thous. of dolls.. | 2,769 | 5,957 | 5,477 | |
| Production..... | M ft. b. m.. | 5,163 | 6,928 | 4,329 | McCrary Stores Corp..... | thous. of dolls.. | 1,827 | 3,579 | 2,968 |
| Shipments..... | M ft. b. m.. | 7,156 | 5,736 | 6,121 | Restaurant sales: | | | | |
| Composite lumber prices (1st of following mo.)— | | | | Childs Co..... | thous. of dolls.. | 1,918 | 2,079 | 1,946 | |
| Hardwoods..... | dolls. per M ft. b. m.. | 43.52 | 43.51 | 45.54 | American Whol. Corp., total sales..... | thous. of dolls.. | 2,879 | 1,703 | 1,856 |
| Softwoods..... | dolls. per M ft. b. m.. | 31.38 | 31.58 | 34.36 | U. S. foreign trade: | | | | |
| Turpentine— | | | | Imports..... | thous. of dolls.. | 308,366 | 285,000 | 293,789 | |
| Net receipts..... | barrels.. | 26,586 | 27,896 | 24,835 | Exports..... | thous. of dolls.. | 400,824 | 425,000 | 344,328 |
| Stocks..... | barrels.. | 39,221 | 50,318 | 44,774 | PUBLIC FINANCE. | | | | |
| Rosin— | | | | U. S. interest-bearing debt..... | mills. of dolls.. | 21,780 | 21,641 | 22,483 | |
| Net receipts..... | barrels.. | 106,088 | 119,011 | 111,108 | Gross debt..... | mills. of dolls.. | 22,055 | 21,914 | 22,995 |
| Stocks..... | barrels.. | 316,820 | 346,220 | 349,917 | Customs receipts..... | thous. of dolls.. | 46,565 | 40,946 | 37,502 |
| CHEMICALS AND DRUGS. | | | | Ordinary receipts..... | thous. of dolls.. | 190,844 | 576,317 | 466,273 | |
| Wholesale prices: | | | | Total expenditures chargeable against ordinary receipts..... | thous. of dolls.. | 256,287 | 400,939 | 340,176 | |
| Drugs and pharmaceuticals..... | index number.. | 155 | 149 | 137 | | | | | |
| Essential oils..... | index number.. | 139 | 144 | 123 | | | | | |
| Crude drugs..... | index number.. | 206 | 171 | 204 | | | | | |

DECEMBER DATA—Continued.

| ITEMS. | 1923 | | 1922 | ITEMS. | 1923 | | 1922 |
|------------------------------------------------------|------------|------------|------------|-------------------------------------------------------------|------------|------------|------------|
| | Novem-ber. | Decem-ber. | Decem-ber. | | Novem-ber. | Decem-ber. | Decem-ber. |
| BANKING AND FINANCE. | | | | WHOLESALE PRICES—continued. | | | |
| Debits to individual accounts: ¹ | | | | Metals. | | | |
| In New York City.....mills. of dolls.. | 19,983 | 22,081 | 20,851 | Fig iron: | | | |
| Outside of New York City.....mills. of dolls.. | 18,521 | 20,367 | 19,558 | Foundry No. 2, northern.....dolls. per long ton.. | 23.65 | 23.76 | 27.40 |
| Bank clearings: | | | | Basic Valley, furnace.....dolls. per long ton.. | 20.88 | 21.00 | 24.81 |
| New York City.....mills. of dolls.. | 18,048 | 19,495 | 18,899 | Steel billets, Bessemer.....dolls. per long ton.. | 40.00 | 40.00 | 36.50 |
| Outside New York City.....mills. of dolls.. | 15,118 | 15,897 | 14,826 | Structural steel beams.....dolls. per 100 lbs.. | 2.50 | 2.50 | 2.00 |
| Federal reserve banks: | | | | Copper, electrolytic.....dolls. per lb.. | .128 | .129 | .141 |
| Total investments.....mills. of dolls.. | 373 | 441 | 704 | Zinc slab, prime Western.....dolls. per lb.. | .067 | .066 | .074 |
| Bills discounted.....mills. of dolls.. | 794 | 857 | 630 | Tin, pig.....dolls. per lb.. | .444 | .471 | .377 |
| Notes in circulation.....mills. of dolls.. | 2,246 | 2,340 | 2,464 | Lead, desilverized.....dolls. per lb.. | .069 | .076 | .073 |
| Total reserves.....mills. of dolls.. | 3,197 | 3,138 | 3,149 | | | | |
| Total deposits.....mills. of dolls.. | 1,839 | 1,938 | 1,900 | Fuel. | | | |
| Reserve ratio.....per cent.. | 76.4 | 733 | 72.1 | Coal: | | | |
| Member banks: | | | | Bituminous, Kanawha, f. o. b., | | | |
| Total loans and discounts.....mills. of dolls.. | 11,904 | 11,934 | 11,329 | Cincinnati.....dolls. per short ton.. | 3.89 | 3.39 | 5.89 |
| Total investments.....mills. of dolls.. | 4,364 | 4,555 | 4,823 | Anthracite, chestnut.....dolls. per long ton.. | 11.48 | 11.48 | 10.64 |
| Net demand deposits.....mills. of dolls.. | 11,102 | 11,034 | 11,255 | Coke, Connellsville.....dolls. per short ton.. | 3.81 | 4.00 | 7.00 |
| Interest rates: | | | | Petroleum, Kansas-Oklahoma.....dolls. per bbl.. | 1.050 | 1.015 | 1.250 |
| New York call loans.....per cent.. | 4.80 | 4.59 | 4.73 | Rubber. | | | |
| Commercial paper, 60-90 days.....per cent.. | 5.10 | 4.97 | 4.63 | Para, N. Y.....dolls. per lb.. | .204 | .203 | .223 |
| War Finance Corporation: | | | | Lumber. | | | |
| To banks and livestock associations— | | | | Southern pine, "B" and | | | |
| Advancements.....thous. of dolls.. | 217 | 974 | 1,815 | better.....dolls. per M ft. b. m.. | 42.27 | 42.21 | 49.69 |
| Repayments.....thous. of dolls.. | 6,548 | 6,268 | 11,416 | Douglas fir, No. 1 common.....dolls. per M ft. b. m.. | 18.500 | 17.500 | 21.500 |
| Balance.....thous. of dolls.. | 73,197 | 67,903 | 130,737 | Brick. | | | |
| To cooperative marketing associations— | | | | Common red, N. Y.....dolls. per thous.. | 18.00 | 19.00 | 17.48 |
| Advancements.....thous. of dolls.. | 345 | 440 | 4,759 | Cement. | | | |
| Repayments.....thous. of dolls.. | 1,202 | 1,390 | 2,303 | Portland.....dolls. per bbl.. | 1.67 | 1.65 | 1.73 |
| Balance.....thous. of dolls.. | 3,198 | 2,249 | 11,777 | Leather. | | | |
| Business failures: | | | | Green salted packer's heavy native | | | |
| Firms.....number..... | 1,704 | 1,837 | 1,814 | steers.....dolls. per lb.. | .141 | .136 | .204 |
| Liabilities.....thous. of dolls.. | 50,292 | 51,615 | 52,069 | Calfskin, country No. 1.....dolls. per lb.. | .148 | .150 | .160 |
| Bond sales: | | | | Sole, oak, scoured backs, Boston.....dolls. per lb.. | .455 | .425 | .525 |
| Miscellaneous.....thous. of dolls.. | 162,271 | 167,750 | 177,670 | Chrome calf, "B" grade, Boston.....dolls. per sq. ft.. | .440 | .440 | .450 |
| Liberty Victory.....thous. of dolls.. | 65,869 | 68,221 | 106,817 | Boots and shoes: | | | |
| Total.....thous. of dolls.. | 228,140 | 237,971 | 283,887 | Men's black calf blucher.....dolls. per pair.. | 6.25 | 6.25 | 6.35 |
| Stock sales.....thous. of shares.. | 22,573 | 24,979 | 19,692 | Men's dress welt, tan calf, St. Louis.....dolls. per pair.. | 4.85 | 4.85 | 4.85 |
| Stock prices: | | | | Women's black kid, Goodyear, | | | |
| 25 industrials.....dolls. per share.. | 105.44 | 108.88 | 109.08 | St. Louis.....dolls. per pair.. | 4.25 | 4.25 | 4.25 |
| 25 railroads.....dolls. per share.. | 58.30 | 58.25 | 61.71 | Sulphuric acid, 66° N. Y.....dolls. per 100 lbs.. | .75 | .75 | .70 |
| Gold: | | | | Foodstuffs. | | | |
| Imports.....thous. of dolls.. | 29,858 | 32,641 | 26,440 | Cottonseed oil, New York.....dolls. per lb.. | .118 | .110 | .097 |
| Exports.....thous. of dolls.. | 1,307 | 712 | 2,710 | Wheat: | | | |
| Silver: | | | | No. 1 northern, Chicago.....dolls. per bu.. | 1.092 | 1.112 | 1.274 |
| Price at New York.....dolls. per fine oz.. | .641 | .650 | .638 | No. 2 red winter, Chicago.....dolls. per bu.. | 1.061 | 1.083 | 1.325 |
| Price at London.....pence per standard oz.. | 32.238 | 31.786 | 31.393 | Flour, standard patents, | | | |
| Imports.....thous. of dolls.. | 6,928 | 8,172 | 7,848 | Minneapolis.....dolls. per bbl.. | 6.038 | 6.100 | 6.775 |
| Exports.....thous. of dolls.. | 7,523 | 9,521 | 6,913 | Flour, winter straights, Kansas | | | |
| FOREIGN EXCHANGE. | | | | City.....dolls. per bbl.. | 5.213 | 5.130 | 5.860 |
| Europe: | | | | Other grains: | | | |
| England.....dolls. per £ sterling.. | 4.38 | 4.36 | 4.61 | Corn, contract grades No. 2, Chicago.....dolls. per bu.. | .842 | .730 | .734 |
| France.....dolls. per franc.. | .055 | .053 | .072 | Oats, contract grades, Chicago.....dolls. per bu.. | .442 | .449 | .459 |
| Italy.....dolls. per lira.. | .044 | .043 | .050 | Barley, fair to good malting, Chicago.....dolls. per bu.. | .656 | .685 | .689 |
| Belgium.....dolls. per franc.. | .047 | .046 | .066 | Rye, No. 2, Chicago.....dolls. per bu.. | .708 | .701 | .890 |
| Netherlands.....dolls. per guilder.. | .380 | .380 | .398 | Cattle and beef: | | | |
| Sweden.....dolls. per krona.. | .263 | .263 | .269 | Cattle, corn fed.....dolls. per 100 lbs.. | 9.844 | 9.785 | 10.581 |
| Switzerland.....dolls. per franc.. | .176 | .175 | .189 | Beef, fresh native steers.....dolls. per 100 lbs.. | 17.50 | 17.30 | 15.50 |
| Asia: | | | | Beef, steer rounds No. 2.....dolls. per 100 lbs.. | 13.60 | 13.50 | 13.90 |
| Japan.....dolls. per yen.. | .484 | .470 | .489 | Hogs and pork: | | | |
| India.....dolls. per rupee.. | .309 | .310 | .306 | Hogs, heavy, Chicago.....dolls. per 100 lbs.. | 7.131 | 7.050 | 8.256 |
| America: | | | | Pork, smoked hams, Chicago.....dolls. per 100 lbs.. | 20.90 | 20.50 | 20.60 |
| Canada.....dolls. per Can. doll.. | .981 | .976 | .991 | Sheep and mutton: | | | |
| Argentina.....dolls. per gold peso.. | .712 | .723 | .856 | Sheep, ewes, Chicago.....dolls. per 100 lbs.. | 5.856 | 6.440 | 6.219 |
| Brazil.....dolls. per milreis.. | .088 | .093 | .119 | Sheep, lambs, Chicago.....dolls. per 100 lbs.. | 12.275 | 12.500 | 14.869 |
| Chile.....dolls. per paper peso.. | .111 | .107 | .124 | Sugar: | | | |
| General index of foreign exchange.....index number.. | 61 | 60 | 70 | Wholesale, 96° centrifugal, N. Y.....dolls. per lb.. | .073 | .073 | .057 |
| | | | | Refined, N. Y.....dolls. per lb.. | .087 | .088 | .069 |
| CANADIAN COMMERCE. | | | | Tobacco. | | | |
| Bank clearings.....mills. of dolls.. | 1,851 | 1,518 | 1,500 | Burley, good leaf, dark red, | | | |
| WHOLESALE PRICES. | | | | Louisville.....dolls. per 100 lbs.. | 28.00 | 28.00 | 27.50 |
| Textiles. | | | | | | | |
| Wool: | | | | | | | |
| Ohio 1 to 1 grades.....dolls. per yd.. | .946 | .964 | .945 | | | | |
| Worsted yarn.....dolls. per yd.. | 1.650 | 1.650 | 1.650 | | | | |
| Wool dress goods.....dolls. per yd.. | 1.035 | 1.035 | .950 | | | | |
| Men's suitings.....dolls. per yd.. | 3.690 | 3.690 | 3.420 | | | | |
| Cotton: | | | | | | | |
| Raw, N. Y.....dolls. per lb.. | .350 | .358 | .257 | | | | |
| Yarn.....dolls. per lb.. | .540 | .564 | .460 | | | | |
| Print cloth.....dolls. per yd.. | .079 | .081 | .077 | | | | |
| Sheeting.....dolls. per yd.. | .128 | .133 | .120 | | | | |
| Silk: | | | | | | | |
| Raw, Japanese, N. Y.....dolls. per lb.. | 7.840 | 7.742 | 8.232 | | | | |

¹ For detailed index numbers for this movement at the principal clearing-house centers see table on p. 17.

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 index numbers, and often the individual index numbers making up the series are also given. The base year of all the index numbers is 1919, except prices which are on a 1913 base, and unfilled orders, on a 1920 base. The function of index numbers is explained on the inside front cover. A condensed form of this table is given on page 7.

| EXPLANATION. <i>All index numbers are relative to 1919 as 100, except prices, which are relative to 1913, and unfilled orders, which are relative to 1920.</i> | Maximum since Jan. 1, 1920. | Minimum since Jan. 1, 1920. | 1922 | | 1923 | | | | Per cent increase (+) or decrease (-), Nov. from Oct. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|----------|----------|---------|------------|----------|-----------|-------------------------------------------------------|
| | | | October. | November | August. | September. | October. | November. | |
| | | | | | | | | | |
| PRODUCTION. | | | | | | | | | |
| RAW MATERIALS, total..... | 157 | 73 | 153 | 136 | 121 | 131 | 157 | 141 | - 10.2 |
| MINERALS: | | | | | | | | | |
| Petroleum..... | 209 | 105 | 152 | 151 | 209 | 204 | 209 | 205 | - 1.9 |
| Bituminous coal..... | 137 | 41 | 116 | 117 | 126 | 119 | 127 | 111 | - 12.6 |
| Anthracite coal..... | 121 | 0 | 117 | 116 | 121 | 40 | 119 | 106 | - 10.9 |
| Iron ore*..... | 241 | 0 | 135 | 84 | 241 | 217 | 194 | 123 | - 36.6 |
| Copper..... | 124 | 17 | 96 | 95 | 123 | 116 | 124 | 119 | - 4.0 |
| Lead..... | 156 | 74 | 132 | 138 | 142 | 135 | 132 | 130 | - 1.5 |
| Zinc..... | 129 | 38 | 100 | 95 | 110 | 104 | 111 | 117 | + 5.4 |
| Gold..... | 131 | 57 | 121 | 106 | 101 | 108 | 91 | 110 | + 20.9 |
| Silver..... | 145 | 80 | 109 | 103 | 112 | 106 | 115 | 104 | - 9.6 |
| Total..... | 154 | 83 | 126 | 121 | 155 | 138 | 151 | 136 | - 9.9 |
| ANIMAL PRODUCTS (marketings): | | | | | | | | | |
| Wool..... | 227 | 19 | 49 | 55 | 99 | 59 | 24 | 46 | + 91.7 |
| Cattle and calves..... | 143 | 58 | 143 | 118 | 108 | 112 | 137 | 106 | - 22.6 |
| Hogs..... | 145 | 64 | 99 | 118 | 99 | 97 | 129 | 145 | + 12.4 |
| Sheep..... | 153 | 54 | 146 | 101 | 80 | 117 | 153 | 80 | - 47.7 |
| Eggs*..... | 245 | 30 | 59 | 41 | 101 | 83 | 70 | 48 | - 31.4 |
| Poultry*..... | 371 | 21 | 109 | 228 | 91 | 95 | 138 | 292 | +111.6 |
| Fish..... | 135 | 45 | 101 | 79 | 120 | 117 | 115 | 90 | - 21.7 |
| Milk (New York)..... | 190 | 94 | 122 | 114 | 132 | 129 | 128 | 122 | - 4.7 |
| Total..... | 128 | 80 | 112 | 113 | 110 | 108 | 122 | 123 | + 0.1 |
| CROPS (marketings): | | | | | | | | | |
| Grains— | | | | | | | | | |
| Corn*..... | 389 | 61 | 217 | 160 | 146 | 123 | 110 | 155 | + 40.9 |
| Wheat*..... | 218 | 43 | 153 | 135 | 207 | 144 | 129 | 118 | - 8.5 |
| Oats*..... | 211 | 49 | 123 | 121 | 146 | 138 | 149 | 95 | - 36.2 |
| Barley*..... | 85 | 22 | 60 | 53 | 65 | 93 | 78 | 58 | - 25.6 |
| Rye*..... | 353 | 32 | 197 | 196 | 96 | 134 | 86 | 89 | + 3.5 |
| Rice*..... | 367 | 4 | 314 | 292 | 72 | 65 | 25 | 31 | + 24.0 |
| Total*..... | 206 | 54 | 171 | 145 | 178 | 134 | 120 | 120 | 0.0 |
| Vegetables— | | | | | | | | | |
| Potatoes (white)*..... | 349 | 45 | 225 | 130 | 102 | 153 | 223 | 129 | - 42.2 |
| Sweet potatoes*..... | 314 | 4 | 292 | 214 | 140 | 259 | 241 | 165 | - 31.5 |
| Tomatoes*..... | 497 | 2 | 103 | 24 | 99 | 368 | 179 | 129 | - 27.9 |
| Onions*..... | 282 | 35 | 269 | 116 | 125 | 213 | 274 | 151 | - 44.9 |
| Cabbage*..... | 316 | 22 | 316 | 166 | 72 | 145 | 306 | 188 | - 38.6 |
| Celery*..... | 467 | 4 | 384 | 346 | 67 | 108 | 367 | 438 | + 19.3 |
| Total*..... | 291 | 58 | 228 | 132 | 103 | 178 | 229 | 141 | - 38.4 |
| Fruits— | | | | | | | | | |
| Apples*..... | 655 | 4 | 431 | 276 | 55 | 212 | 655 | 371 | - 43.4 |
| Peaches*..... | 532 | 0 | 48 | 0 | 358 | 366 | 29 | 16 | - 44.8 |
| Citrus fruit*..... | 208 | 34 | 84 | 132 | 55 | 61 | 100 | 207 | +107.0 |
| Grapes*..... | 1,049 | 0 | 976 | 232 | 205 | 859 | 1,049 | 300 | - 71.4 |
| Pears*..... | 799 | 0 | 477 | 69 | 603 | 557 | 344 | 50 | - 85.5 |
| Watermelons*..... | 785 | 0 | 3 | 0 | 328 | 78 | 6 | 0 | 0 |
| Cantaloupes*..... | 566 | 0 | 42 | 8 | 288 | 141 | 30 | 2 | - 93.3 |
| Strawberries*..... | 1,925 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total*..... | 405 | 48 | 315 | 161 | 140 | 262 | 405 | 226 | - 44.2 |
| Cotton products— | | | | | | | | | |
| Cotton*..... | 225 | 25 | 222 | 205 | 51 | 142 | 225 | 203 | - 9.8 |
| Cottonseed*..... | 276 | 2 | 272 | 198 | 45 | 156 | 274 | 191 | - 30.3 |
| Total*..... | 232 | 23 | 229 | 204 | 50 | 144 | 232 | 201 | - 13.4 |
| Miscellaneous crops— | | | | | | | | | |
| Hay*..... | 148 | 46 | 62 | 71 | 60 | 71 | 73 | 75 | + 2.7 |
| Tobacco*..... | 258 | 0 | 102 | 71 | 46 | 86 | 100 | 120 | + 20.0 |
| Flaxseed*..... | 566 | 28 | 262 | 202 | 176 | 508 | 566 | 368 | - 35.0 |
| Cane sugar*..... | 562 | 0 | 29 | 465 | 17 | 25 | 278 | 464 | + 66.9 |
| Total*..... | 170 | 22 | 88 | 105 | 53 | 92 | 121 | 138 | + 14.0 |
| Grand total, crops..... | 195 | 49 | 195 | 160 | 113 | 144 | 184 | 158 | - 14.1 |

*Fluctuations between maximum and minimum largely due to seasonal variations.

INDEXES OF BUSINESS—Continued.

| EXPLANATION. | | | 1922 | | 1923 | | | | Per cent increase (+) or decrease (-), Nov. from Oct. |
|--------------------------------------------------------------------------------------------------------------------------------------------|-----|----|----------|-----------|------------------|------------------|------------------|------------------|-------------------------------------------------------|
| All index numbers are relative to 1919 as 100, except prices, which are relative to 1913, and unfilled orders, which are relative to 1920. | | | October. | November. | August. | September. | October. | November. | |
| PRODUCTION—Continued. | | | | | | | | | |
| FOREST PRODUCTS: | | | | | | | | | |
| Lumber..... | 133 | 59 | 119 | 114 | 135 | 125 | 131 | 119 | - 9.2 |
| Pulpwood..... | 135 | 51 | 95 | 110 | ¹ 98 | ¹ 85 | 106 | 96 | - 9.4 |
| Gum (rosin and turpentine)..... | 267 | 20 | 158 | 184 | 267 | 220 | 214 | 185 | -13.6 |
| Distilled wood..... | 151 | 24 | 108 | 138 | 108 | 94 | 106 | 116 | + 9.4 |
| Total..... | 135 | 61 | 118 | 117 | ² 136 | ² 125 | ² 132 | 119 | - 9.8 |
| MANUFACTURING: | | | | | | | | | |
| Foodstuffs— | | | | | | | | | |
| Meats..... | 131 | 75 | 99 | 112 | 106 | 96 | 118 | ¹ 119 | + 0.8 |
| Wheat flour..... | 126 | 64 | 123 | 121 | 108 | 108 | 113 | 104 | - 8.0 |
| Sugar..... | 178 | 40 | 86 | 95 | 97 | 83 | 118 | 89 | -24.6 |
| Ice cream..... | 260 | 41 | 87 | 61 | ¹ 220 | ¹ 175 | ¹ 90 | ¹ 65 | -27.8 |
| Butter..... | 207 | 64 | 113 | 93 | ¹ 150 | ¹ 125 | ¹ 115 | ¹ 100 | -13.0 |
| Cheese..... | 169 | 41 | 99 | 70 | ¹ 130 | ¹ 103 | ¹ 117 | ¹ 100 | -14.5 |
| Condensed milk..... | 122 | 20 | 65 | 50 | ¹ 80 | ¹ 70 | ¹ 75 | ¹ 60 | -20.0 |
| Glucose and starch..... | 135 | 38 | 124 | 118 | 100 | 103 | 119 | 103 | -13.4 |
| Oleomargarine..... | 122 | 29 | 58 | 62 | 54 | 62 | ¹ 80 | ¹ 90 | +12.5 |
| Rice..... | 233 | 35 | 233 | 210 | 67 | 101 | 158 | 202 | +27.8 |
| Total..... | 116 | 77 | 105 | 105 | ² 114 | ² 104 | ² 107 | ² 106 | - 0.9 |
| Textiles— | | | | | | | | | |
| Cotton (consumption)..... | 127 | 60 | 108 | 117 | 100 | 98 | 110 | 108 | - 1.8 |
| Wool (consumption)..... | 138 | 42 | 129 | 138 | 105 | 101 | 113 | 109 | - 3.5 |
| Total..... | 130 | 54 | 116 | 124 | 102 | 99 | 111 | 108 | - 2.7 |
| Iron and steel— | | | | | | | | | |
| Pig iron..... | 152 | 34 | 104 | 112 | 135 | 123 | 124 | 114 | - 8.1 |
| Steel ingots..... | 149 | 33 | 122 | 122 | 131 | 118 | 126 | 111 | -11.9 |
| Locomotives..... | 150 | 9 | 65 | 71 | 122 | 150 | 139 | 134 | - 3.6 |
| Total..... | 147 | 32 | 116 | 118 | 131 | 120 | 127 | 113 | -11.0 |
| Lumber— | | | | | | | | | |
| Lumber..... | 135 | 59 | 119 | 114 | 135 | 125 | 131 | 119 | - 9.2 |
| Flooring..... | 232 | 51 | 198 | 197 | 223 | 194 | 206 | 211 | + 2.4 |
| Total..... | 150 | 57 | 133 | 129 | 150 | 137 | 145 | 136 | - 6.2 |
| Leather— | | | | | | | | | |
| Sole leather..... | 95 | 63 | 83 | 79 | 92 | 75 | 79 | 72 | - 8.9 |
| Boots and shoes..... | 130 | 82 | 110 | 109 | 109 | 100 | 111 | 97 | -12.6 |
| Total..... | 115 | 63 | 99 | 97 | 102 | 90 | 99 | 87 | -12.1 |
| Paper and printing— | | | | | | | | | |
| Total..... | 121 | 69 | 114 | 112 | 116 | 96 | 107 | 105 | - 1.9 |
| Chemicals, etc.— | | | | | | | | | |
| Coke..... | 140 | 40 | 100 | 83 | 129 | 122 | 119 | 110 | - 7.6 |
| Petroleum products..... | 163 | 96 | 145 | 145 | 157 | 157 | 163 | 162 | - 0.6 |
| Cottonseed oil*..... | 188 | 4 | 150 | 154 | 12 | 59 | 162 | 117 | -27.8 |
| Turpentine and rosin*..... | 269 | 21 | 156 | 186 | 267 | 219 | 213 | 107 | -49.8 |
| Wood distillation..... | 118 | 21 | 84 | 105 | 86 | 75 | 86 | 101 | +17.4 |
| Total..... | 157 | 92 | 137 | 137 | 139 | 140 | 157 | 142 | - 9.6 |
| Stone, clay, and glass— | | | | | | | | | |
| Brick..... | 124 | 53 | 117 | 103 | 92 | 80 | 90 | 78 | -13.3 |
| Glass bottles..... | 124 | 48 | 73 | 77 | 81 | 85 | 86 | ¹ 86 | 0.0 |
| Cement*..... | 200 | 61 | 183 | 169 | 194 | 196 | 200 | 188 | - 6.0 |
| Total..... | 126 | 69 | 116 | 109 | 113 | 111 | 116 | ² 109 | - 6.0 |
| Metals, excepting iron and steel— | | | | | | | | | |
| Copper smelting and refining..... | 126 | 23 | 78 | 85 | 107 | 98 | 103 | 98 | - 4.9 |
| Zinc smelting and refining..... | 127 | 38 | 104 | 105 | 109 | 102 | 110 | 116 | + 5.5 |
| Enamel ware..... | 275 | 86 | 188 | 186 | 232 | 212 | 275 | 228 | -17.1 |
| Lead..... | 156 | 79 | 132 | 138 | 142 | 135 | 135 | 130 | - 3.7 |
| Total..... | 176 | 71 | 133 | 135 | 161 | 148 | 176 | 157 | -10.8 |
| Tobacco— | | | | | | | | | |
| Manufactured tobacco and snuff..... | 119 | 50 | 101 | 96 | 102 | 96 | 103 | 95 | - 7.8 |
| Cigars..... | 128 | 75 | 118 | 115 | 105 | 102 | 121 | 91 | -24.8 |
| Cigarettes..... | 147 | 64 | 102 | 102 | 132 | 126 | 142 | 147 | + 3.5 |
| Total..... | 125 | 70 | 108 | 107 | 115 | 110 | 125 | 113 | - 9.6 |
| Miscellaneous— | | | | | | | | | |
| Shipbuilding..... | 79 | 2 | 10 | 8 | 7 | 6 | 5 | 2 | -60.0 |
| Automobiles..... | 239 | 29 | 145 | 144 | 209 | 199 | 222 | 190 | -14.4 |
| Rubber tires..... | 221 | 20 | 143 | 133 | 114 | 99 | 112 | 107 | - 4.5 |
| Prepared roofing..... | 163 | 58 | 137 | 115 | 124 | 148 | 145 | 124 | -14.5 |
| Total..... | 145 | 37 | 95 | 90 | 109 | 102 | 113 | 99 | -12.4 |
| Grand total, 65 commodities..... | 133 | 68 | 112 | 111 | ³ 119 | ³ 112 | ³ 121 | ² 111 | - 8.3 |
| ELECTRICAL POWER..... | 153 | 98 | 134 | 136 | 144 | 140 | 152 | 149 | - 2.0 |
| BUILDING CONSTRUCTION (total)*..... | 139 | 30 | 100 | 101 | 85 | 83 | 116 | 111 | - 4.3 |

*Fluctuations between maximum and minimum largely due to seasonal variations.
† Estimated.

‡ Partly estimated.
§ January, 1920; no other figures for 1920 available.

INDEXES OF BUSINESS—Continued.

| EXPLANATION. <i>All index numbers are relative to 1919 as 100, except prices, which are relative to 1913, and unfilled orders, which are relative to 1920.</i> | Maximum since Jan. 1, 1920. | Minimum since Jan. 1, 1920. | 1922 | | 1923 | | | | Per cent in- crease (+) or decrease (-), Nov. from Oct. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------|----------|-----------|------------------|------------------|------------------|------------------|------------------------------------------------------------------|
| | | | October. | November. | August. | September. | October. | November. | |
| | | | | | | | | | |
| STOCKS. | | | | | | | | | |
| Cotton (mills and warehouses)..... | 143 | 41 | 118 | 122 | 41 | 60 | 95 | 107 | +12.6 |
| Pig iron..... | 173 | 31 | 33 | 39 | 147 | 161 | 173 | 187 | + 8.1 |
| Lumber..... | 150 | 84 | 136 | 135 | 134 | 138 | 142 | 131 | - 7.7 |
| Paper and pulp..... | 126 | 75 | 98 | 92 | ¹ 107 | ¹ 101 | ¹ 86 | ¹ 92 | + 7.0 |
| Oils and naval stores..... | 190 | 85 | 146 | 150 | 123 | 128 | 130 | 140 | + 7.7 |
| Brick and enamel ware..... | 118 | 71 | 91 | 94 | 96 | 97 | 96 | 107 | +11.5 |
| Nonferrous metals..... | 378 | 98 | 204 | 195 | 213 | 176 | 265 | 98 | -63.0 |
| Total..... | 152 | 93 | 123 | 124 | ² 106 | ² 112 | ² 125 | ² 123 | - 1.6 |
| UNFILLED ORDERS. | | | | | | | | | |
| Total (based on 1920=100)..... | 116 | 40 | 72 | 71 | 60 | 58 | 54 | 53 | - 1.9 |
| WHOLESALE TRADE. (Value.) | | | | | | | | | |
| Hardware..... | 117 | 58 | 100 | 94 | 106 | 105 | 117 | 102 | -12.8 |
| Shoes..... | 78 | 39 | 76 | 67 | 70 | 70 | 75 | 59 | -21.3 |
| Dry goods..... | 116 | 64 | 108 | 94 | 121 | 123 | 123 | 96 | -22.0 |
| Groceries..... | 99 | 62 | 91 | 88 | 86 | 90 | 98 | 93 | - 5.1 |
| Drugs..... | 121 | 88 | 111 | 103 | 111 | 115 | 129 | 111 | -14.0 |
| Meat packing..... | 68 | 43 | 68 | 54 | 67 | 73 | 73 | 58 | -20.5 |
| Total..... | 92 | 62 | 89 | 81 | 89 | 93 | 98 | 84 | -14.3 |
| RETAIL TRADE. (Value.) | | | | | | | | | |
| MAIL-ORDER HOUSES (4 houses)..... | 131 | 49 | 109 | 110 | 73 | 92 | 134 | 122 | - 9.0 |
| CHAIN STORES: | | | | | | | | | |
| Ten-cent (5 chains)..... | 279 | 84 | 155 | 151 | 153 | 151 | 180 | 176 | - 2.2 |
| Music (4 chains)..... | 204 | 55 | 119 | 121 | 103 | 102 | 137 | 149 | + 8.8 |
| Grocery (32 chains)..... | 190 | 117 | 149 | 162 | 171 | 170 | 190 | 187 | - 1.6 |
| Drug (10 chains)..... | 162 | 109 | 133 | 123 | 145 | 143 | 152 | 141 | - 7.2 |
| Cigar (3 chains)..... | 181 | 106 | 127 | 127 | 135 | 140 | 138 | 134 | - 2.9 |
| Shoe (6 chains)..... | 162 | 72 | 121 | 123 | 95 | 127 | 139 | 131 | - 5.8 |
| DEPARTMENT STORES: | | | | | | | | | |
| Sales (333 stores)..... | 188 | 80 | 130 | 131 | 100 | 112 | 148 | 142 | - 4.1 |
| Stocks (286 stores)..... | 154 | 101 | 127 | 130 | 129 | 139 | 146 | 149 | + 2.1 |
| PRICE INDEX NUMBERS. (All price index numbers relative to 1913.) | | | | | | | | | |
| FARM PRICES: | | | | | | | | | |
| Crops (15th of month)..... | 309 | 97 | 110 | 118 | 136 | 138 | 139 | 137 | - 1.4 |
| Livestock (15th of month)..... | 181 | 91 | 110 | 105 | 102 | 109 | 103 | 97 | - 5.8 |
| WHOLESALE PRICES: | | | | | | | | | |
| Department of Labor— | | | | | | | | | |
| Farm products..... | 243 | 114 | 138 | 143 | 139 | 144 | 144 | 146 | + 1.4 |
| Food, etc..... | 248 | 131 | 140 | 143 | 142 | 147 | 148 | 148 | 0.0 |
| Cloths and clothing..... | 346 | 171 | 188 | 192 | 193 | 202 | 199 | 201 | + 1.0 |
| Fuel and lighting..... | 281 | 178 | 226 | 218 | 178 | 176 | 172 | 167 | - 2.9 |
| Metals and metal products..... | 203 | 109 | 135 | 133 | 145 | 144 | 142 | 141 | - 0.7 |
| Building material..... | 300 | 155 | 183 | 185 | 186 | 182 | 182 | 181 | - 0.5 |
| Chemicals..... | 213 | 121 | 124 | 127 | 127 | 128 | 129 | 130 | + 0.8 |
| House-furnishing goods..... | 275 | 173 | 176 | 179 | 183 | 183 | 183 | 176 | - 3.8 |
| Miscellaneous..... | 208 | 114 | 120 | 122 | 120 | 121 | 120 | 118 | - 1.7 |
| All commodities..... | 248 | 138 | 154 | 156 | 150 | 154 | 153 | 152 | - 0.7 |
| Federal Reserve Board (Depart- ment of Labor prices)— | | | | | | | | | |
| Total raw products..... | 249 | 135 | 166 | 166 | 153 | 158 | 155 | 154 | - 0.6 |
| Agricultural products..... | 311 | 122 | 147 | 160 | 152 | 163 | 172 | 179 | + 4.1 |
| Animal products..... | 218 | 103 | 132 | 129 | 125 | 131 | 122 | 115 | - 5.7 |
| Forest products..... | 375 | 152 | 204 | 207 | 203 | 196 | 197 | 196 | - 0.5 |
| Mineral products..... | 272 | 168 | 218 | 209 | 177 | 176 | 171 | 165 | - 3.5 |
| Producers' goods..... | 244 | 118 | 135 | 136 | 137 | 139 | 139 | 138 | - 0.7 |
| Consumers' goods..... | 249 | 146 | 152 | 155 | 154 | 158 | 159 | 159 | 0.0 |
| All commodities..... | 247 | 138 | 154 | 156 | 150 | 154 | 153 | 152 | - 0.7 |
| Federal Reserve Board Index— | | | | | | | | | |
| Goods imported..... | 246 | 102 | 134 | 136 | 136 | 144 | 150 | 147 | - 2.0 |
| Goods exported..... | 272 | 125 | 163 | 173 | 166 | 176 | 181 | 196 | + 8.3 |
| All commodities..... | 267 | 142 | 165 | 164 | 159 | 163 | 163 | 163 | 0.0 |
| Dun's (1st of following mo.)..... | 218 | 134 | 151 | 153 | 155 | 158 | 158 | 158 | 0.0 |
| Bradstreet's (1st of following mo.)..... | 227 | 115 | 145 | 150 | 140 | 142 | 143 | 146 | + 2.1 |

¹ Estimated.² Partly estimated.

INDEXES OF BUSINESS—Continued.

| EXPLANATION. <i>All index numbers are relative to 1919 as 100, except prices, which are relative to 1913, and unfilled orders, which are relative to 1920.</i> | Maximum since Jan. 1, 1920. | Minimum since Jan. 1, 1920. | 1922 | | 1923 | | | | Per cent increase (+) or decrease (—), Nov. from Oct. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|----------|-----------|---------|-----------|----------|-----------|-------------------------------------------------------|
| | | | October. | November. | August. | September | October. | November. | |
| PRICE INDEX NUMBERS— Continued. | | | | | | | | | |
| RETAIL PRICES, FOOD— | 219 | 139 | 143 | 145 | 146 | 149 | 150 | 151 | +0.7 |
| COST OF LIVING, National Industrial Conference Board: | | | | | | | | | |
| Food..... | 219 | 139 | 143 | 145 | 146 | 149 | 150 | 151 | +0.7 |
| Shelter..... | 175 | 143 | 165 | 167 | 175 | 175 | 175 | 180 | +2.9 |
| Clothing..... | 288 | 153 | 157 | 160 | 171 | 175 | 176 | 174 | —1.1 |
| Fuel and light..... | 200 | 149 | 187 | 186 | 176 | 176 | 178 | 176 | —1.1 |
| Sundries..... | 192 | 171 | 172 | 171 | 173 | 173 | 173 | 174 | +0.6 |
| All items weighted..... | 205 | 155 | 157 | 158 | 162 | 163 | 164 | 165 | +0.6 |
| FOREIGN WHOLESALE PRICES: | | | | | | | | | |
| United Kingdom— | | | | | | | | | |
| British Board Trade..... | | 154 | 155 | 157 | 155 | 158 | 158 | 161 | +1.9 |
| London Economist..... | 310 | 155 | 158 | 159 | 155 | 160 | 160 | 169 | +5.6 |
| U. S. Fed. Res. Bd..... | 340 | 163 | 160 | 162 | 164 | 165 | 166 | 171 | +3.0 |
| France— | | | | | | | | | |
| Gen. Stat. Bureau..... | 588 | 306 | 337 | 352 | 412 | 424 | 421 | | |
| U. S. Fed. Res. Bd..... | 537 | 283 | 294 | 306 | 369 | 381 | 382 | 392 | +2.6 |
| Italy (Bachi)..... | 670 | 504 | 601 | 596 | 567 | 569 | 563 | 571 | +1.4 |
| Sweden..... | 366 | 154 | 155 | 154 | 163 | 155 | 153 | 151 | —1.3 |
| Switzerland..... | * 326 | 160 | 163 | 169 | 173 | 181 | 182 | 183 | +0.5 |
| Canada— | | | | | | | | | |
| Canadian Dept. Labor..... | 263 | 162 | 162 | 164 | 164 | 163 | 163 | 164 | —0.6 |
| U. S. Fed. Res. Bd..... | 279 | 144 | 145 | 147 | 149 | 148 | 147 | 144 | —2.0 |
| Australia..... | 236 | 146 | 159 | 162 | 175 | 172 | 171 | | |
| India (Calcutta)..... | 218 | 170 | 177 | 178 | 171 | 174 | 174 | 177 | +1.7 |
| Japan— | | | | | | | | | |
| Bank of Japan..... | * 321 | 183 | 190 | 188 | | 210 | 212 | | |
| U. S. Fed. Res. Bd..... | 313 | 171 | 174 | 172 | | | | | |

* January, 1920; no other figures for 1920 available.

* Since January, 1921.

WORLD PRODUCTION OF WHEAT.*

| Country | World total. | Argentina. | Australia. | India. | United States. | Spain. | Italy. | France. | Germany. | Rumania. | Canada. |
|-------------------------------------|--------------|------------|------------|--------|----------------|---------|---------|---------|----------|----------|------------|
| New crop available..... | | January. | January. | March. | July. | August. | August. | August. | August. | August. | September. |
| Millions of bushels. | | | | | | | | | | | |
| Normal consumption (1900-1913)..... | | 64 | 37 | 301 | 531 | 136 | 236 | 361 | 221 | 34 | 116 |
| 1909-1913 average..... | 3,577 | 157 | 85 | 351 | 690 | 130 | 183 | 318 | 152 | 87 | 197 |
| 1914..... | 3,586 | 105 | 103 | 312 | 891 | 116 | 170 | 283 | 146 | 49 | 161 |
| 1915..... | 4,199 | 169 | 25 | 377 | 1,026 | 139 | 171 | 223 | 142 | 80 | 394 |
| 1916..... | * 2,609 | 169 | 179 | 323 | 636 | 152 | 177 | 205 | * 110 | 78 | 263 |
| 1917..... | * 2,288 | 80 | 152 | 382 | 637 | 143 | 140 | 136 | 82 | | 231 |
| 1918..... | * 2,804 | 224 | 115 | 370 | 921 | 136 | 183 | 226 | * 86 | * 18 | 189 |
| 1919..... | * 2,743 | 180 | 76 | 280 | 968 | 129 | 170 | * 182 | * 90 | * 66 | 193 |
| 1920..... | * 2,868 | 217 | 46 | 378 | 833 | 139 | 141 | * 237 | * 83 | * 61 | 263 |
| 1921..... | * 3,069 | 156 | 146 | 250 | 815 | 145 | 194 | * 323 | * 100 | * 79 | 301 |
| 1922..... | * 3,096 | 181 | 129 | 365 | 858 | 125 | 162 | * 243 | * 70 | * 93 | 400 |
| 1923, latest estimates..... | | 189 | 109 | 369 | 786 | 157 | 225 | 290 | 104 | 103 | 470 |

* Russia excluded. No accurate statistics are available.

* Excludes Alsace-Lorraine.

* Excludes Dobruja.

* New boundaries.

* Former kingdom, Bessarabia and Bukovina.

* Data compiled by U. S. Department of Agriculture, Bureau of Agricultural Economics, and corrected monthly in accordance with latest available information received by that department or by Department of Commerce, Bureau of Foreign and Domestic Commerce. Countries are placed in the order in which crops are harvested 1923 estimates are as of Dec. 20, 1923.

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. The numerical data for the latest months are given and in addition index numbers for the last four months and for two corresponding months of a year ago. In many lines the figures do not lend themselves readily to statistical uniformity, due to lateness of their publication or publication at other than monthly intervals; therefore the following explanations of the various headings are offered to make clear such distinctions and in general to facilitate the use of the table:

October, 1923.—This column gives the October figures corresponding to those for November shown in the next column—in other words, cover the previous month.

November, 1923.—In this column are given the figures covering the month of November, or, as in the case of stocks, etc., the situation on November 30 or December 1.

Corresponding month, October, 1922, or November, 1922.—The figures in this column present the situation exactly a year previous to those in the "November, 1923," column (that is, generally November, 1922), but where no figures are available for November, 1923, the October, 1922, figures have been inserted in this column for comparison with the October, 1923, figures.

Cumulative total through latest month.—These columns set forth, for those items that properly can be cumulated, the cumulative total for the eleven months of the calendar years 1922 and 1923, respectively, except where the November, 1923, figures are lacking, in which case the cumulative total for ten months in each year is given.

Percentage increase (+) or decrease (—) cumulative, 1923 from 1922.—This column shows the per cent by which the cumulated total for the eleven months ending November, 1923, is greater (+) or less (—) than the total for the corresponding period ended November, 1922.

Base year or period.—For purposes of comparison with a previous more or less normal period, all items, so far as possible, are related to such a period by index numbers. The period taken for each item, called the base, is the monthly average of the year or period stated in this column. Wherever possible, the year 1913 is taken as a base, and if no pre-war figures are available, 1919 is usually taken to avoid using a war year as a basis. In some cases it will be noted that figures were not available prior to 1920 or even 1921, and that sometimes a month, or an average of a few months, has to be used rather than a year's average. Also, for some industries, 1919 would not be a proper base on account of extraordinary conditions in the industry and therefore some more representative year has been chosen.

Index numbers.—In order to visualize the trend of each movement, index or relative numbers are given for the last four months and for two corresponding months of a year ago. These index numbers are computed by allowing the monthly average for the base period, usually 1913 or 1919, to equal 100. If the movement for a current month is greater than the base the index number will be greater than 100. If the converse is true the index number will be less than 100. The difference between 100 and any index number gives at once the per cent increase or decrease compared with the base period. Index numbers may also be used to compute the approximate per cent increase or decrease from one month to the next.

Percentage increase (+) or decrease (—) November from October.—The last column shows the per cent increase or decrease of the figure for the last month compared with the preceding month.

| NOTE.—Items marked with an asterisk (*) have not been published previously in the SURVEY or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the SURVEY (No. 27). | NUMERICAL DATA. | | | | | Per cent increase (+) or decrease (—) cumulative 1923 from 1922. | BASE YEAR OR PERIOD. | INDEX NUMBERS. | | | | | | Per cent increase (+) or decrease (—) Nov. from Oct. | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-------------------------------------------------|----------------------------------------|-----------|------------------------------------------------------------------|----------------------|----------------|------|------|-------|------|------|------------------------------------------------------|--|
| | October, 1923. | November, 1923. | Corresponding month, October or November, 1922. | CUMULATIVE TOTAL THROUGH LATEST MONTH. | | | | 1922 | | 1923 | | | | | |
| | | | | 1922 | 1923 | | | Oct. | Nov. | Aug. | Sept. | Oct. | Nov. | | |
| | | | | | | | | | | | | | | | |
| In many cases December figures are now available and may be found in the special table on page 23. | | | | | | | | | | | | | | | |
| TEXTILES. | | | | | | | | | | | | | | | |
| Wool. | | | | | | | | | | | | | | | |
| Receipts at Boston: | | | | | | | | | | | | | | | |
| Domestic.....thous. of lbs.. | 4,335 | 8,202 | 9,715 | 183,052 | 129,621 | — 29.2 | 1913 | 64 | 71 | 131 | 77 | 32 | 61 | + 89.2 | |
| Foreign.....thous. of lbs.. | 3,176 | 3,474 | 21,731 | 208,069 | 267,014 | + 28.3 | 1913 | 225 | 412 | 65 | 66 | 60 | 66 | + 9.4 | |
| Total.....thous. of lbs.. | 7,511 | 11,676 | 31,446 | 391,122 | 396,635 | + 1.4 | 1913 | 109 | 168 | 113 | 74 | 40 | 62 | + 55.5 | |
| Imports, unmanufactured.....thous. of lbs.. | 9,566 | 9,815 | 27,084 | 330,134 | 382,454 | + 15.8 | 1913 | 200 | 214 | 81 | 62 | 76 | 78 | + 2.6 | |
| Consumption by textile mills, grease equivalent.....thous. of lbs.. | 51,815 | 50,279 | 63,313 | 595,758 | 596,156 | + 0.1 | 1921 | 134 | 143 | 109 | 106 | 117 | 114 | — 3.0 | |
| Machinery activity hourly: | | | | | | | | | | | | | | | |
| Looms, wide.....per ct. of hours active.. | 76.7 | 77.0 | 80.0 | ..... | ..... | ..... | 1921 | 114 | 116 | 111 | 113 | 111 | 112 | + 0.9 | |
| Looms, narrow.....per ct. of hours active.. | 73.9 | 74.1 | 72.7 | ..... | ..... | ..... | 1921 | 122 | 114 | 100 | 105 | 116 | 116 | 0.0 | |
| Looms, carpet and rug.....per ct. of hours active.. | 84.2 | 84.5 | 83.7 | ..... | ..... | ..... | 1921 | 144 | 163 | 156 | 158 | 164 | 165 | + 0.6 | |
| Sets of cards.....per ct. of hours active.. | 92.7 | 93.3 | 93.7 | ..... | ..... | ..... | 1921 | 131 | 131 | 130 | 131 | 130 | 130 | 0.0 | |
| Combs.....per ct. of hours active.. | 86.2 | 85.4 | 111.4 | ..... | ..... | ..... | 1921 | 119 | 125 | 95 | 96 | 97 | 96 | — 1.0 | |
| Spinning spindles— | | | | | | | | | | | | | | | |
| Woolen.....per ct. of hours active.. | 88.0 | 88.7 | 89.7 | ..... | ..... | ..... | 1921 | 126 | 125 | 124 | 124 | 122 | 123 | + 0.8 | |
| Worsted.....per ct. of hours active.. | 87.0 | 83.0 | 93.7 | ..... | ..... | ..... | 1921 | 115 | 114 | 100 | 101 | 106 | 101 | — 4.7 | |
| Machinery activity (percentage of total): | | | | | | | | | | | | | | | |
| Woolen spindles.....per ct. of active to total.. | 84 | 82 | 84 | ..... | ..... | ..... | 1913 | 109 | 109 | 109 | 108 | 109 | 106 | — 2.8 | |
| Worsted spindles.....per ct. of active to total.. | 84 | 82 | 99 | ..... | ..... | ..... | 1913 | 120 | 122 | 115 | 112 | 114 | 111 | — 2.6 | |
| Wide looms.....per ct. of active to total.. | 77 | 77 | 81 | ..... | ..... | ..... | 1913 | 104 | 109 | 104 | 104 | 104 | 104 | 0.0 | |
| Narrow looms.....per ct. of active to total.. | 81 | 80 | 82 | ..... | ..... | ..... | 1913 | 108 | 112 | 111 | 110 | 111 | 110 | — 0.9 | |
| Carpet looms.....per ct. of active to total.. | 86 | 86 | 84 | ..... | ..... | ..... | 1913 | 122 | 124 | 125 | 124 | 127 | 126 | — 0.8 | |
| Prices: | | | | | | | | | | | | | | | |
| Raw, Ohio, 1/2 blood unwashed.....dolls. per lb.. | .47 | .48 | .51 | ..... | ..... | ..... | 1913 | 188 | 204 | 200 | 188 | 188 | 192 | + 2.1 | |
| Raw, territory fine, scoured.....dolls. per lb.. | 1.30 | 1.30 | 1.39 | ..... | ..... | ..... | 1913 | 235 | 244 | 240 | 232 | 228 | 228 | 0.0 | |
| Worsted yarn.....dolls. per lb.. | 1.650 | 1.650 | 1.650 | ..... | ..... | ..... | 1913 | 193 | 212 | 225 | 219 | 212 | 212 | 0.0 | |
| Wool, dress goods.....dolls. per yd.. | 1.035 | 1.035 | .950 | ..... | ..... | ..... | 1913 | 146 | 169 | 184 | 184 | 184 | 184 | 0.0 | |
| Men's suitings.....dolls. per yd.. | 3.690 | 3.690 | 3.420 | ..... | ..... | ..... | 1913 | 213 | 221 | 239 | 239 | 239 | 239 | 0.0 | |
| Cotton. | | | | | | | | | | | | | | | |
| Ginnings.....thous. of bales.. | 4,319 | 1,689 | 1,180 | 19,320 | 19,376 | + 0.6 | 1909-13 | 396 | 110 | 105 | 195 | 401 | 157 | — 60.9 | |
| Receipts into sight.....thous. of bales.. | 2,368 | 2,135 | 2,156 | 10,309 | 9,510 | — 7.8 | 1913 | 194 | 179 | 45 | 124 | 197 | 177 | — 9.8 | |
| Imports, unmanufactured.....bales.. | 7,615 | 16,564 | 49,551 | 303,552 | 339,557 | + 11.9 | 1913 | 132 | 244 | 17 | 33 | 37 | 82 | +117.5 | |
| Exports, unmanufactured (including linters).....bales.. | 781,722 | 770,002 | 858,337 | 5,506,460 | 4,446,318 | + 19.3 | 1913 | 110 | 118 | 34 | 95 | 108 | 106 | — 1.5 | |
| Consumption by textile mills.....bales.. | 541,825 | 531,631 | 579,190 | 5,558,188 | 6,052,135 | + 8.9 | 1913 | 111 | 120 | 102 | 100 | 112 | 110 | — 1.9 | |

¹ Overtime was reported sufficient to offset all idle hours and leave an excess.

² Cumulatives are for crop years as indicated.

TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Items marked with an asterisk (*) have not been published previously in the SURVEY or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the SURVEY (No. 37).

In many cases December figures are now available and may be found in the special table on page 23.

| NOTE.—Items marked with an asterisk (*) have not been published previously in the SURVEY or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the SURVEY (No. 37). | NUMERICAL DATA. | | | | | Per cent increase (+) or decrease (—) cumulative 1923 from 1922. | BASE YEAR OR PERIOD. | INDEX NUMBERS. | | | | | | Per cent increase (+) or decrease (—) Nov. from Oct. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-------------------------------------------------|----------------------------------------|-----------|------------------------------------------------------------------|----------------------|----------------|-------|-------|-------|-------|-------|------------------------------------------------------|
| | October, 1923. | November, 1923. | Corresponding month, October or November, 1922. | CUMULATIVE TOTAL THROUGH LATEST MONTH. | | | | 1922 | | 1923 | | | | |
| | | | | 1922. | 1923. | | | Oct. | Nov. | Aug. | Sept. | Oct. | Nov. | |
| In many cases December figures are now available and may be found in the special table on page 23. | | | | | | | | | | | | | | |
| TEXTILES—Continued. | | | | | | | | | | | | | | |
| Cotton—Continued. | | | | | | | | | | | | | | |
| Stocks, end of month: | | | | | | | | | | | | | | |
| Total domestic ginned.....thous. of bales.. | 5,299 | 5,797 | 8,015 | | | | 1914 | 198 | 194 | 61 | 83 | 128 | 138 | + 7.7 |
| Mills.....thous. of bales.. | 1,103 | 1,438 | 1,724 | | | | 1913 | 103 | 128 | 60 | 57 | 82 | 107 | + 30.4 |
| Warehouses.....thous. of bales.. | 3,485 | 3,771 | 1,198 | | | | 1913 | 214 | 238 | 67 | 122 | 198 | 214 | + 8.2 |
| Elsewhere (completed).....thous. of bales.. | 710 | 498 | 2,092 | | | | 1914 | 237 | 199 | 49 | 49 | 67 | 47 | + 29.9 |
| World, visible: | | | | | | | | | | | | | | |
| American.....thous. of bales.. | 2,785 | 3,226 | 3,876 | | | | 1913 | 118 | 125 | 30 | 52 | 90 | 104 | + 15.8 |
| Manufactured goods: | | | | | | | | | | | | | | |
| Cotton cloth exports.....thous. of sq. yds.. | 44,795 | 37,159 | 45,934 | 545,590 | 429,638 | - 21.3 | * 1913 | 138 | 124 | 104 | 103 | 121 | 100 | + 2.5 |
| Fabric consumption | | | | | | | | | | | | | | |
| by tire mfrs.....thous. of lbs.. | 8,431 | 7,939 | 9,015 | 91,468 | 109,950 | + 20.2 | 1921 | 150 | 135 | 122 | 99 | 126 | 119 | - 5.8 |
| Elastic webbing sales.....thous. of yds.. | 11,259 | 9,979 | 14,716 | 151,078 | 147,736 | - 2.2 | 1919 | 96 | 100 | 81 | 70 | 77 | 68 | - 11.4 |
| Fine cotton goods: | | | | | | | | | | | | | | |
| Production.....pieces.. | 441,079 | 461,806 | 411,527 | 4,193,473 | 4,776,431 | + 13.9 | 1919 | 97 | 107 | 112 | 112 | 116 | 120 | + 4.0 |
| Sales.....pieces.. | 327,694 | 390,943 | 393,453 | 3,941,606 | 3,866,318 | - 1.9 | 1919 | 149 | 88 | 100 | 98 | 73 | 88 | + 9.3 |
| Cotton finishing: | | | | | | | | | | | | | | |
| Orders received, gray yardage— | | | | | | | | | | | | | | |
| White goods.....thous. of yds.. | 39,731 | 36,910 | 37,817 | 364,145 | 374,228 | + 2.8 | * 1921 | 126 | 113 | 95 | 110 | 118 | 110 | - 7.1 |
| Dyed goods.....thous. of yds.. | 37,480 | 36,159 | 43,897 | 352,203 | 418,646 | + 18.9 | * 1921 | 153 | 150 | 107 | 142 | 128 | 124 | - 2.7 |
| Printed goods.....thous. of yds.. | 10,807 | 9,261 | 16,639 | 131,273 | 120,306 | - 8.4 | * 1921 | 92 | 107 | 44 | 58 | 69 | 59 | - 14.3 |
| Total.....thous. of yds.. | 97,935 | 91,829 | 110,211 | 954,037 | 1,017,010 | + 6.6 | * 1921 | 126 | 122 | 87 | 111 | 109 | 102 | - 6.3 |
| Billings, finished goods (as produced)— | | | | | | | | | | | | | | |
| White goods.....thous. of yds.. | 42,057 | 36,139 | 39,907 | 362,969 | 376,903 | + 3.8 | 1921 | 128 | 123 | 88 | 93 | 129 | 111 | - 14.1 |
| Dyed goods.....thous. of yds.. | 40,796 | 41,011 | 36,297 | 320,566 | 412,407 | + 28.6 | 1921 | 133 | 137 | 118 | 113 | 154 | 154 | - 0.5 |
| Printed goods.....thous. of yds.. | 9,867 | 10,088 | 13,428 | 120,583 | 131,181 | + 8.8 | 1921 | 97 | 103 | 57 | 54 | 75 | 77 | + 2.2 |
| Total.....thous. of yds.. | 102,695 | 97,531 | 102,898 | 927,463 | 1,046,357 | + 12.8 | 1921 | 118 | 121 | 89 | 91 | 120 | 114 | - 5.0 |
| Shipments, finished goods— | | | | | | | | | | | | | | |
| White goods.....cases.. | 18,274 | 16,237 | 17,908 | 161,407 | 177,569 | + 10.0 | * 1921 | 115 | 116 | 85 | 101 | 118 | 105 | - 11.1 |
| Dyed goods.....cases.. | 9,182 | 8,590 | 12,271 | 99,027 | 102,809 | + 3.8 | * 1921 | 125 | 155 | 90 | 91 | 116 | 108 | - 6.4 |
| Printed goods.....cases.. | 1,995 | 2,226 | 2,647 | 27,430 | 22,143 | - 19.3 | * 1921 | 94 | 91 | 41 | 51 | 69 | 77 | + 11.6 |
| Total.....cases.. | 49,295 | 46,543 | 54,786 | 484,359 | 530,800 | + 9.6 | * 1921 | 116 | 122 | 86 | 94 | 110 | 104 | - 5.6 |
| Stocks, finished goods— | | | | | | | | | | | | | | |
| White goods.....cases.. | 11,613 | 12,540 | 10,696 | | | | * 1921 | 148 | 147 | 149 | 157 | 159 | 172 | + 8.0 |
| Dyed goods.....cases.. | 7,323 | 6,908 | 5,886 | | | | * 1921 | 161 | 151 | 182 | 172 | 188 | 177 | - 5.7 |
| Printed goods.....cases.. | 2,556 | 2,393 | 2,061 | | | | * 1921 | 76 | 69 | 98 | 85 | 86 | 80 | - 6.4 |
| Total.....cases.. | 47,686 | 49,017 | 45,969 | | | | * 1921 | 124 | 127 | 136 | 129 | 132 | 135 | + 2.8 |
| Operating activity.....per cent of capacity.. | 72 | 66 | 78 | | | | * 1921 | 114 | 120 | 80 | 94 | 111 | 102 | - 8.3 |
| Machinery activity of spindles: | | | | | | | | | | | | | | |
| Active spindles.....thousands.. | 34,379 | 34,101 | 34,658 | | | | 1913 | 112 | 115 | 111 | 112 | 114 | 113 | - 0.8 |
| Total activity.....millions of hours.. | 8,382 | 8,015 | 8,710 | | | | 1922 | 111 | 117 | 102 | 100 | 113 | 108 | - 4.4 |
| Activity per spindle.....hours.. | 223 | 213 | 234 | | | | 1922 | 110 | 116 | 100 | 99 | 110 | 105 | - 4.5 |
| Per cent of capacity.....per cent.. | 95.4 | 96.6 | 106.2 | | | | | | | | | | | |
| Prices: | | | | | | | | | | | | | | |
| Raw cotton to producer.....dols. per lb.. | .288 | .310 | .238 | | | | 1913 | 187 | 198 | 201 | 227 | 240 | 258 | + 7.6 |
| Raw cotton, New York.....dols. per lb.. | .301 | .350 | .256 | | | | 1913 | 178 | 200 | 199 | 223 | 235 | 274 | + 16.3 |
| Cotton yarn.....dols. per lb.. | .494 | .540 | .452 | | | | 1913 | 171 | 183 | 175 | 191 | 200 | 218 | + 9.3 |
| Print cloth.....dols. per yd.. | .075 | .079 | .077 | | | | 1913 | 208 | 223 | 187 | 204 | 217 | 229 | + 5.3 |
| Sheeting.....dols. per yd.. | .125 | .128 | .117 | | | | 1913 | 176 | 190 | 181 | 186 | 204 | 208 | + 2.4 |
| Clothing. | | | | | | | | | | | | | | |
| Men's and boys' garments cut*— | | | | | | | | | | | | | | |
| Men's suits, wool.....number.. | 490,800 | | | | | | | | | | | | | |
| Men's suits, other.....number.. | 59,114 | | | | | | | | | | | | | |
| Men's separate trousers, wool.....number.. | 635,271 | | | | | | | | | | | | | |
| Men's separate trousers, other.....number.. | 413,819 | | | | | | | | | | | | | |
| Men's overcoats.....number.. | 494,877 | | | | | | | | | | | | | |
| Boys' suits and separate pants.....number.. | 430,273 | | | | | | | | | | | | | |
| Boys' overcoats and reefers.....number.. | 120,065 | | | | | | | | | | | | | |
| Work clothing*— | | | | | | | | | | | | | | |
| Cut.....dozens.. | 186,059 | 170,202 | | | | | | | | | | | | |
| Sales.....dozens.. | 188,140 | 168,051 | | | | | | | | | | | | - 8.5 |
| Cancellations.....dozens.. | 4,645 | 4,562 | | | | | | | | | | | | - 10.6 |
| Stocks, end of month.....dozens.. | 224,916 | 221,320 | | | | | | | | | | | | - 2.0 |
| Knit underwear: | | | | | | | | | | | | | | - 1.6 |
| Production.....dozens.. | 775,500 | 779,400 | 666,900 | 6,984,900 | 768,500 | + 10.4 | 1920 | 115 | 113 | 125 | 113 | 131 | 132 | + 0.5 |
| Orders received.....thous. of dozens.. | 698 | 631 | 1,015 | 8,282 | 7,295 | - 11.9 | * 1920 | 1,201 | 1,006 | 661 | 1,500 | 592 | 625 | + 5.5 |
| Shipments.....dozens.. | 654,300 | 717,300 | 629,100 | 7,156,800 | 8,193,600 | + 14.5 | * 1920 | 131 | 137 | 194 | 154 | 143 | 156 | + 9.6 |
| Cancellations.....dozens.. | 20,700 | 22,500 | 14,400 | 159,300 | 198,900 | + 24.9 | * 1920 | 18 | 29 | 81 | 22 | 41 | 45 | + 8.7 |
| Unfilled orders, end of month.....thous. of dozens.. | 2,325 | 2,268 | 2,287 | | | | * 1920 | 464 | 455 | 370 | 527 | 463 | 451 | - 2.5 |
| Raw Silk. | | | | | | | | | | | | | | |
| Imports.....thous. of lbs.. | 5,240 | 6,028 | 5,702 | 52,468 | 56,935 | + 8.5 | 1913 | 275 | 200 | 170 | 159 | 184 | 212 | + 15.0 |
| Deliveries (consumption).....bales.. | 25,917 | 25,225 | 35,467 | 336,578 | 335,143 | - 0.4 | * 1920 | 210 | 199 | 188 | 151 | 145 | 141 | - 2.7 |
| Stocks, end of month.....bales.. | 32,679 | 35,398 | 47,159 | | | | 1920 | 89 | 92 | 50 | 53 | 64 | 69 | + 8.3 |
| Price, Japanese, N. Y.....dols. per lb.. | 7.840 | 7.840 | 8.330 | | | | 1913 | 228.9 | 216.8 | 201.9 | 269.3 | 215.4 | 215.4 | 0.0 |
| Burlap and Fiber. | | | | | | | | | | | | | | |
| Imports: | | | | | | | | | | | | | | |
| Burlap.....thous. of lbs.. | 46,499 | 51,251 | 55,067 | 484,603 | 551,391 | + 13.8 | 1909-13 | 150 | 162 | 119 | 133 | 137 | 151 | + 10.2 |
| Fiber (unmanufactured).....long tons.. | 19,310 | 34,199 | 26,553 | 236,733 | 286,111 | + 20.9 | 1909-13 | 102 | 93 | 64 | 49 | 67 | 120 | + 77.1 |

* Average for fiscal year ending June 30.

* Eleven months' average, January to November, inclusive.

* Revised.

* As of first of following month.

* Relative to six months' average, July to December, inclusive.

* Relative to 11 months' average, February to December, inclusive.

TREND OF BUSINESS MOVEMENTS—Continued.

| NOTE.—Items marked with an asterisk (*) have not been published previously in the SURVEY or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the SURVEY (No. 27). In many cases December figures are now available and may be found in the special table on page 23. | NUMERICAL DATA. | | | | | Per cent increase (+) or decrease (—) cumulative 1923 from 1922. | BASE YEAR OR PERIOD. | INDEX NUMBERS. | | | | | | Per cent increase (+) or decrease (—) Nov. from Oct. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-------------------------------------------------|----------------------------------------|-----------|------------------------------------------------------------------|----------------------|----------------|------|------|-------|-------|------|------------------------------------------------------|
| | October, 1923. | November, 1923. | Corresponding month, October or November, 1922. | CUMULATIVE TOTAL THROUGH LATEST MONTH. | | | | 1922 | | 1923 | | | | |
| | | | | 1922 | 1923 | | | Oct. | Nov. | Aug. | Sept. | Oct. | Nov. | |
| TEXTILES—Continued. | | | | | | | | | | | | | | |
| Pyroxylin Coated Textiles.* | | | | | | | | | | | | | | |
| Pyroxylin spread.....thous. of lbs.. | 2,988 | 2,503 | | | | | | | | | | | | - 16.2 |
| Shipments billed: | | | | | | | | | | | | | | |
| Light goods.....linear yds.. | 691,867 | 554,227 | | | | | | | | | | | | - 19.9 |
| Heavy goods.....linear yds.. | 1,395,135 | 1,319,011 | | | | | | | | | | | | - 5.5 |
| Unfilled orders, end of month: | | | | | | | | | | | | | | |
| Light goods.....linear yds.. | 389,423 | 625,330 | | | | | | | | | | | | + 31.9 |
| Heavy goods.....linear yds.. | 1,504,082 | 1,526,399 | | | | | | | | | | | | + 1.5 |
| Fur-Felt Hats.* | | | | | | | | | | | | | | |
| Fur: | | | | | | | | | | | | | | |
| Consumption.....lbs.. | 105,407 | 112,585 | | | | | | | | | | | | + 6.8 |
| Stock, end of month.....lbs.. | 515,961 | 526,110 | | | | | | | | | | | | + 2.0 |
| Hats: | | | | | | | | | | | | | | |
| Formed.....dozen.. | 46,225 | 46,040 | | | | | | | | | | | | - 0.4 |
| Orders booked.....dozen.. | 58,391 | 62,495 | | | | | | | | | | | | + 7.0 |
| Surplus bales, end of month.....dozen.. | 30,107 | 31,783 | | | | | | | | | | | | + 5.6 |
| METALS. | | | | | | | | | | | | | | |
| Iron Ore and Pig Iron. | | | | | | | | | | | | | | |
| Iron ore: | | | | | | | | | | | | | | |
| Movement through Sault Ste Marie Canal.....thous. of short tons.. | 8,461 | 5,361 | 3,658 | 42,146 | 59,176 | + 40.4 | 1913 | 73 | 46 | 131 | 118 | 106 | 67 | - 36.6 |
| Stocks— | | | | | | | | | | | | | | |
| Total.....thous. of tons.. | 41,042 | 42,836 | 44,004 | | | | 1919 | 145 | 144 | 108 | 123 | 135 | 140 | + 4.4 |
| At furnaces.....thous. of tons.. | 32,945 | 34,080 | 34,105 | | | | 1919 | 155 | 153 | 121 | 137 | 148 | 153 | + 3.4 |
| On Lake Erie docks.....thous. of tons.. | 8,097 | 8,757 | 9,899 | | | | 1919 | 118 | 122 | 73 | 86 | 100 | 108 | + 8.2 |
| Consumption.....thous. of tons.. | 4,801 | 4,441 | 4,381 | 35,409 | 57,816 | + 63.3 | 1919 | 100 | 109 | 133 | 120 | 119 | 110 | - 7.5 |
| Pig iron, production.....thous. of long tons.. | 3,149 | 2,894 | 2,850 | 23,793 | 37,113 | + 56.0 | 1913 | 103 | 111 | 131 | 122 | 123 | 113 | - 8.1 |
| Furnaces in blast, end of month: | | | | | | | | | | | | | | |
| Furnaces.....number.. | 245 | 231 | 242 | | | | 1913 | 81 | 90 | 100 | 95 | 91 | 86 | - 5.7 |
| Capacity.....long tons per day.. | 99,030 | 94,345 | 97,135 | | | | 1913 | 105 | 116 | 127 | 122 | 118 | 112 | - 4.7 |
| Merchant pig iron: | | | | | | | | | | | | | | |
| Production.....thous. of long tons.. | 458 | 431 | 386 | 2,806 | 5,495 | + 95.8 | 1914 | 80 | 102 | 132 | 120 | 121 | 114 | - 5.9 |
| Sales.....thous. of long tons.. | 252 | 981 | 236 | 3,518 | 4,687 | + 33.2 | 1914 | 57 | 72 | 92 | 91 | 76 | 297 | +289.3 |
| Shipments.....thous. of long tons.. | 399 | 366 | 371 | 3,589 | 4,825 | + 34.4 | 1914 | 89 | 112 | 123 | 117 | 120 | 110 | - 8.3 |
| Unfilled orders.....thous. of long tons.. | 617 | 1,266 | 739 | | | | 1914 | 64 | 57 | 62 | 57 | 47 | 97 | +105.2 |
| Stocks, merchant furnaces.....thous. of long tons.. | 831 | 896 | 188 | | | | 1914 | 21 | 25 | 93 | 102 | 109 | 118 | + 7.8 |
| Stocks, steel plants.....thous. of long tons.. | 161 | 150 | 48 | | | | 1921 | 16 | 25 | 70 | 78 | 85 | 80 | - 6.8 |
| Ohio gray-iron foundries: | | | | | | | | | | | | | | |
| Meltings.....long tons.. | 21,458 | 20,051 | 16,350 | 131,261 | 231,397 | + 76.3 | 1922 | 116 | 134 | 148 | 151 | 176 | 165 | - 6.6 |
| Meltings.....per cent of normal.. | 68.14 | 70.29 | 63.32 | | | | 1921 | 119 | 122 | 154 | 138 | 131 | 136 | + 3.2 |
| Receipts of iron.....long tons.. | 16,488 | 13,855 | 8,240 | 85,581 | 181,802 | +112.4 | 1922 | 123 | 100 | 181 | 156 | 200 | 168 | - 16.0 |
| Stocks.....long tons.. | 24,426 | 23,658 | 21,439 | | | | 1922 | 88 | 96 | 103 | 102 | 110 | 106 | - 3.1 |
| Wholesale prices: | | | | | | | | | | | | | | |
| Foundry No. 2, Northern.....dolls. per long ton.. | 25.37 | 23.65 | 29.65 | | | | 1913 | 210 | 185 | 166 | 166 | 159 | 148 | - 6.8 |
| Basic Valley furnace.....dolls. per long ton.. | 23.50 | 20.88 | 27.75 | | | | 1913 | 210 | 189 | 168 | 169 | 160 | 142 | - 11.1 |
| Composite pig iron.....dolls. per long ton.. | 24.37 | 22.49 | 29.46 | | | | 1913 | 206 | 191 | 169 | 168 | 158 | 146 | - 7.8 |
| Malleable castings:* | | | | | | | | | | | | | | |
| Production.....tons.. | 56,798 | 47,112 | | | | | | | | | | | | - 17.1 |
| Shipments.....tons.. | 54,221 | 44,215 | | | | | | | | | | | | - 18.5 |
| Orders booked.....tons.. | 43,978 | 34,817 | | | | | | | | | | | | - 20.8 |
| Operating activity.....per ct. of capacity.. | 59.4 | 49.2 | | | | | | | | | | | | - 17.2 |
| Cast-iron pipe:* | | | | | | | | | | | | | | |
| Production.....tons.. | 88,696 | 80,945 | | | | | | | | | | | | - 8.7 |
| Shipments.....tons.. | 88,000 | 73,080 | | | | | | | | | | | | - 17.0 |
| New orders.....tons.. | 137,821 | 142,430 | | | | | | | | | | | | + 3.3 |
| Crude Steel. | | | | | | | | | | | | | | |
| Steel ingots, production.....thous. of long tons.. | 3,548 | 3,114 | 3,430 | 31,268 | 40,385 | + 29.2 | 1913 | 135 | 136 | 146 | 131 | 141 | 123 | - 12.2 |
| Steel castings: | | | | | | | | | | | | | | |
| Total bookings.....short tons.. | 37,446 | 39,660 | 60,899 | 726,170 | 826,921 | + 13.9 | 1920 | 150 | 121 | 100 | 94 | 74 | 79 | + 5.9 |
| Railroad specialties.....short tons.. | 9,840 | 12,916 | 22,131 | 370,903 | 364,818 | - 1.6 | 1920 | 144 | 93 | 77 | 91 | 41 | 54 | + 31.3 |
| Miscellaneous bookings.....short tons.. | 27,606 | 26,744 | 38,768 | 355,267 | 462,103 | + 30.1 | 1920 | 155 | 145 | 120 | 97 | 103 | 100 | - 3.1 |
| Unfilled orders, U. S. Steel Corp., end of month.....thous. of long tons.. | 4,672 | 4,369 | 6,840 | | | | 1913 | 117 | 116 | 92 | 85 | 79 | 74 | - 6.5 |
| Sheets, blue, black, and galvanized: | | | | | | | | | | | | | | |
| Production (actual).....short tons.. | 225,714 | 188,144 | 242,562 | 2,085,131 | 2,519,617 | + 20.8 | 1920 | 142 | 141 | 137 | 108 | 132 | 110 | - 16.6 |
| Production.....per ct. of capacity.. | 76.6 | 67.0 | 91.3 | | | | 1920 | 126 | 126 | 110 | 98 | 105 | 92 | - 12.5 |
| Shipments.....short tons.. | 230,820 | 199,836 | 230,320 | 1,973,964 | 2,581,274 | + 30.8 | 1920 | 130 | 134 | 136 | 120 | 134 | 116 | - 13.4 |
| Sales.....short tons.. | 185,110 | 165,491 | 172,774 | 2,046,808 | 2,213,551 | + 8.1 | 1920 | 148 | 123 | 83 | 159 | 131 | 117 | - 10.6 |
| Unfilled orders.....short tons.. | 307,540 | 280,013 | 321,487 | | | | 1920 | 55 | 47 | 46 | 50 | 45 | 41 | - 9.0 |
| Stocks— | | | | | | | | | | | | | | |
| Total.....short tons.. | 106,884 | 112,185 | 131,782 | | | | 1920 | 115 | 118 | 120 | 102 | 95 | 100 | + 5.0 |
| Unsold.....short tons.. | 71,902 | 45,561 | 30,084 | | | | 1920 | 370 | 538 | 577 | 536 | 1,286 | 815 | - 36.6 |
| Wholesale prices: | | | | | | | | | | | | | | |
| Steel billets, Bessemer.....dolls. per long ton.. | 40.00 | 40.00 | 37.75 | | | | 1913 | 155 | 146 | 165 | 162 | 155 | 155 | - 0.0 |
| Iron and steel.....dolls. per long ton.. | 43.84 | 42.81 | 42.08 | | | | 1913 | 166 | 160 | 170 | 170 | 167 | 163 | - 2.3 |
| Composite steel.....dolls. per 100 lbs.. | 3.02 | 3.02 | 2.57 | | | | 1913 | 149 | 149 | 176 | 176 | 156 | 176 | - 0.0 |
| Composite finished steel.....dolls. per 100 lbs.. | 2.78 | 2.78 | 2.42 | | | | 1913 | 148 | 146 | 167 | 167 | 167 | 167 | - 0.0 |
| Structural steel beams.....dolls. per 100 lbs.. | 2.50 | 2.50 | 2.10 | | | | 1913 | 141 | 136 | 166 | 166 | 166 | 166 | - 0.0 |

* Relative to 11 months' average, February to December, inclusive.

* Twelve months' average, June, 1919, to May, 1920.

TREND OF BUSINESS MOVEMENTS—Continued.

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|-----------------------------------------------------------------------|----------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------|-------------------------------|----------------|------|------|-------|------|-------|------------------------------------------------------------------------------------------|
| | October, 1923. | Novem- ber, 1923. | Corro- sponding month, October or No- vember, 1922. | CUMULATIVE TOTAL THROUGH LATEST MONTH. | | | | 1922 | | 1923 | | | | |
| | | | | 1922 | 1923 | | | Oct. | Nov. | Aug. | Sept. | Oct. | Nov. | |
| METALS—Continued. | | | | | | | | | | | | | | |
| Iron and Steel Products. | | | | | | | | | | | | | | |
| Locomotives: | | | | | | | | | | | | | | |
| Shipments— | | | | | | | | | | | | | | |
| Total.....number.. | 310 | 299 | 159 | 1,064 | 2,860 | +168.8 | 1913 | 47 | 52 | 89 | 109 | 101 | 98 | - 3.5 |
| Domestic.....number.. | 295 | 270 | 144 | 862 | 2,680 | +210.9 | 1920 | 121 | 131 | 235 | 285 | 285 | 245 | - 8.5 |
| Foreign.....number.. | 15 | 49 | 15 | 202 | 180 | - 10.9 | 1920 | 13 | 17 | 15 | 25 | 17 | 33 | +226.7 |
| Unfilled orders— | | | | | | | | | | | | | | |
| Total.....number.. | 977 | 691 | 1,619 | | | | 1920 | 116 | 122 | 113 | 89 | 74 | 52 | - 29.3 |
| Domestic.....number.. | 915 | 656 | 1,501 | | | | 1920 | 159 | 108 | 157 | 123 | 102 | 73 | - 28.3 |
| Foreign.....number.. | 62 | 35 | 118 | | | | 1920 | 28 | 28 | 21 | 18 | 14 | 8 | - 43.5 |
| Freight cars: Orders, domestic.....number.. | 1,125 | 5,030 | 18,500 | 157,210 | 88,777 | - 43.5 | 1920 | 121 | 176 | 26 | 9 | 11 | 48 | +348.9 |
| Foundry equipment: | | | | | | | | | | | | | | |
| Sales.....dollars.. | 367,006 | 267,424 | 261,636 | 2,925,993 | 4,335,611 | + 48.2 | 1922 | 130 | 98 | 130 | 92 | 137 | 100 | - 27.1 |
| Shipments.....dollars.. | 352,384 | 265,211 | 249,577 | 2,701,052 | 4,205,554 | + 55.7 | 1922 | 132 | 102 | 160 | 134 | 144 | 108 | - 24.7 |
| Unfilled orders.....dollars.. | 454,374 | 437,296 | 346,002 | | | | 1922 | 88 | 94 | 163 | 117 | 123 | 118 | - 3.8 |
| Vessel construction: * | | | | | | | | | | | | | | |
| Completed during month— | | | | | | | | | | | | | | |
| Total.....gross tons.. | 18,350 | 6,576 | 27,720 | 295,656 | 250,322 | - 15.3 | 1916 | 73 | 60 | 55 | 45 | 40 | 14 | - 64.2 |
| Steel searoling.....gross tons.. | 8,773 | 923 | 3,669 | 155,079 | 98,245 | - 36.6 | 1916 | 95 | 14 | 32 | 32 | 32 | 3 | - 89.5 |
| Building or under contract, end of mo.— | | | | | | | | | | | | | | |
| Merchant vessels.....thous. of gross tons.. | 164 | 162 | 257 | | | | 1916 | 21 | 21 | 11 | 13 | 13 | 43 | - 1.2 |
| Steel barrels and drums: | | | | | | | | | | | | | | |
| Shipments.....barrels.. | 177,073 | 154,562 | 194,069 | 2,107,316 | 2,219,380 | + 5.3 | 1921 | 169 | 173 | 194 | 147 | 158 | 96 | - 12.7 |
| Production.....per ct. of capacity.. | 33.7 | 30.6 | 37.1 | | | | 1921 | 206 | 213 | 236 | 172 | 194 | 176 | - 9.2 |
| Unfilled orders.....barrels.. | 405,653 | 385,436 | 385,881 | | | | 1921 | 122 | 105 | 156 | 143 | 173 | 164 | - 5.0 |
| New orders.....barrels.. | 172,753 | 108,374 | 169,480 | 1,954,312 | 1,742,559 | - 10.8 | 1920 | 82 | 105 | 90 | 76 | 108 | 68 | - 37.3 |
| Structural steel, fabricated: | | | | | | | | | | | | | | |
| Sales (prorated).....short tons.. | 120,000 | 135,000 | 122,500 | 1,773,100 | 1,737,500 | - 2.0 | 1913 | 152 | 128 | 154 | 139 | 126 | 141 | + 12.5 |
| Sales.....per ct. of capacity.. | 48 | 54 | 49 | | | | 1913 | 115 | 98 | 116 | 104 | 96 | 108 | + 12.5 |
| Shipments.....per ct. of capacity.. | 78 | 65 | | | | | | | | | | | | |
| Steel furniture, shipments.....thous. of dolls.. | 1,366 | 1,339 | 1,204 | 11,552 | 15,378 | + 33.1 | 1919 | 135 | 133 | 148 | 140 | 150 | 148 | - 16.7 |
| Machinery. | | | | | | | | | | | | | | |
| Stokers: | | | | | | | | | | | | | | |
| Sales.....number.. | 88 | 50 | 10 96 | 1,355 | 1,391 | + 2.7 | 1919 | 68 | 141 | 58 | 42 | 38 | 21 | - 43.2 |
| Sales.....horsepower.. | 32,576 | 16,241 | 35,808 | 593,213 | 697,929 | + 17.7 | 1919 | 120 | 168 | 136 | 115 | 62 | 31 | - 50.1 |
| Agricultural pump shipments: | | | | | | | | | | | | | | |
| Total.....thous. of dolls.. | 597 | 546 | 532 | 5,528 | 6,632 | + 20.0 | 1919 | 101 | 87 | 102 | 86 | 98 | 89 | - 8.5 |
| Pitcher, hand, etc.....number.. | 41,537 | 40,250 | 48,350 | 518,485 | 559,492 | + 7.9 | | | | | | | | |
| Power pumps.....number.. | 3,933 | 3,040 | 2,950 | 31,542 | 37,631 | + 19.3 | | | | | | | | |
| Steam, power, and centrifugal pumps: | | | | | | | | | | | | | | |
| New orders.....thous. of dolls.. | 1,146 | 1,061 | 1,387 | 12,363 | 16,594 | + 34.2 | 1919 | 75 | 84 | 76 | 62 | 69 | 64 | - 7.4 |
| Shipments.....thous. of dolls.. | 1,750 | 1,406 | 1,114 | 11,009 | 17,016 | + 54.6 | 1919 | 81 | 86 | 144 | 123 | 136 | 109 | - 19.7 |
| Unfilled orders.....thous. of dolls.. | 3,864 | 3,526 | 4,339 | | | | 1919 | 69 | 73 | 91 | 79 | 65 | 59 | - 8.7 |
| Patents issued: | | | | | | | | | | | | | | |
| Total, all classes.....number.. | 3,572 | 3,147 | 3,030 | 35,440 | 35,563 | + 0.3 | 1913 | 136 | 107 | 102 | 90 | 126 | 111 | - 11.9 |
| Agricultural implements.....number.. | 48 | 48 | 35 | 550 | 546 | - 0.7 | 1913 | 54 | 44 | 56 | 39 | 61 | 61 | 0.0 |
| Internal-combustion engines.....number.. | 67 | 62 | 30 | 548 | 662 | + 20.8 | 1913 | 151 | 70 | 160 | 142 | 156 | 144 | - 7.5 |
| Copper and Brass. | | | | | | | | | | | | | | |
| Copper: | | | | | | | | | | | | | | |
| Production.....thous. of lbs.. | 132,481 | 127,411 | 101,607 | 883,030 | 1,347,914 | + 52.6 | 1913 | 101 | 100 | 127 | 123 | 132 | 125 | - 3.8 |
| Exports.....thous. of lbs.. | 75,086 | 72,201 | 55,788 | 677,833 | 723,365 | + 6.7 | 1913 | 74 | 79 | 98 | 98 | 107 | 102 | - 3.8 |
| Wholesale price, electrolytic.....dolls. per lb.. | .126 | .128 | .136 | | | | 1913 | 87 | 87 | 88 | 85 | 80 | 81 | + 1.6 |
| Brass faucets: | | | | | | | | | | | | | | |
| Orders received.....number of pieces.. | 408,765 | 502,860 | 338,236 | | | | | | | | | | | |
| Orders shipped.....number of pieces.. | 490,690 | 394,798 | 267,955 | | | | | | | | | | | |
| Tubular plumbing sales: | | | | | | | | | | | | | | |
| Quality.....number of pieces.. | 173,481 | 261,190 | 247,439 | | | | | | | | | | | + 50.6 |
| Value.....dollars.. | 147,420 | 214,261 | 244,602 | | | | | | | | | | | + 45.6 |
| Zinc. | | | | | | | | | | | | | | |
| Production.....thous. of lbs.. | 84,196 | 88,560 | 80,400 | 661,674 | 969,434 | + 46.5 | 1913 | 138 | 139 | 144 | 135 | 146 | ..... | + 5.2 |
| Stocks, end of month.....thous. of lbs.. | 51,574 | 61,808 | 38,994 | | | | 1913 | 44 | 48 | 65 | 56 | 63 | ..... | + 19.8 |
| Receipts, St. Louis.....thous. of lbs.. | 15,711 | 13,664 | 18,044 | 201,079 | 228,170 | + 13.5 | 1913 | 71 | 65 | 77 | 46 | 57 | 49 | - 13.0 |
| Shipments, St. Louis.....thous. of lbs.. | 14,730 | 12,325 | 17,331 | 237,458 | 195,628 | - 17.6 | 1913 | 76 | 61 | 76 | 38 | 52 | 43 | - 16.3 |
| Price, slab, prime western.....dolls. per lb.. | .067 | .067 | .075 | | | | 1913 | 124 | 129 | 114 | 117 | 114 | 114 | 0.0 |
| Tin. | | | | | | | | | | | | | | |
| Stocks, end of month: | | | | | | | | | | | | | | |
| United States.....long tons.. | 3,677 | 1,072 | 2,690 | | | | 1913 | 155 | 146 | 156 | 128 | 199 | 58 | - 70.8 |
| World visible supply.....long tons.. | 20,567 | 19,520 | 25,961 | | | | 1913 | 185 | 204 | 152 | 160 | 166 | 158 | - 5.1 |
| Deliveries (consumption).....long tons.. | 5,540 | 6,785 | 4,812 | 52,590 | 65,344 | + 24.3 | 1913 | 153 | 132 | 151 | 124 | 151 | 185 | + 22.5 |
| Imports.....thous. of lbs.. | 13,053 | 11,336 | 8,944 | 118,060 | 142,121 | + 20.4 | 1913 | 158 | 94 | 133 | 98 | 37 | 119 | - 13.2 |
| Wholesale price, pig tin.....dolls. per lb.. | .417 | .444 | .369 | | | | 1913 | 77 | 82 | 88 | 93 | 93 | 99 | + 6.5 |
| Lead. | | | | | | | | | | | | | | |
| Production.....index number | | | | | | | 1921 | 140 | 147 | 151 | 144 | 144 | 138 | - 4.2 |
| Receipts, St. Louis.....thous. of lbs.. | 5,928 | 7,745 | 13,254 | 189,051 | 115,879 | - 38.7 | 1913 | 340 | 242 | 197 | 121 | 108 | 141 | + 30.7 |
| Shipments, St. Louis.....thous. of lbs.. | 8,815 | 10,729 | 9,615 | 105,142 | 78,271 | - 25.6 | 1913 | 165 | 110 | 90 | 87 | 101 | 123 | + 21.7 |
| Wholesale price, pig, desilverized.....dolls. per lb.. | .069 | .069 | .072 | | | | 1913 | 152 | 165 | 153 | 161 | 156 | 156 | 0.0 |

* Overtime was reported sufficient to offset all idle hours and leave an excess.

* Revised.

* Six months' average, July to December, inclusive.

* Figures are incomplete, owing to failure of two or three companies to report.

TREND OF BUSINESS MOVEMENTS—Continued.

| NOTE.—Items marked with an asterisk (*) have not been published previously in the SURVEY or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the SURVEY (No. 27). In many cases December figures are now available and may be found in the special table on page 23. | NUMERICAL DATA. | | | | | Per cent increase (+) or decrease (—) cumulative 1923 from 1922. | BASE YEAR OR PERIOD. | INDEX NUMBERS. | | | | | | Per cent increase (+) or decrease (—) Nov. from Oct. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-------------------------------------------------|----------------------------------------|------------|------------------------------------------------------------------|----------------------|----------------|------|------|-------|------|------|------------------------------------------------------|
| | October, 1923. | November, 1923. | Corresponding month, October or November, 1922. | CUMULATIVE TOTAL THROUGH LATEST MONTH. | | | | 1922 | | 1923 | | | | |
| | | | | 1922 | 1923 | | | Oct. | Nov. | Aug. | Sept. | Oct. | Nov. | |
| FUEL AND POWER. | | | | | | | | | | | | | | |
| Coal and Coke. | | | | | | | | | | | | | | |
| Bituminous: | | | | | | | | | | | | | | |
| Production.....thous. of short tons.. | 49,171 | 42,900 | 45,262 | 358,064 | 505,610 | + 41.2 | 1913 | 113 | 114 | 123 | 116 | 123 | 108 | - 12.8 |
| Exports.....thous. of long tons.. | 1,489 | 1,253 | 1,618 | 9,555 | 18,077 | + 89.2 | 1909-13 | 157 | 147 | 193 | 161 | 136 | 114 | - 15.8 |
| Prices: | | | | | | | | | | | | | | |
| Mine average, spot, dolls. per short ton.. | 2.25 | 2.55 | 4.11 | | | | 1913 | 356 | 334 | 195 | 195 | 183 | 207 | + 13.3 |
| Wholesale, Kanawha, f. o. b. | | | | | | | | | | | | | | |
| Cincinnati.....dolls. per short ton.. | 3.89 | 3.89 | 6.39 | | | | 1913 | 291 | 291 | 177 | 177 | 177 | 177 | - 0.0 |
| Retail, Chicago.....dolls. per short ton.. | 8.77 | 8.75 | 10.83 | | | | 1913 | 227 | 225 | 183 | 181 | 182 | 182 | - 0.2 |
| Anthracite: | | | | | | | | | | | | | | |
| Production.....thous. of short tons.. | 8,724 | 7,746 | 8,535 | 44,291 | 87,262 | + 97.0 | 1913 | 112 | 112 | 116 | 38 | 114 | 102 | - 11.2 |
| Stocks, distrib. points.....thous. of long tons.. | 1,065 | 1,244 | 236 | | | | 1921 | 6 | 9 | 35 | 28 | 40 | 47 | + 16.8 |
| Exports.....thous. of long tons.. | 401 | 369 | 440 | 1,984 | 4,216 | +112.5 | 1909-13 | 141 | 152 | 153 | 61 | 139 | 128 | - 8.0 |
| Prices— | | | | | | | | | | | | | | |
| Wholesale, chestnut, N. Y.....dolls. per long ton.. | 11.47 | 11.48 | 10.52 | | | | 1913 | 198 | 198 | 200 | 210 | 216 | 216 | + 0.1 |
| Retail, chestnut, N. Y.....dolls. per short ton.. | 14.58 | 14.58 | 13.83 | | | | 1913 | 198 | 198 | 201 | 208 | 209 | 209 | 0.0 |
| Coke: | | | | | | | | | | | | | | |
| Production, beehive.....thous. of short tons.. | 1,290 | 1,103 | 1,138 | 6,806 | 16,911 | +148.5 | 1913 | 31 | 41 | 53 | 49 | 46 | 39 | - 14.5 |
| Production, by-product.....thous. of short tons.. | 3,099 | 2,942 | 2,925 | 25,434 | 34,513 | + 35.7 | 1913 | 265 | 276 | 306 | 294 | 293 | 278 | - 5.1 |
| Exports.....thous. of long tons.. | 78 | 49 | 38 | 332 | 1,057 | +218.4 | 1909-13 | 53 | 52 | 136 | 130 | 107 | 67 | - 37.2 |
| Price, furnace, Connellsville.....dolls. per short ton.. | 3.85 | 3.81 | 7.19 | | | | 1913 | 402 | 295 | 187 | 177 | 158 | 156 | - 1.0 |
| Petroleum. | | | | | | | | | | | | | | |
| Crude petroleum: | | | | | | | | | | | | | | |
| Production.....thous. of bbls.. | * 65,977 | 64,526 | 47,531 | 501,060 | 663,636 | + 32.4 | 1913 | 231 | 230 | 318 | 311 | 319 | 312 | - 1.2 |
| Stocks, end of month: | | | | | | | | | | | | | | |
| Total (comparable).....thous. of bbls.. | * 319,030 | 326,894 | 265,017 | | | | 1913 | 253 | 252 | 289 | 297 | 304 | 311 | + 2.5 |
| Days' supply.....number.. | 154 | 159 | 147 | | | | 1919 | 133 | 127 | 128 | 131 | 134 | 137 | + 3.2 |
| Tank farms and pipe lines.....thous. of bbls.. | 315,356 | 323,366 | | | | | | | | | | | | |
| Refineries.....thous. of bbls.. | 33,669 | 50,364 | 32,765 | | | | 1919 | 219 | 219 | 229 | 219 | 225 | 337 | + 49.6 |
| Imports.....thous. of bbls.. | * 6,898 | 6,035 | 7,364 | 116,627 | 68,120 | - 41.6 | 1913 | 499 | 496 | 311 | 406 | 465 | 410 | - 11.8 |
| Consumption.....thous. of bbls.. | * 63,412 | 61,204 | 54,072 | 529,178 | 642,027 | + 21.3 | 1913 | 244 | 248 | 286 | 277 | 291 | 281 | - 3.5 |
| Shipments from Mexico.....thous. of bbls.. | 11,529 | 11,974 | 12,085 | 175,094 | 132,202 | - 24.5 | 1913 | 648 | 560 | 603 | 523 | 534 | 555 | + 3.9 |
| Price, Kansas-Oklahoma.....dolls. per bbl.. | 1.238 | 1.050 | 1.250 | | | | 1913 | 134 | 134 | 155 | 144 | 133 | 112 | - 15.2 |
| Oil wells completed.....number.. | 1,140 | 1,007 | 1,450 | 16,141 | 15,395 | - 4.6 | 1913 | 87 | 91 | 92 | 80 | 72 | 63 | - 11.7 |
| Gasoline: | | | | | | | | | | | | | | |
| Production.....thous. of gals.. | 659,061 | 617,558 | 567,101 | 5,617,185 | 6,896,877 | + 22.8 | 1919 | 172 | 172 | 197 | 189 | 200 | 187 | - 6.3 |
| Exports.....thous. of gals.. | 82,504 | 53,656 | 41,672 | 532,322 | 767,048 | + 44.1 | 1919 | 139 | 136 | 250 | 236 | 269 | 175 | - 35.0 |
| Domestic consumption.....thous. of gals.. | 617,700 | 538,309 | 481,280 | 4,947,228 | 6,130,627 | + 23.9 | 1919 | 171 | 168 | 212 | 229 | 216 | 188 | - 12.9 |
| Stocks, end of month.....thous. of gals.. | 946,873 | 985,046 | 776,724 | | | | 1919 | 153 | 164 | 223 | 206 | 200 | 209 | + 4.0 |
| Kerosene oil: | | | | | | | | | | | | | | |
| Production.....thous. of gals.. | 191,346 | 220,811 | 234,436 | 2,080,086 | 2,114,012 | + 1.6 | 1919 | 110 | 120 | 95 | 99 | 98 | 113 | + 15.4 |
| Stocks.....thous. of gals.. | 224,954 | 232,114 | 257,879 | | | | 1919 | 85 | 86 | 81 | 79 | 75 | 80 | + 6.3 |
| Gas and fuel oil: | | | | | | | | | | | | | | |
| Production.....thous. of gals.. | 1,069,800 | 1,057,932 | 891,590 | 9,734,116 | 11,000,856 | + 13.0 | 1919 | 145 | 140 | 159 | 162 | 168 | 166 | - 1.1 |
| Stocks.....thous. of gals.. | 1,436,591 | 1,499,926 | 1,352,548 | | | | 1919 | 178 | 176 | 190 | 192 | 186 | 195 | + 4.4 |
| Lubricating oil: | | | | | | | | | | | | | | |
| Production.....thous. of gals.. | 88,003 | 96,120 | 89,271 | 888,967 | 999,621 | + 12.4 | 1919 | 124 | 127 | 124 | 124 | 125 | 136 | + 9.2 |
| Stocks.....thous. of gals.. | 218,485 | 231,335 | 226,430 | | | | 1919 | 135 | 140 | 136 | 133 | 135 | 143 | + 5.9 |
| AUTOMOBILES. | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | |
| Passenger cars.....number.. | 334,966 | 284,680 | * 215,352 | 2,131,758 | 3,361,090 | + 57.7 | 1919 | 157 | 156 | 228 | 216 | 243 | 206 | - 15.0 |
| Trucks.....number.. | 30,141 | 27,914 | * 21,949 | 225,927 | 348,230 | + 54.1 | 1919 | 82 | 83 | 117 | 109 | 114 | 106 | - 7.4 |
| Shipments: | | | | | | | | | | | | | | |
| By railroads.....carloads.. | 42,236 | 39,850 | 27,232 | 304,326 | 437,163 | + 43.6 | 1920 | 130 | 130 | 183 | 172 | 202 | 190 | - 5.6 |
| Driveaways.....number of machines.. | 37,947 | 29,100 | 27,376 | 277,258 | 517,039 | + 86.5 | 1920 | 90 | 70 | 117 | 101 | 97 | 74 | - 23.3 |
| By boat.....number of machines.. | 7,663 | 7,000 | 5,070 | 56,913 | 78,159 | + 37.3 | 1920 | 162 | 108 | 214 | 180 | 163 | 149 | - 8.7 |
| Internal revenue taxes collected on: | | | | | | | | | | | | | | |
| Passenger automobiles and motor cycles.....thous. of dolls.. | 8,359 | 9,543 | 5,559 | 64,744 | 96,704 | + 49.4 | 1920 | 166 | 80 | 74 | 132 | 120 | 137 | + 14.2 |
| Automobile trucks and wagons.....thous. of dolls.. | 1,003 | 789 | 915 | 8,820 | 10,106 | + 14.6 | 1920 | 71 | 72 | 56 | 67 | 79 | 62 | - 21.3 |
| Automobile accessories and parts.....thous. of dolls.. | 3,614 | 2,865 | 3,576 | 32,287 | 35,949 | + 11.3 | 1920 | 82 | 84 | 74 | 66 | 85 | 67 | - 20.7 |
| RUBBER. | | | | | | | | | | | | | | |
| Crude: | | | | | | | | | | | | | | |
| Imports.....thous. of lbs.. | 39,473 | 34,823 | 54,344 | 599,248 | 625,742 | + 4.4 | 1913 | 770 | 563 | 443 | 268 | 409 | 361 | - 11.8 |
| Consumption by tire mfrs.....thous. of lbs.. | 24,114 | 23,109 | 25,672 | 295,803 | 342,480 | + 14.6 | 1921 | 172 | 160 | 137 | 119 | 135 | 129 | - 4.2 |
| Wholesale price, Para, N. Y.....dolls. per lb.. | .215 | .204 | .219 | | | | 1913 | 24 | 27 | 29 | 30 | 27 | 23 | - 5.1 |
| Stocks, United Kingdom.....long tons.. | 65,168 | | 176,763 | | | | 1921 | 100 | 100 | 71 | 81 | 85 | | |
| Pneumatic tires: | | | | | | | | | | | | | | |
| Production.....thousands.. | 2,361 | 2,365 | 2,733 | 28,041 | 31,472 | + 12.2 | 1921 | 147 | 150 | 130 | 112 | 130 | 130 | + 0.2 |
| Stocks, end of month.....thousands.. | 4,876 | 4,709 | 4,965 | | | | 1921 | 111 | 118 | 144 | 128 | 116 | 112 | - 3.4 |
| Shipments, domestic.....thousands.. | 2,820 | 2,511 | 2,380 | 26,288 | 30,434 | + 15.8 | 1921 | 136 | 125 | 147 | 138 | 148 | 132 | - 11.0 |
| Inner tubes: | | | | | | | | | | | | | | |
| Production.....thousands.. | 3,855 | 3,331 | 3,851 | 34,726 | 41,678 | + 20.0 | 1921 | 168 | 171 | 158 | 144 | 171 | 147 | - 13.6 |
| Stocks, end of month.....thousands.. | 6,898 | 6,626 | 6,210 | | | | 1921 | 120 | 136 | 152 | 141 | 151 | 145 | - 3.9 |
| Shipments, domestic.....thousands.. | 3,596 | 3,306 | 3,075 | 32,830 | 39,941 | + 21.7 | 1921 | 149 | 134 | 188 | 161 | 157 | 144 | - 8.1 |
| Solid tires: | | | | | | | | | | | | | | |
| Production.....thousands.. | 37 | 29 | 86 | 709 | 653 | - 7.9 | 1921 | 242 | 243 | 136 | 105 | 105 | 81 | - 21.6 |
| Stocks, end of month.....thousands.. | 235 | 181 | 235 | | | | 1921 | 93 | 102 | 114 | 108 | 102 | 78 | - 23.0 |
| Shipments, domestic.....thousands.. | 48 | 48 | 61 | 624 | 626 | + 0.3 | 1921 | 162 | 140 | 104 | 105 | 109 | 110 | 0.0 |

* Revised.

† October.

TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Items marked with an asterisk (*) have not been published previously in the SURVEY or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the SURVEY (No. 27).

In many cases December figures are now available and may be found in the special table on page 23.

| NOTE.—Items marked with an asterisk (*) have not been published previously in the SURVEY or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the SURVEY (No. 27). | NUMERICAL DATA. | | | | | Per cent increase (+) or decrease (—) cumulative 1923 from 1922. | BASE YEAR OR PERIOD. | INDEX NUMBERS. | | | | | | Per cent increase (+) or decrease (—) Nov. from Oct. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|------------------------------------------------|----------------------------------------|-----------|------------------------------------------------------------------|----------------------|----------------|-------|-------|-------|-------|-------|------------------------------------------------------|
| | October, 1923. | November, 1923. | Corresponding month October or November, 1922. | CUMULATIVE TOTAL THROUGH LATEST MONTH. | | | | 1922 | | 1923 | | | | |
| | | | | 1922 | 1923 | | | Oct. | Nov. | Aug. | Sept. | Oct. | Nov. | |
| HIDES AND LEATHER. | | | | | | | | | | | | | | |
| Hides. | | | | | | | | | | | | | | |
| Imports: | | | | | | | | | | | | | | |
| Total hides and skins.....thous. of lbs.. | 28,596 | 26,869 | 63,650 | 491,305 | 501,154 | + 2.6 | 1909-13 | 161 | 149 | 87 | 61 | 67 | 63 | - 6.0 |
| Calfskins.....thous. of lbs.. | 4,202 | 3,035 | 6,764 | 49,018 | 45,782 | - 6.6 | 1909-13 | 145 | 99 | 51 | 44 | 62 | 45 | - 27.8 |
| Cattle hides.....thous. of lbs.. | 13,582 | 14,350 | 40,439 | 288,772 | 279,818 | - 3.1 | 1909-13 | 209 | 211 | 67 | 63 | 71 | 75 | + 5.7 |
| Goatskins.....thous. of lbs.. | 4,992 | 4,120 | 7,408 | 73,077 | 79,910 | + 9.4 | 1909-13 | 116 | 90 | 71 | 58 | 61 | 50 | - 17.5 |
| Sheepskins.....thous. of lbs.. | 4,391 | 3,740 | 6,268 | 55,819 | 72,176 | + 29.3 | 1909-13 | 125 | 119 | 104 | 87 | 83 | 71 | - 14.8 |
| Stocks, end of month: | | | | | | | | | | | | | | |
| Total hides and skins.....thous. of lbs.. | 325,402 | 314,832 | 378,588 | ..... | ..... | ..... | 1921 | 84 | 88 | 80 | 77 | 76 | 73 | - 3.0 |
| Cattle hides.....thous. of lbs.. | 262,915 | 251,138 | 294,970 | ..... | ..... | ..... | 1921 | 83 | 87 | 80 | 79 | 77 | 75 | - 3.3 |
| Calf and kip skins.....thous. of lbs.. | 40,241 | 41,103 | 60,096 | ..... | ..... | ..... | 1921 | 97 | 103 | 84 | 73 | 69 | 70 | + 2.1 |
| Sheep and lamb skins.....thous. of lbs.. | 22,217 | 19,591 | 23,522 | ..... | ..... | ..... | 1921 | 80 | 71 | 69 | 70 | 68 | 59 | - 11.9 |
| Prices: | | | | | | | | | | | | | | |
| Green salted, packer's heavy native steers.....dolls. per lb.. | .154 | .141 | .228 | ..... | ..... | ..... | 1913 | 123 | 124 | 80 | 77 | 84 | 77 | - 8.4 |
| Calfskins, country No. 1.....dolls. per lb.. | .156 | .148 | .189 | ..... | ..... | ..... | 1913 | 104 | 100 | 78 | 81 | 83 | 79 | - 5.1 |
| Leather. | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | |
| Sole leather.....thous. of bks., bends, sides.. | 1,511 | 1,360 | 1,482 | 16,261 | 17,442 | + 7.3 | 1919 | 83 | 79 | 91 | 75 | 81 | 73 | - 9.4 |
| Skivers.....doz.. | 40,601 | 43,039 | 33,797 | 262,705 | 424,971 | + 61.8 | 1919 | 211 | 145 | 168 | 165 | 174 | 184 | + 6.0 |
| Oak and union harness.....stuffed sides.. | 147,130 | 135,425 | 134,589 | 1,110,010 | 1,508,938 | + 34.8 | 1919 | 112 | 113 | 113 | 114 | 123 | 113 | - 8.0 |
| Finished sole and belting.....thous. of lbs.. | 26,404 | 23,518 | 25,644 | 269,037 | 306,474 | + 13.9 | 1921 | 102 | 100 | 120 | 98 | 103 | 92 | - 10.9 |
| Finished upper.....thous. of sq. ft.. | 77,910 | 71,651 | 81,774 | 797,607 | 864,520 | + 8.4 | 1921 | 141 | 141 | 134 | 123 | 134 | 124 | - 8.0 |
| Stocks, end of month: | | | | | | | | | | | | | | |
| Sole and belting.....thous. of lbs.. | 180,176 | 179,292 | 168,771 | ..... | ..... | ..... | 1921 | 88 | 87 | 91 | 91 | 93 | 93 | + 0.5 |
| Upper.....thous. of sq. ft.. | 378,948 | 350,133 | 402,569 | ..... | ..... | ..... | 1921 | 98 | 95 | 91 | 89 | 90 | 90 | + 0.3 |
| Stocks, in process of tanning: | | | | | | | | | | | | | | |
| Sole and belting.....thous. of lbs.. | 99,573 | 98,038 | 100,590 | ..... | ..... | ..... | 1921 | 90 | 90 | 98 | 96 | 90 | 88 | - 1.5 |
| Upper.....thous. of sq. ft.. | 155,972 | 151,979 | 162,545 | ..... | ..... | ..... | 1921 | 96 | 99 | 96 | 97 | 95 | 92 | - 2.6 |
| Exports: | | | | | | | | | | | | | | |
| Sole.....thous. of lbs.. | 1,085 | 2,292 | 635 | 14,449 | 16,362 | + 13.2 | 1913 | 33 | 24 | 44 | 45 | 42 | 88 | + 111.2 |
| Upper.....thous. of sq. ft.. | 5,657 | 5,529 | 7,628 | 74,540 | 68,123 | - 8.6 | 1913 | 74 | 86 | 59 | 69 | 64 | 63 | - 2.3 |
| Prices: | | | | | | | | | | | | | | |
| Sole, oak, scoured backs, heavy, Boston.....dolls. per lb.. | .465 | .455 | .525 | ..... | ..... | ..... | 1913 | 119 | 117 | 115 | 109 | 104 | 101 | - 2.2 |
| Chrome calf, "B" grades.....dolls. per sq. ft.. | .440 | .440 | .450 | ..... | ..... | ..... | 1913 | 173 | 167 | 163 | 163 | 163 | 163 | 0.0 |
| Leather Products. | | | | | | | | | | | | | | |
| Belting sales: | | | | | | | | | | | | | | |
| Quantity.....thous. of lbs.. | 447 | 347 | 468 | 4,715 | 5,049 | + 7.1 | 1919 | 70 | 66 | 66 | 59 | 63 | 49 | - 22.4 |
| Value.....thous. of dolls.. | 827 | 642 | 826 | 7,863 | 9,437 | + 20.0 | 1919 | 63 | 61 | 65 | 57 | 61 | 47 | - 22.4 |
| Boots and shoes: | | | | | | | | | | | | | | |
| Production.....thous. of pairs.. | 30,705 | 26,839 | 30,076 | 296,023 | 328,331 | + 10.9 | 1919 | 110 | 109 | 109 | 100 | 111 | 97 | - 12.6 |
| Exports.....thous. of pairs.. | 573 | 628 | 504 | 4,876 | 6,809 | + 39.6 | 1913 | 63 | 60 | 62 | 69 | 68 | 75 | + 9.5 |
| Wholesale prices— | | | | | | | | | | | | | | |
| Men's black calf, blucher.....dolls. per pair.. | 6.25 | 6.25 | 6.35 | ..... | ..... | ..... | 1913 | 204 | 204 | 209 | 202 | 201 | 201 | 0.0 |
| Men's dress welt, tan calf, St. Louis.....dolls. per pair.. | 4.85 | 4.85 | 4.85 | ..... | ..... | ..... | 1913 | 153 | 153 | 153 | 153 | 153 | 153 | 0.0 |
| Women's black kid, Goodyear welt, St. Louis.....dolls. per pair.. | 4.25 | 4.25 | 4.25 | ..... | ..... | ..... | 1913 | 141 | 142 | 142 | 142 | 142 | 142 | 0.0 |
| PAPER AND PRINTING. | | | | | | | | | | | | | | |
| Wood-pulp Imports. | | | | | | | | | | | | | | |
| Mechanical.....short tons.. | 26,285 | 30,666 | 27,475 | 185,132 | 264,056 | + 42.6 | 1909-13 | 157 | 167 | 153 | 155 | 160 | 186 | + 16.7 |
| Chemical.....short tons.. | 91,302 | 116,224 | 126,937 | 888,454 | 1,016,577 | + 14.4 | 1909-13 | 429 | 497 | 393 | 337 | 358 | 455 | + 27.9 |
| Newsprint Paper. | | | | | | | | | | | | | | |
| Production.....short tons.. | 122,073 | 119,720 | 127,983 | 1,328,284 | 1,371,010 | + 3.2 | 1919 | 114 | 112 | 116 | 96 | 107 | 105 | - 1.9 |
| Shipments.....short tons.. | 124,891 | 117,176 | 128,077 | 1,332,569 | 1,363,482 | + 2.3 | 1919 | 113 | 111 | 112 | 96 | 109 | 102 | - 6.2 |
| Imports.....short tons.. | 114,424 | 108,303 | 93,115 | 930,773 | 1,193,168 | + 28.2 | 1913 | 644 | 536 | 633 | 601 | 625 | 592 | - 5.3 |
| Exports.....short tons.. | 1,121 | 1,312 | 1,280 | 23,777 | 14,479 | - 39.1 | 1913 | 31 | 36 | 28 | 33 | 31 | 36 | + 16.7 |
| Stocks, end of month, at mills.....short tons.. | 21,934 | 21,040 | 19,651 | ..... | ..... | ..... | 1919 | 83 | 82 | 107 | 103 | 92 | 100 | + 9.6 |
| Printing. | | | | | | | | | | | | | | |
| Activity, weighted.....index number.. | ..... | ..... | ..... | ..... | ..... | ..... | Sept. '20 | 94 | 94 | 84 | 81 | 97 | ..... | ..... |
| Book publication: | | | | | | | | | | | | | | |
| American manufacture.....number.. | 775 | 714 | 732 | 6,334 | 6,931 | + 9.4 | 1913 | 91 | 90 | 60 | 90 | 95 | 88 | - 7.9 |
| Imported.....number.. | 139 | 119 | 123 | 1,235 | 1,164 | - 5.7 | 1913 | 60 | 60 | 40 | 81 | 67 | 58 | - 14.4 |
| Paper Boxes. | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | |
| Total.....thous. of sq. ft.. | 310,795 | 286,200 | 302,958 | 2,436,375 | 3,236,408 | + 32.8 | 1922 | 143 | 134 | 126 | 113 | 138 | 126 | - 7.9 |
| Corrugated.....thous. of sq. ft.. | 228,085 | 208,120 | 213,177 | 1,599,572 | 2,335,620 | + 46.0 | 1922 | 150 | 143 | 153 | 142 | 153 | 139 | - 8.7 |
| Solid fiber.....thous. of sq. ft.. | 82,710 | 78,071 | 89,781 | 836,803 | 900,888 | + 7.7 | 1922 | 130 | 116 | 107 | 86 | 107 | 101 | - 5.6 |
| Operating activity: | | | | | | | | | | | | | | |
| Total.....per cent of normal.. | 81 | 77 | 81 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | - 4.9 |
| Corrugated.....per cent of normal.. | 79 | 74 | 80 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | - 6.3 |
| Solid fiber.....per cent of normal.. | 83 | 86 | 84 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | - 2.3 |
| Price index numbers: | | | | | | | | | | | | | | |
| Finished board— | | | | | | | | | | | | | | |
| Corrugated.....index number.. | ..... | ..... | ..... | ..... | ..... | ..... | 1922 | 117 | 117 | 105 | 105 | 104 | 103 | - 1.0 |
| Solid fiber.....index number.. | ..... | ..... | ..... | ..... | ..... | ..... | 1922 | 121 | 122 | 109 | 107 | 109 | 103 | - 5.5 |
| Raw materials— | | | | | | | | | | | | | | |
| 85 test liners.....index number.. | ..... | ..... | ..... | ..... | ..... | ..... | 1922 | 124 | 124 | 114 | 112 | 108 | 106 | - 1.9 |
| Chlp.....index number.. | ..... | ..... | ..... | ..... | ..... | ..... | 1922 | 145 | 134 | 121 | 115 | 115 | 110 | - 4.3 |
| Straw.....index number.. | ..... | ..... | ..... | ..... | ..... | ..... | 1922 | 133 | 133 | 105 | 105 | 105 | 105 | 0.0 |

* Average.

* Revised.

" See table on page 47 showing complete data for 408 publishers.

TREND OF BUSINESS MOVEMENTS--Continued.

| NOTE.—Items marked with an asterisk (*) have not been published previously in the SURVEY or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the SURVEY (No. 27). In many cases December figures are now available and may be found in the special table on page 23. | NUMERICAL DATA. | | | | | Per cent increase (+) or decrease (—) cumulative 1923 from 1922. | INDEX NUMBERS. | | | | | | Per cent increase (+) or decrease (—) Nov. from Oct. | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-------------------------------------------------|----------------------------------------|-----------|------------------------------------------------------------------|----------------------|------|------|------|-------|------|------------------------------------------------------|--------|
| | October, 1923. | November, 1923. | Corresponding month, October or November, 1922. | CUMULATIVE TOTAL THROUGH LATEST MONTH. | | | BASE YEAR OR PERIOD. | 1922 | | | 1923 | | | |
| | | | | 1922 | 1923 | | | Oct. | Nov. | Aug. | Sept. | Oct. | | Nov. |
| PAPER AND PRINTING—Continued. | | | | | | | | | | | | | | |
| Other Paper Products. | | | | | | | | | | | | | | |
| Folding boxes, orders.....per cent of capacity.. | 68.0 | | ↑ 63.6 | | | | 1921 | 133 | 116 | 146 | 99 | 125 | | |
| Labels, orders.....per cent of capacity.. | 93.4 | | ↑ 89.0 | | | | 1921 | 201 | 156 | 107 | 131 | 179 | | |
| Rope paper sacks, shipments.....index number.. | | | | | | | 1921-22 | 123 | 126 | 116 | 123 | 129 | 118 | 8.6 |
| Abrasive paper and cloth: | | | | | | | | | | | | | | |
| Domestic sales.....reams..... | 81,018 | 77,634 | 76,257 | 801,607 | 982,635 | + 22.3 | 1919 | 120 | 112 | 118 | 110 | 119 | 114 | 4.2 |
| Foreign sales.....reams..... | 11,371 | 10,521 | 10,007 | 93,260 | 122,110 | + 30.9 | 1919 | 104 | 175 | 137 | 134 | 124 | 115 | 7.6 |
| BUTTONS. | | | | | | | | | | | | | | |
| Fresh-water pearl buttons: | | | | | | | | | | | | | | |
| Production.....per ct. of capacity.. | 45.8 | 45.8 | 50.1 | | | | 1922 | 102 | 111 | 81 | 87 | 99 | 99 | 0.0 |
| Stocks, end of month.....thous. of gross.. | 14,207 | 14,420 | 13,039 | | | | 1922 | 103 | 104 | 110 | 111 | 113 | 115 | 1.5 |
| GLASS AND OPTICAL GOODS. | | | | | | | | | | | | | | |
| Bottles, production.....index number..... | | | | | | | | | | | | | | |
| Illuminating glassware: | | | | | | | 1919 | 73 | 77 | 81 | 85 | 86 | | |
| Net orders.....per ct. of capacity.. | 51.3 | 52.9 | 61.9 | | | | 1921 | 160 | 169 | 101 | 112 | 144 | 144 | + 2.9 |
| Actual production.....per ct. of capacity.. | 56.7 | 57.4 | 57.8 | | | | 1921 | 150 | 160 | 101 | 127 | 157 | 159 | + 1.3 |
| Shipments billed.....per ct. of capacity.. | 52.1 | 58.6 | 54.6 | | | | 1921 | 139 | 153 | 102 | 125 | 146 | 164 | + 12.3 |
| Spectacle frames and mountings: | | | | | | | | | | | | | | |
| Sales (shipments).....index number..... | | | | | | | 1913 | 342 | 378 | 392 | 373 | 478 | 413 | + 13.6 |
| Unfilled orders (value).....index number..... | | | | | | | 1919 | 68 | 73 | 85 | 87 | 95 | 80 | + 9.5 |
| BUILDING CONSTRUCTION. | | | | | | | | | | | | | | |
| Building Costs. | | | | | | | | | | | | | | |
| Building materials: | | | | | | | | | | | | | | |
| Frame house, 6-room *.....index number.. | | | | | | | 1913 | 196 | 196 | 215 | 208 | 203 | 203 | 0.0 |
| Brick house, 6-room *.....index number.. | | | | | | | 1913 | 199 | 201 | 216 | 210 | 207 | 206 | 0.5 |
| Building costs (Eng. News Rec.) *.....index number..... | | | | | | | | | | | | | | |
| Concrete factory costs (Aberthaw) *.....index number..... | | | | | | | 1914 | 192 | 192 | 206 | 206 | 204 | 202 | 1.0 |
| Plumbing fixtures, 6 articles.....index number.. | | | | | | | 1913 | | | 190 | 190 | 187 | 184 | 1.6 |
| Construction and Losses. | | | | | | | | | | | | | | |
| Building volume.....index number..... | | | | | | | | | | | | | | |
| Contracts awarded (27 States): | | | | | | | 1913 | 127 | 122 | 111 | 137 | 127 | 125 | 1.6 |
| Business buildings.....thous. of sq. ft.. | 7,582 | 6,906 | 6,427 | 89,524 | 85,300 | — 4.7 | 1919 | 74 | 70 | 68 | 75 | 82 | 75 | 8.9 |
| Industrial buildings.....thous. of sq. ft.. | 3,877 | 5,634 | 6,415 | 61,349 | 57,014 | — 6.1 | 1919 | 50 | 33 | 26 | 32 | 30 | 44 | + 45.3 |
| Residential buildings.....thous. of sq. ft.. | 35,008 | 33,114 | 28,759 | 285,446 | 323,756 | + 13.4 | 1919 | 128 | 143 | 120 | 112 | 174 | 164 | 5.4 |
| Educational buildings.....thous. of sq. ft.. | 3,907 | 3,529 | 2,180 | 52,263 | 40,968 | — 21.6 | 1919 | 175 | 114 | 172 | 123 | 204 | 184 | 9.7 |
| Other public and semipublic buildings *.....thous. of sq. ft.. | 3,791 | 2,773 | 3,144 | 44,913 | 35,776 | — 20.3 | 1919 | 154 | 140 | 124 | 134 | 169 | 123 | 26.9 |
| Grand total.....thous. of sq. ft.. | 54,258 | 51,972 | 46,946 | 543,341 | 543,784 | + 0.1 | 1919 | 100 | 101 | 85 | 83 | 116 | 111 | 4.2 |
| Contracts awarded, value (27 States): | | | | | | | 1919 | 95 | 89 | 80 | 115 | 91 | 88 | 2.9 |
| Business buildings.....thous. of dolls.. | 30,685 | 29,792 | 29,038 | 470,433 | 407,202 | — 13.4 | 1919 | 65 | 68 | 41 | 54 | 72 | 100 | + 39.1 |
| Industrial buildings.....thous. of dolls.. | 30,692 | 42,694 | 29,242 | 303,704 | 353,691 | + 15.7 | 1919 | 157 | 173 | 162 | 145 | 222 | 209 | 5.9 |
| Residential buildings.....thous. of dolls.. | 156,984 | 147,716 | 122,469 | 1,227,284 | 1,446,189 | + 17.8 | 1919 | 175 | 131 | 211 | 135 | 220 | 218 | 0.9 |
| Educational buildings.....thous. of dolls.. | 21,923 | 21,722 | 13,058 | 289,095 | 247,072 | — 14.5 | 1919 | 162 | 152 | 150 | 142 | 172 | 123 | 28.4 |
| Other public and semipublic buildings *.....thous. of dolls.. | 24,956 | 17,873 | 21,985 | 304,706 | 239,491 | — 21.4 | 1919 | 118 | 114 | 118 | 118 | 149 | 135 | 9.6 |
| Grand total.....thous. of dolls.. | 319,860 | 289,263 | 244,366 | 3,137,706 | 3,226,202 | + 2.8 | 1919 | 118 | 114 | 118 | 118 | 149 | 135 | 9.6 |
| Fire losses: | | | | | | | | | | | | | | |
| United States and Canada, thous. of dolls.. | 31,398 | 29,702 | 30,776 | 363,464 | 363,856 | + 0.1 | 1919 | 179 | 137 | 109 | 128 | 140 | 133 | 3.4 |
| Great Britain.....thous. of £ sterling.. | 715 | | ↑ 305 | 5,209 | 9,358 | + 79.7 | 1920 | 43 | 72 | 133 | 93 | 101 | | |
| Lumber. | | | | | | | | | | | | | | |
| Southern pine: | | | | | | | | | | | | | | |
| Production (computed).....M ft. o. m.. | 486,292 | 460,685 | 443,389 | 4,778,786 | 5,025,374 | + 5.2 | 1917 | 104 | 105 | 113 | 106 | 115 | 109 | 5.3 |
| Shipments (computed).....M ft. b. m.. | 489,729 | 427,285 | 458,362 | 4,717,654 | 5,124,122 | + 8.6 | 1917 | 84 | 105 | 103 | 98 | 111 | 97 | 12.8 |
| Orders (computed).....M ft. b. m.. | 468,769 | 432,512 | 456,377 | 4,935,328 | 4,937,756 | — 0.4 | 1917 | 86 | 102 | 97 | 107 | 105 | 97 | 7.7 |
| Stocks, end of mo./computed).....M ft. b. m.. | 1,089,368 | 1,115,880 | 1,274,418 | | | | 1917 | 93 | 93 | 78 | 79 | 79 | 81 | 2.4 |
| Exports.....M ft. b. m.. | 51,814 | 55,540 | 53,157 | 568,077 | 744,252 | + 30.9 | 1919 | 87 | 104 | 133 | 84 | 102 | 109 | + 7.2 |
| Price, "B" and better flooring.....dolls. per M ft. b. m.. | 44.17 | 42.27 | 49.27 | | | | 1913 | 216 | 214 | 195 | 190 | 192 | 184 | 4.3 |
| Douglas fir: | | | | | | | | | | | | | | |
| Production (computed).....M ft. b. m.. | 557,330 | 557,151 | 474,961 | 4,918,451 | 5,027,376 | + 14.4 | 1917 | 138 | 136 | 154 | 155 | 160 | 160 | 0.0 |
| Shipments (computed).....M ft. b. m.. | 521,518 | 498,553 | 356,333 | 4,507,360 | 5,705,996 | + 27.9 | 1917 | 114 | 110 | 154 | 165 | 161 | 154 | 4.4 |
| Exports, lumber.....M ft. b. m.. | 43,971 | 45,368 | 36,574 | 578,377 | 458,967 | — 20.6 | 1919 | 156 | 146 | 189 | 157 | 175 | 181 | + 3.2 |
| Exports, timber.....M ft. b. m.. | 30,783 | 59,410 | 10,084 | 161,820 | 328,409 | + 102.9 | 1922 | 85 | 70 | 319 | 308 | 214 | 413 | + 93.0 |
| Price, No. 1 common, dolls. per M ft. b. m.. | 18.50 | 18.50 | 19.50 | | | | 1913 | 212 | 212 | 201 | 190 | 201 | 201 | 0.0 |
| California redwood: | | | | | | | | | | | | | | |
| Production (computed).....M ft. b. m.. | 54,774 | 69,774 | 66,105 | 556,893 | 593,095 | + 7.6 | 1918 | 140 | 176 | 174 | 138 | 146 | 155 | + 27.4 |
| Shipments (computed).....M ft. b. m.. | 37,599 | 52,058 | 51,988 | 474,535 | 559,698 | + 17.9 | 1918 | 125 | 182 | 199 | 175 | 132 | 182 | + 38.5 |
| Orders received (computed).....M ft. b. m.. | 38,921 | 41,745 | 58,499 | 522,163 | 533,138 | + 2.1 | 1918 | 168 | 204 | 176 | 147 | 135 | 145 | + 7.3 |
| California white pine: | | | | | | | | | | | | | | |
| Production.....M ft. b. m.. | 144,424 | 95,254 | 84,497 | 751,148 | 1,167,598 | + 55.4 | 1918 | 233 | 161 | 328 | 259 | 275 | 181 | 31.0 |
| Shipments.....M ft. b. m.. | 71,821 | 60,851 | 55,828 | 493,942 | 687,365 | + 39.2 | 1918 | 155 | 184 | 246 | 195 | 225 | 191 | 15.3 |
| Stocks.....M ft. b. m.. | 664,668 | 628,591 | 489,042 | | | | 1918 | 187 | 184 | 221 | 223 | 247 | 237 | 4.0 |
| Michigan softwood: | | | | | | | | | | | | | | |
| Production.....M ft. b. m.. | 9,725 | 5,027 | 4,299 | 56,491 | 95,772 | + 10.7 | 1917 | 49 | 25 | 78 | 63 | 56 | 29 | 48.3 |
| Shipments.....M ft. b. m.. | 6,205 | 6,838 | 8,701 | 87,152 | 85,462 | — 1.9 | 1917 | 48 | 49 | 40 | 46 | 35 | 39 | + 10.2 |
| Stocks, end of month.....M ft. b. m.. | 49,506 | 46,247 | 50,085 | | | | 1917 | 51 | 47 | 42 | 45 | 47 | 44 | 7.1 |

* Revised.

* As of first of following month.

* Twelve months' average, July to June, inclusive.

* Twelve months' average, May to April, inclusive.

* Includes hospitals, public buildings, social, religious, and memorial buildings formerly shown separately in the Survey of Current Business.

1 October, 1922.

TREND OF BUSINESS MOVEMENTS—Continued.

| NOTE.—Items marked with an asterisk (*) have not been published previously in the SURVEY or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the SURVEY (No. 27). | NUMERICAL DATA. | | | | | Percent increase (+) or decrease (—) cumulative 1923 from 1922. | BASE YEAR OR PERIOD. | INDEX NUMBERS. | | | | | | Percent increase (+) or decrease (—) Nov. from Oct. | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|------------------------------------------------|----------------------------------------|------------|-----------------------------------------------------------------|----------------------|----------------|------|------|-----|------|------|-----------------------------------------------------|--------|-------|------|------|
| | October, 1923. | November, 1923. | Corresponding month October or November, 1922. | CUMULATIVE TOTAL THROUGH LATEST MONTH. | | | | 1922 | | 1923 | | Oct. | Nov. | | Aug. | Sept. | Oct. | Nov. |
| | | | | 1922 | 1923 | | | 1922 | 1923 | | | | | | | | | |
| BUILDING CONSTRUCTION—Contd. | | | | | | | | | | | | | | | | | | |
| Lumber—Continued. | | | | | | | | | | | | | | | | | | |
| Michigan hardwood: | | | | | | | | | | | | | | | | | | |
| Production.....M ft. b. m. | 14,865 | 13,691 | 12,322 | 143,856 | 166,885 | + 16.0 | 1917 | 45 | 44 | 53 | 48 | 54 | 49 | — | 7.9 | | | |
| Shipments.....M ft. b. m. | 15,391 | 15,614 | 13,525 | 131,273 | 162,138 | + 23.5 | 1917 | 46 | 42 | 47 | 53 | 49 | 50 | + | 1.4 | | | |
| Stocks, end of month.....M ft. b. m. | 92,554 | 84,046 | 109,786 | | | | 1917 | 51 | 49 | 43 | 43 | 41 | 38 | — | 9.2 | | | |
| Western pine: | | | | | | | | | | | | | | | | | | |
| Production (computed).....M ft. b. m. | * 165,285 | 147,929 | 149,253 | 1,378,214 | 1,660,278 | + 20.5 | 1917 | 158 | 134 | 180 | 145 | 151 | 130 | — | 13.9 | | | |
| Shipments (computed).....M ft. b. m. | * 141,918 | 119,201 | 106,071 | 1,433,644 | 1,436,753 | + 0.2 | 1917 | 102 | 96 | 119 | 105 | 129 | 104 | — | 19.2 | | | |
| Stocks, end of mo.(computed).....M ft. b. m. | * 1,058,585 | 1,058,289 | 993,484 | | | | 1920 | 104 | 113 | 114 | 117 | 120 | 120 | | 0.0 | | | |
| North Carolina pine: | | | | | | | | | | | | | | | | | | |
| Production (computed).....M ft. b. m. | 50,869 | 52,360 | 55,090 | 584,780 | 536,634 | — 8.2 | 1919 | 168 | 161 | 153 | 149 | 149 | 153 | + | 2.9 | | | |
| Shipments (computed).....M ft. b. m. | 50,295 | 53,200 | 59,500 | 583,740 | 538,055 | — 7.8 | 1919 | 204 | 185 | 137 | 136 | 156 | 165 | + | 5.8 | | | |
| Northern pine: | | | | | | | | | | | | | | | | | | |
| Lumber— | | | | | | | | | | | | | | | | | | |
| Production.....M ft. b. m. | 48,037 | 22,350 | 26,693 | 514,925 | 589,311 | + 14.4 | 1920 | 113 | 66 | 208 | 142 | 119 | 55 | — | 53.5 | | | |
| Shipments.....M ft. b. m. | 52,326 | 44,251 | 52,741 | 538,565 | 522,881 | — 2.9 | 1920 | 107 | 105 | 98 | 95 | 104 | 88 | — | 15.4 | | | |
| Lath— | | | | | | | | | | | | | | | | | | |
| Production.....M ft. b. m. | 12,131 | 5,163 | 7,503 | 146,555 | 152,554 | + 4.1 | 1920 | 135 | 78 | 210 | 151 | 127 | 54 | — | 57.4 | | | |
| Shipments.....M ft. b. m. | 15,257 | 7,156 | 10,085 | 127,042 | 141,764 | + 11.6 | 1920 | 160 | 159 | 237 | 209 | 240 | 113 | — | 53.1 | | | |
| Northern hemlock: | | | | | | | | | | | | | | | | | | |
| Production.....M ft. b. m. | 24,711 | 17,288 | 17,963 | 261,804 | 293,997 | + 12.3 | 1913 | 63 | 48 | 82 | 78 | 66 | 46 | — | 30.0 | | | |
| Shipments.....M ft. b. m. | 26,260 | 24,613 | 27,888 | 292,565 | 285,960 | — 2.3 | 1913 | 77 | 77 | 74 | 68 | 72 | 68 | — | 6.3 | | | |
| Northern hardwood: | | | | | | | | | | | | | | | | | | |
| Production.....M ft. b. m. | 27,900 | 25,372 | 22,879 | 287,732 | 416,449 | + 44.7 | 1913 | 74 | 81 | 111 | 96 | 99 | 90 | — | 9.1 | | | |
| Shipments.....M ft. b. m. | 44,469 | 42,738 | 41,653 | 373,723 | 420,142 | + 12.4 | 1913 | 143 | 164 | 160 | 149 | 175 | 168 | — | 3.9 | | | |
| Gum: * | | | | | | | | | | | | | | | | | | |
| Total stocks, end of mo.....M ft. b. m. | 143,714 | 157,260 | | | | | | | | | | | | | + 9.4 | | | |
| Unsold stocks, end of mo.....M ft. b. m. | 108,117 | 114,761 | | | | | | | | | | | | | + 6.1 | | | |
| Unfilled orders, end of mo.....M ft. b. m. | 50,799 | 60,053 | | | | | | | | | | | | | + 18.2 | | | |
| Oak: * | | | | | | | | | | | | | | | | | | |
| Total stocks, end of mo.....M ft. b. m. | 176,960 | 189,759 | | | | | | | | | | | | | + 7.2 | | | |
| Unsold stocks, end of mo.....M ft. b. m. | 140,534 | 153,300 | | | | | | | | | | | | | + 9.1 | | | |
| Unfilled orders, end of mo.....M ft. b. m. | 41,819 | 43,349 | | | | | | | | | | | | | + 3.7 | | | |
| All hardwoods: * | | | | | | | | | | | | | | | | | | |
| Total stocks, end of mo.....M ft. b. m. | 502,099 | 535,871 | | | | | | | | | | | | | + 6.7 | | | |
| Unsold stocks, end of mo.....M ft. b. m. | 389,958 | 413,461 | | | | | | | | | | | | | + 6.0 | | | |
| Unfilled orders, end of mo.....M ft. b. m. | 142,079 | 154,040 | | | | | | | | | | | | | + 8.4 | | | |
| Walnut lumber: | | | | | | | | | | | | | | | | | | |
| Production.....M ft. b. m. | 2,578 | 3,009 | 1,843 | 19,877 | 27,727 | + 39.5 | 1922 | 89 | 102 | 122 | 123 | 143 | 167 | + | 16.7 | | | |
| Shipments.....M ft. b. m. | 2,378 | 2,623 | 2,661 | 21,052 | 26,635 | + 26.5 | 1922 | 122 | 138 | 109 | 106 | 123 | 136 | + | 10.3 | | | |
| Stocks.....M ft. b. m. | 8,121 | 8,506 | 9,036 | | | | 1922 | 98 | 88 | 84 | 78 | 80 | 83 | + | 4.7 | | | |
| Walnut logs: | | | | | | | | | | | | | | | | | | |
| Purchases.....M ft. log measure.. | 2,298 | 2,618 | 1,583 | 15,671 | 26,340 | + 68.1 | 1922 | 102 | 108 | 159 | 125 | 157 | 179 | + | 13.9 | | | |
| Made into lumber and veneer.....M ft. log measure.. | 2,229 | 2,342 | 1,500 | 14,461 | 23,279 | + 61.1 | 1922 | 106 | 113 | 144 | 144 | 168 | 176 | + | 5.1 | | | |
| Stocks.....M ft. log measure.. | 3,441 | 3,895 | 1,528 | | | | 1922 | 76 | 73 | 160 | 161 | 165 | 187 | + | 13.2 | | | |
| All lumber: | | | | | | | | | | | | | | | | | | |
| Production, 10 species.....M ft. b. m. | * 2,710,563 | 2,484,503 | 2,359,837 | 25,292,379 | 27,877,772 | + 10.2 | 1913 | 112 | 107 | 127 | 118 | 123 | 112 | — | 9.1 | | | |
| Exports, planks, joists, etc.....M ft. b. m. | 127,844 | 145,920 | 115,243 | 1,427,085 | 1,577,474 | + 10.5 | 1909-13 | 62 | 65 | 88 | 72 | 72 | 82 | + | 14.1 | | | |
| Retail sales, Minneapolis.....M ft. b. m. | 15,463 | | † 18,403 | 121,292 | 112,484 | — 7.3 | 1919 | 98 | 80 | 71 | 73 | 82 | | | | | | |
| Composite lumber prices: | | | | | | | | | | | | | | | | | | |
| Hardwoods.....dolls. per M ft. b. m. | 43.83 | 43.52 | 45.29 | | | | 1921 | 102 | 108 | 108 | 106 | 105 | 104 | — | 0.7 | | | |
| Softwoods.....dolls. per M ft. b. m. | 31.71 | 31.38 | 34.27 | | | | 1920 | 68 | 69 | 63 | 63 | 64 | 63 | — | 1.0 | | | |
| Wooden Furniture. | | | | | | | | | | | | | | | | | | |
| Shipments.....dolls., average per firm.. | 46,575 | 39,961 | 40,474 | 323,173 | 422,956 | + 30.9 | 1920 | 94 | 101 | 101 | 98 | 116 | 99 | — | 14.2 | | | |
| Unfilled orders.....dolls., average per firm.. | 53,313 | 46,019 | 74,007 | | | | 1920 | 56 | 58 | 44 | 42 | 42 | 36 | — | 13.7 | | | |
| Flooring. | | | | | | | | | | | | | | | | | | |
| Oak flooring: | | | | | | | | | | | | | | | | | | |
| Production.....M ft. b. m. | 29,267 | 30,654 | 26,828 | 251,051 | 335,199 | + 33.5 | 1913 | 395 | 402 | 486 | 428 | 438 | 459 | + | 4.7 | | | |
| Shipments.....M ft. b. m. | 31,117 | 28,651 | 26,431 | 282,825 | 319,099 | + 21.4 | 1913 | 486 | 440 | 501 | 506 | 518 | 477 | — | 7.9 | | | |
| Orders booked.....M ft. b. m. | 30,551 | 30,158 | 29,269 | 260,723 | 307,907 | + 18.1 | 1913 | 393 | 480 | 450 | 582 | 501 | 494 | — | 1.3 | | | |
| Stocks, end of month.....M ft. b. m. | 38,646 | 41,467 | 19,132 | | | | 1913 | 211 | 213 | 451 | 448 | 429 | 461 | + | 7.3 | | | |
| Unfilled orders, end of month.....M ft. b. m. | 34,868 | 37,714 | 35,209 | | | | 1913 | 445 | 486 | 377 | 453 | 481 | 520 | + | 8.2 | | | |
| Maple flooring: | | | | | | | | | | | | | | | | | | |
| Production.....M ft. b. m. | 12,312 | 11,813 | 12,755 | 124,101 | 129,169 | + 4.1 | 1919 | 134 | 127 | 124 | 104 | 123 | 118 | — | 4.1 | | | |
| Shipments.....M ft. b. m. | 11,595 | 9,858 | 13,010 | 105,881 | 132,784 | + 25.4 | 1919 | 103 | 110 | 99 | 84 | 98 | 83 | — | 15.0 | | | |
| Orders booked.....M ft. b. m. | 9,394 | 9,022 | 11,281 | 131,881 | 122,633 | — 7.0 | 1919 | 83 | 80 | 51 | 61 | 66 | 64 | — | 4.0 | | | |
| Stocks, end of month.....M ft. b. m. | 19,861 | 22,159 | 23,908 | | | | 1919 | 158 | 155 | 127 | 128 | 129 | 143 | + | 11.6 | | | |
| Unfilled orders, end of month.....M ft. b. m. | 14,797 | 15,129 | 20,580 | | | | 1919 | 57 | 54 | 49 | 46 | 39 | 40 | + | 2.2 | | | |
| Brick. | | | | | | | | | | | | | | | | | | |
| Clay fire brick (computed): | | | | | | | | | | | | | | | | | | |
| Production.....thousands.. | 61,265 | 54,502 | 56,546 | 504,512 | 676,985 | + 34.2 | 1919 | 110 | 111 | 123 | 110 | 120 | 107 | — | 11.0 | | | |
| Shipments.....thousands.. | 56,468 | 48,918 | 54,423 | 489,729 | 646,449 | + 32.0 | 1919 | 117 | 107 | 117 | 100 | 111 | 97 | — | 13.4 | | | |
| Stocks, end of month.....thousands.. | 178,841 | 184,525 | 155,876 | | | | 1919 | 110 | 112 | 122 | 125 | 129 | 133 | + | 3.2 | | | |
| New orders.....thousands.. | 47,974 | 44,671 | 54,187 | 538,017 | 636,718 | + 18.3 | 1919 | 99 | 105 | 98 | 94 | 93 | 87 | — | 6.9 | | | |
| Unfilled orders.....thousands.. | 64,332 | 60,400 | 71,096 | | | | 1919 | 76 | 76 | 81 | 78 | 69 | 64 | — | 6.1 | | | |
| Silica brick (computed): | | | | | | | | | | | | | | | | | | |
| Production.....thousands.. | 12,124 | 9,666 | 13,871 | 119,490 | 150,227 | + 25.7 | 1919 | 112 | 99 | 88 | 71 | 86 | 69 | — | 20.3 | | | |
| Shipments.....thousands.. | 11,250 | 8,519 | 11,359 | 115,283 | 151,357 | + 31.3 | 1919 | 94 | 81 | 88 | 70 | 80 | 61 | — | 24.3 | | | |
| Stocks, end of month.....thousands.. | 42,597 | 43,771 | 42,269 | | | | 1919 | 95 | 101 | 100 | 100 | 102 | 105 | + | 2.8 | | | |
| Face brick (32 identical plants): | | | | | | | | | | | | | | | | | | |
| Production.....thousands.. | 25,800 | 21,575 | 23,689 | 246,211 | 254,899 | + 3.5 | 1919 | 182 | 151 | 171 | 140 | 165 | 138 | — | 16.4 | | | |
| Stocks on yards ¹⁵.....thousands.. | 47,861 | 49,303 | * 54,689 | | | | 1919 | 160 | 161 | 177 | 134 | 141 | 145 | + | 3.0 | | | |
| Unfilled orders.....thousands.. | 31,979 | 29,002 | 28,947 | | | | 1919 | 134 | 105 | 168 | 146 | 116 | 105 | — | 9.3 | | | |
| Shipments.....thousands.. | 22,646 | 17,836 | * 20,255 | 227,126 | 243,560 | + 7.2 | 1920 | 151 | 145 | 174 | 139 | 162 | 128 | — | 21.2 | | | |

* Revised.

¹⁵ Represent stocks of finished brick on yards and does not include formed brick in kilns as reported prior to September, 1923. Current data therefore are not comparable to data prior to September, 1923.¹⁶ Ten months' average, March to December, inclusive.

* October, 1922.

TREND OF BUSINESS MOVEMENTS—Continued.

| NOTE.—Items marked with an asterisk (*) have not been published previously in the SURVEY or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the SURVEY (No. 27). In many cases December figures are now available and may be found in the special table on page 23. | NUMERICAL DATA. | | | | | Per cent increase (+) or decrease (—) cumulative 1923 from 1922. | BASE YEAR OR PERIOD. | INDEX NUMBERS. | | | | | | Per cent increase (+) or decrease (—) Nov. from Oct. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-------------------------------------------------|----------------------------------------|-----------|------------------------------------------------------------------|----------------------|----------------|-------|-------|-------|-------|-------|------------------------------------------------------|
| | October, 1923. | November, 1923. | Corresponding month, October or November, 1922. | CUMULATIVE TOTAL THROUGH LATEST MONTH. | | | | 1922 | 1923 | 1922 | | 1923 | | |
| | | | | 1922 | 1923 | | | | | Oct. | Nov. | Aug. | Sept. |  | Oct. | Nov. |
| BUILDING CONSTRUCTION—Contd. | | | | | | | | | | | | | | |
| Brick—Continued. | | | | | | | | | | | | | | |
| Paving brick:* | | | | | | | | | | | | | | |
| Production— | | | | | | | | | | | | | | |
| Actual.....thousands.. | 34,317 | 28,212 | | | | | | | | | | | | - 17.8 |
| Relation to capacity.....per cent.. | 80 | 72 | | | | | | | | | | | | - 10.0 |
| Shipments.....thousands.. | 34,287 | 21,689 | | | | | | | | | | | | - 36.7 |
| Stocks, end of month.....thousands.. | 76,613 | 77,570 | | | | | | | | | | | | + 1.2 |
| Orders received.....thousands.. | 23,173 | 12,601 | | | | | | | | | | | | - 45.6 |
| Cancellations.....thousands.. | 807 | 812 | | | | | | | | | | | | + 0.6 |
| Unfilled orders, end of month.....thousands.. | 64,631 | 64,435 | | | | | | | | | | | | - 0.1 |
| Prices, common brick: | | | | | | | | | | | | | | |
| Wholesale, red, New York, dolls. per thous.. | 19.00 | 18.00 | 14.75 | | | | 1913 | 232 | 225 | 311 | 305 | 200 | 274 | - 5.3 |
| At plant, salmon, Chicago, dolls. per thous.. | 8.98 | 8.61 | 8.70 | | | | 1913 | 182 | 176 | 184 | 175 | 182 | 174 | - 4.1 |
| Cement. | | | | | | | | | | | | | | |
| Production.....thous. of bbls.. | 13,350 | 12,603 | 11,349 | 105,199 | 126,969 | + 20.7 | 1913 | 160 | 148 | 169 | 171 | 174 | 164 | - 5.6 |
| Shipment.....thous. of bbls.. | 14,285 | 10,251 | 10,167 | 111,705 | 129,143 | + 15.6 | 1913 | 174 | 138 | 203 | 185 | 193 | 139 | - 28.2 |
| Stocks, end of month.....thous. of bbls.. | 4,612 | 6,964 | 5,320 | | | | 1913 | 37 | 47 | 54 | 49 | 41 | 62 | + 51.0 |
| Price, Portland: | | | | | | | | | | | | | | |
| Chicago district.....dolls. per bbl.. | 1.75 | 1.67 | 1.75 | | | | 1913 | 173 | 173 | 173 | 173 | 173 | 166 | - 4.6 |
| Lough Valley.....dolls. per bbl.. | 1.90 | 1.90 | 1.90 | | | | 1913 | 242 | 214 | 214 | 214 | 214 | 214 | 0.0 |
| Concrete paving contracts: | | | | | | | | | | | | | | |
| Total.....thous. of sq. yds.. | 7,486 | 5,356 | 3,528 | 75,396 | 74,245 | - 1.5 | 1919 | 105 | 79 | 197 | 153 | 168 | 120 | - 28.5 |
| Roads.....thous. of sq. yds.. | 4,191 | 3,287 | 2,789 | 55,257 | 47,383 | - 14.2 | 1919 | 81 | 81 | 163 | 132 | 122 | 96 | - 21.6 |
| Roofing. | | | | | | | | | | | | | | |
| Prepared roofing: | | | | | | | | | | | | | | |
| Shipments.....thous. of roof squares.. | 3,008 | 2,585 | 2,396 | 28,542 | 28,460 | - 0.3 | 1919 | 137 | 115 | 124 | 148 | 145 | 124 | - 14.1 |
| Roofing felt: | | | | | | | | | | | | | | |
| Production, dry felt.....tons.. | 17,892 | 16,153 | | | | | Jan., '23 | | | 116 | 109 | 125 | 112 | - 9.7 |
| Stocks— | | | | | | | | | | | | | | |
| Total.....tons.. | 11,210 | 9,963 | | | | | Jan., '23 | | | 95 | 74 | 57 | 54 | - 11.1 |
| Dry felt.....tons.. | 1,686 | 1,592 | | | | | Jan., '23 | | | 92 | 99 | 86 | 77 | - 5.6 |
| Receipts— | | | | | | | | | | | | | | |
| Rags.....tons.. | 17,104 | 15,960 | | | | | Jan., '23 | | | 97 | 77 | 114 | 106 | - 6.7 |
| Paper.....tons.. | 6,228 | 5,789 | | | | | Jan., '23 | | | 91 | 78 | 94 | 87 | - 7.0 |
| Miscellaneous.....tons.. | 960 | 840 | | | | | Jan., '23 | | | 116 | 82 | 81 | 71 | - 13.0 |
| Sanitary Ware. | | | | | | | | | | | | | | |
| Baths, enamel: | | | | | | | | | | | | | | |
| Orders shipped.....number.. | 107,308 | 87,182 | 74,943 | 787,529 | 948,832 | + 20.5 | 1919 | 228 | 217 | 253 | 242 | 310 | 252 | - 18.8 |
| Stocks.....number.. | 29,540 | 34,874 | 33,126 | | | | 1919 | 64 | 79 | 69 | 66 | 70 | 83 | + 18.9 |
| Orders received.....number.. | 101,864 | 82,599 | 89,690 | 986,206 | 1,012,196 | + 2.6 | 1919 | 110 | 128 | 105 | 102 | 146 | 118 | - 18.9 |
| Lavatories, enamel: | | | | | | | | | | | | | | |
| Orders shipped.....number.. | 141,206 | 115,822 | 90,324 | 980,381 | 1,146,692 | + 17.0 | 1919 | 191 | 197 | 259 | 235 | 309 | 253 | - 18.0 |
| Stocks.....number.. | 43,583 | 59,379 | 59,645 | | | | 1919 | 40 | 43 | 30 | 28 | 31 | 42 | + 36.2 |
| Orders received.....number.. | 126,474 | 102,791 | 108,976 | 1,250,748 | 1,271,487 | + 1.7 | 1919 | 127 | 148 | 132 | 116 | 172 | 140 | - 18.7 |
| Sinks, enamel: | | | | | | | | | | | | | | |
| Orders shipped.....number.. | 135,527 | 110,315 | 96,645 | 1,021,461 | 1,195,418 | + 17.0 | 1919 | 178 | 177 | 206 | 188 | 248 | 202 | - 18.6 |
| Stocks.....number.. | 53,346 | 62,072 | 61,183 | | | | 1919 | 44 | 49 | 39 | 37 | 42 | 29 | + 16.4 |
| Orders received.....number.. | 136,963 | 114,010 | 139,373 | 1,335,548 | 1,338,134 | + 0.2 | 1919 | 117 | 158 | 113 | 101 | 156 | 130 | - 16.8 |
| Miscellaneous, enamel: | | | | | | | | | | | | | | |
| Orders shipped.....number.. | 64,707 | 58,864 | 42,429 | 484,111 | 603,642 | + 24.7 | 1919 | 154 | 149 | 210 | 182 | 228 | 207 | - 9.0 |
| Stocks.....number.. | 49,785 | 43,334 | 50,451 | | | | 1919 | 63 | 63 | 58 | 51 | 62 | 54 | - 13.0 |
| Orders received.....number.. | 60,567 | 62,499 | 62,935 | 646,844 | 668,498 | + 3.3 | 1919 | 124 | 150 | 124 | 106 | 149 | 149 | + 3.2 |
| Unfilled orders: | | | | | | | | | | | | | | |
| Baths.....number.. | 189,705 | 184,606 | 188,023 | | | | 17 1921 | 431 | 461 | 590 | 473 | 465 | 452 | - 2.7 |
| Small ware.....number.. | 735,351 | 701,490 | 600,466 | | | | 17 1921 | 396 | 465 | 619 | 580 | 569 | 543 | - 4.6 |
| CHEMICALS. | | | | | | | | | | | | | | |
| Acetate of lime: | | | | | | | | | | | | | | |
| Production.....thous. of lbs.. | 12,730 | 14,922 | 14,886 | 108,571 | 150,322 | + 38.5 | 1922 | 116 | 143 | 121 | 111 | 123 | 144 | + 17.2 |
| Shipments or use.....thous. of lbs.. | 12,108 | 14,051 | 15,170 | 143,884 | 145,795 | + 1.3 | 1922 | 87 | 111 | 57 | 60 | 89 | 103 | + 16.0 |
| Stocks, end of month.....thous. of lbs.. | 18,405 | 19,711 | 18,237 | | | | 1922 | 52 | 51 | 39 | 49 | 51 | 55 | + 7.1 |
| Methanol: | | | | | | | | | | | | | | |
| Production.....gallons.. | 650,058 | 763,630 | 795,879 | 5,917,306 | 7,912,860 | + 33.7 | 1922 | 113 | 140 | 115 | 100 | 115 | 135 | + 17.5 |
| Shipments or use.....gallons.. | 715,425 | 899,205 | 902,255 | 6,727,214 | 7,218,000 | + 7.3 | 1922 | 125 | 142 | 74 | 83 | 113 | 142 | + 25.7 |
| Stocks, end of month.....gallons.. | 2,842,893 | 2,739,698 | 2,003,229 | | | | 1922 | 77 | 73 | 104 | 105 | 103 | 100 | - 3.6 |
| Wood at chemical plants: | | | | | | | | | | | | | | |
| Consumption (carbonized).....cords.. | 72,109 | 81,461 | 92,134 | 670,081 | 889,998 | + 32.8 | 1922 | 115 | 144 | 116 | 101 | 113 | 127 | + 13.0 |
| Stocks, end of mo.....cords.. | 821,805 | 815,541 | 902,422 | | | | 1922 | 99 | 96 | 84 | 85 | 99 | 98 | - 0.8 |
| Imports: | | | | | | | | | | | | | | |
| Potash.....long tons.. | 22,446 | 14,506 | 10,322 | 226,273 | 206,133 | - 8.9 | 1909-13 | 49 | 49 | 97 | 65 | 106 | 69 | - 35.4 |
| Nitrate of soda.....long tons.. | 56,788 | 30,456 | 105,954 | 495,290 | 801,239 | + 61.8 | 1909-13 | 157 | 215 | 131 | 119 | 132 | 71 | - 46.4 |
| Exports: | | | | | | | | | | | | | | |
| Sulphuric acid.....thous. of lbs.. | 356 | 531 | 513 | 11,939 | 7,874 | - 34.0 | 1909-13 | 79 | 84 | 264 | 132 | 58 | 87 | + 49.2 |
| Dyes and dyestuffs.....thous. of dolls.. | 535 | 478 | 483 | 4,686 | 5,838 | + 24.6 | 1909-13 | 1,564 | 1,670 | 1,438 | 1,548 | 1,649 | 1,653 | - 10.7 |
| Total fertilizer.....long tons.. | 63,789 | 85,133 | 92,074 | 869,966 | 1,045,043 | + 20.1 | 1909-13 | 67 | 89 | 92 | 126 | 62 | 82 | + 33.5 |
| NAVAL STORES.] RE 23 | | | | | | | | | | | | | | |
| Turpentine (3 principal ports): | | | | | | | | | | | | | | |
| Net receipts.....barrels.. | 33,253 | 26,586 | 26,582 | 236,184 | 290,872 | + 23.2 | 1919-20 | 174 | 174 | 287 | 234 | 218 | 174 | - 20.0 |
| Stocks.....barrels.. | 37,141 | 39,221 | 40,161 | | | | 1919-20 | 103 | 129 | 95 | 117 | 119 | 126 | + 5.6 |
| Rosin (3 principal ports): | | | | | | | | | | | | | | |
| Net receipts.....barrels.. | 115,428 | 106,088 | 105,800 | 885,484 | 1,051,884 | + 18.8 | 1919-20 | 142 | 189 | 247 | 204 | 206 | 190 | - 8.1 |
| Stocks.....barrels.. | 295,389 | 316,820 | 352,465 | | | | 1919-20 | 166 | 176 | 131 | 144 | 147 | 158 | + 7.3 |

* Revised.

17 Eight months' average, May to December, inclusive.

TREND OF BUSINESS MOVEMENTS—Continued.

| NOTE.—Items marked with an asterisk (*) have not been published previously in the SURVEY or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the SURVEY (No. 27). In many cases December figures are now available and may be found in the special table on page 23. | NUMERICAL DATA. | | | | | Per cent increase (+) or decrease (—) cumulative 1923 from 1922. | BASE YEAR OR PERIOD. | INDEX NUMBERS. | | | | | | Per cent increase (+) or decrease (—) Nov. from Oct. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-------------------------------------------------|----------------------------------------|---------|------------------------------------------------------------------|----------------------|----------------|-------|-------|-------|------|------|------------------------------------------------------|
| | October, 1923. | November, 1923. | Corresponding month, October or November, 1922. | CUMULATIVE TOTAL THROUGH LATEST MONTH. | | | | 1922 | | 1923 | | | | |
| | | | | 1922 | 1923 | | | Oct. | Nov. | Aug. | Sept. | Oct. | Nov. | |
| FATS AND OILS. | | | | | | | | | | | | | | |
| Total vegetable oils: | | | | | | | | | | | | | | |
| Exports.....thous. of lbs.. | 3,698 | 6,473 | 13,701 | 71,558 | 49,545 | — 30.8 | 1913 | 18 | 47 | 8 | 7 | 13 | 22 | + 75.0 |
| Imports.....thous. of lbs.. | 34,994 | 33,462 | 41,595 | 576,843 | 582,420 | + 1.0 | 1913 | 258 | 194 | 234 | 124 | 164 | 156 | — 4.4 |
| Oleomargarine: | | | | | | | | | | | | | | |
| Consumption.....thous. of lbs.. | 21,236 | 24,101 | 19,806 | 159,663 | 205,713 | + 28.8 | 1913 | 136 | 167 | 152 | 167 | 179 | 203 | + 13.5 |
| Cottonseed. | | | | | | | | | | | | | | |
| Cottonseed stocks.....tons.. | 731,281 | 794,506 | 857,731 | | | | 1919 | 152 | 167 | 23 | 82 | 143 | 155 | + 8.6 |
| Cottonseed oil: | | | | | | | | | | | | | | |
| Stocks.....thous. of lbs.. | 93,858 | 130,763 | 116,859 | | | | 1919 | 107 | 120 | 8 | 36 | 98 | 145 | + 48.9 |
| Production.....thous. of lbs.. | 192,534 | 181,194 | 184,612 | 795,192 | 846,916 | + 6.5 | 1919 | 164 | 166 | 13 | 63 | 174 | 164 | — 5.9 |
| Price, New York.....dolls. per lb.. | .120 | .118 | .094 | | | | 1913 | 127 | 130 | 144 | 162 | 165 | 162 | — 1.7 |
| Flaxseed. | | | | | | | | | | | | | | |
| Receipts: | | | | | | | | | | | | | | |
| Minneapolis.....thous. of bush.. | 1,852 | 1,255 | 600 | 4,311 | 9,531 | +121.1 | 1913 | 91 | 64 | 116 | 273 | 196 | 133 | — 32.2 |
| Duluth.....thous. of bush.. | 2,434 | 1,531 | 929 | 3,259 | 6,665 | +104.5 | 1913 | 109 | 90 | 23 | 122 | 235 | 148 | — 37.1 |
| Shipments: | | | | | | | | | | | | | | |
| Minneapolis.....thous. of bush.. | 395 | 253 | 182 | 1,171 | 1,474 | + 25.9 | 1913 | 124 | 117 | 64 | 171 | 253 | 162 | — 35.9 |
| Duluth.....thous. of bush.. | 1,574 | 699 | 940 | 2,584 | 4,198 | + 62.5 | 1913 | 61 | 86 | 17 | 55 | 143 | 64 | — 55.6 |
| Stocks: | | | | | | | | | | | | | | |
| Minneapolis.....thous. of bush.. | 500 | 767 | 55 | | | | 1913 | 33 | 24 | 13 | 155 | 215 | 329 | + 53.4 |
| Duluth.....thous. of bush.. | 1,753 | 627 | 674 | | | | 1913 | 22 | 25 | 3 | 26 | 64 | 23 | — 64.2 |
| Linseed oil: | | | | | | | | | | | | | | |
| Shipments from Minneapolis.....thous. of lbs.. | 16,778 | 15,648 | 11,014 | 87,913 | 113,856 | + 29.5 | 1913 | 77 | 72 | 66 | 84 | 110 | 103 | — 6.7 |
| Linseed-oil cake: | | | | | | | | | | | | | | |
| Shipments from Minneapolis.....thous. of lbs.. | 24,071 | 26,432 | 15,642 | 109,310 | 180,237 | + 64.9 | 1913 | 54 | 52 | 52 | 55 | 80 | 88 | + 9.8 |
| FOODSTUFFS. | | | | | | | | | | | | | | |
| Wheat. | | | | | | | | | | | | | | |
| Exports, including flour.....thous. of bush.. | 22,465 | 18,652 | 17,579 | 215,612 | 158,928 | — 26.3 | 1913 | 211 | 148 | 167 | 189 | 157 | 102 | — 17.0 |
| Visible supply.....thous. of bush.. | 155,517 | 185,549 | 127,409 | | | | 1913 | 255 | 248 | 130 | 196 | 303 | 361 | + 19.3 |
| Receipts, principal markets.....thous. of bush.. | 40,488 | 37,192 | 42,493 | 374,781 | 359,955 | — 4.0 | 1919 | 153 | 135 | 207 | 144 | 129 | 118 | — 8.1 |
| Shipments, prin. markets.....thous. of bush.. | 18,993 | 17,612 | 27,300 | 253,006 | 199,946 | — 21.0 | 1919 | 141 | 137 | 132 | 130 | 95 | 88 | — 7.3 |
| Wheat flour: | | | | | | | | | | | | | | |
| Production.....thous. of bbls.. | 12,561 | 11,524 | 13,424 | 114,555 | 114,980 | + 0.4 | 1914 | 140 | 138 | 124 | 124 | 129 | 119 | — 8.3 |
| Consumption.....thous. of bbls.. | 10,850 | 10,366 | 11,709 | 100,504 | 101,069 | + 0.6 | 1919 | 141 | 144 | 137 | 115 | 133 | 127 | — 4.5 |
| Stocks.....thous. of bbls.. | 8,500 | 7,900 | 9,100 | | | | 1919 | 94 | 96 | 86 | 93 | 90 | 84 | — 7.1 |
| Prices: | | | | | | | | | | | | | | |
| No. 1, northern, Chicago.....dolls. per bush.. | 1.197 | 1.092 | 1.228 | | | | 1913 | 129 | 134 | 117 | 127 | 131 | 120 | — 8.5 |
| No. 2, red winter, Chicago.....dolls. per bush.. | 1.097 | 1.061 | 1.273 | | | | 1913 | 119 | 129 | 103 | 106 | 111 | 108 | — 3.3 |
| Flour, standard patents, Minneapolis.....dolls. per bbl.. | 6.200 | 6.038 | 6.713 | | | | 1913 | 140 | 146 | 133 | 136 | 135 | 132 | — 2.6 |
| Flour, winter straights, Kansas City.....dolls. per bbl.. | 5.400 | 5.213 | 5.706 | | | | 1913 | 149 | 148 | 127 | 137 | 140 | 136 | — 3.5 |
| Corn. | | | | | | | | | | | | | | |
| Exports, including meal.....thous. of bush.. | 688 | 1,097 | 7,722 | 161,078 | 42,503 | — 73.6 | 1913 | 244 | 183 | 22 | 31 | 16 | 26 | + 69.4 |
| Visible supply.....thous. of bush.. | 1,105 | 3,274 | 12,846 | | | | 1913 | 124 | 153 | 23 | 30 | 13 | 39 | +108.3 |
| Receipts, principal markets.....thous. of bush.. | 16,450 | 23,199 | 23,925 | 356,307 | 216,835 | — 39.1 | 1919 | 217 | 160 | 146 | 123 | 110 | 155 | + 41.0 |
| Shipments, prin. markets.....thous. of bush.. | 8,639 | 10,269 | 14,206 | 244,630 | 152,010 | — 37.9 | 1919 | 263 | 161 | 148 | 131 | 98 | 116 | + 18.2 |
| Grindings (starch, glucose).....thous. of bush.. | 6,424 | 5,576 | 6,403 | 62,237 | 60,492 | — 2.8 | 1913 | 161 | 153 | 128 | 133 | 153 | 133 | — 13.2 |
| Prices, contract grades, No. 2, Chicago.....dolls. per bush.. | 1.011 | .842 | .722 | | | | 1913 | 111 | 116 | 137 | 140 | 142 | 162 | — 16.7 |
| Other Grains. | | | | | | | | | | | | | | |
| Oats: | | | | | | | | | | | | | | |
| Receipts, principal markets.....thous. of bush.. | 28,710 | 18,298 | 23,375 | 207,805 | 219,559 | + 5.7 | 1913 | 115 | 113 | 136 | 128 | 139 | 88 | — 36.3 |
| Visible supply.....thous. of bush.. | 20,488 | 18,686 | 32,940 | | | | 1913 | 204 | 189 | 58 | 95 | 118 | 107 | — 8.8 |
| Exports, including meal.....thous. of bush.. | 1,158 | 1,179 | 3,356 | 34,834 | 10,472 | — 69.9 | 1913 | 123 | 111 | 27 | 41 | 38 | 39 | + 1.3 |
| Prices, contract grades, Chicago.....dolls. per bush.. | .439 | .442 | .445 | | | | 1913 | 115 | 118 | 103 | 110 | 117 | 118 | + 0.3 |
| Barley: | | | | | | | | | | | | | | |
| Receipts, principal markets.....thous. of bush.. | 6,061 | 4,493 | 4,104 | 36,193 | 41,021 | + 13.3 | 1913 | 51 | 45 | 56 | 80 | 67 | 50 | — 5.9 |
| Exports.....thous. of bush.. | 1,425 | 264 | 1,563 | 17,071 | 11,429 | — 35.3 | 1913 | 201 | 107 | 176 | 141 | 98 | 18 | — 81.5 |
| Price, fair to good, malting, Chicago.....dolls. per bush.. | .678 | .656 | .678 | | | | 1913 | 106 | 108 | 100 | 105 | 108 | 105 | — 3.2 |
| Rye: | | | | | | | | | | | | | | |
| Receipts, principal markets.....thous. of bush.. | 3,434 | 3,534 | 7,832 | 57,110 | 41,663 | — 27.0 | 1913 | 608 | 605 | 297 | 413 | 265 | 273 | + 2.9 |
| Exports, including flour.....thous. of bush.. | 545 | 981 | 5,454 | 44,037 | 30,598 | — 30.5 | 1913 | 1,442 | 3,538 | 1,139 | 1,673 | 352 | 633 | + 80.6 |
| Price, No. 2, Chicago.....dolls. per bush.. | .720 | .708 | .868 | | | | 1913 | 122 | 136 | 106 | 110 | 113 | 111 | — 1.7 |
| Total Grains. | | | | | | | | | | | | | | |
| Total grain exports, incl. flour.....thous. of bush.. | 20,468 | 15,668 | 35,704 | 473,232 | 254,133 | 46.3 | 1913 | 213 | 172 | 125 | 143 | 108 | 75 | — 23.5 |
| Car loadings of grain and grain products.....cars.. | 49,428 | 46,890 | 53,076 | | | | 1919 | 134 | 136 | 134 | 129 | 127 | 128 | + 0.9 |
| Argentine Grain. | | | | | | | | | | | | | | |
| Exports: | | | | | | | | | | | | | | |
| Wheat flour.....thous. of bush.. | 101 | | † 67 | 910 | 752 | — 17.4 | 1913 | 57 | 63 | 84 | 63 | 86 | | |
| Wheat.....thous. of bush.. | 6,256 | | † 5,183 | 124,314 | 144,126 | + 15.9 | 1913 | 60 | 86 | 110 | 113 | 73 | | |
| Corn.....thous. of bush.. | 9,877 | | † 16,172 | 76,205 | 103,726 | + 36.1 | 1913 | 103 | 102 | 79 | 84 | 63 | | |
| Oats.....thous. of bush.. | 2,174 | | † 569 | 18,936 | 27,722 | + 16.4 | 1913 | 11 | 63 | 23 | 37 | 43 | | |
| Flaxseed.....thous. of bush.. | 1,447 | | † 2,550 | 32,452 | 43,364 | + 33.6 | 1913 | 76 | 76 | 49 | 48 | 42 | | |
| † October, 1922. | | | | | | | | | | | | | | |

TREND OF BUSINESS MOVEMENTS—Continued.

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In many cases December figures are now available and may be found in the special table on page 23.

| NOTE.—Items marked with an asterisk (*) have not been published previously in the Survey or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the Survey (No. 27). | NUMERICAL DATA. | | | | | Per cent increase (+) or decrease (—) cumulative 1923 from 1922. | BASE YEAR OR PERIOD. | INDEX NUMBERS. | | | | | | Per cent increase (+) or decrease (—) Nov. from Oct. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------|------------------------------------------------|----------------------------------------|-----------|------------------------------------------------------------------|----------------------|----------------|------|------|-------|------|------|------------------------------------------------------|
| | October, 1923. | November, 1923. X | Corresponding month October or November, 1922. | CUMULATIVE TOTAL THROUGH LATEST MONTH. | | | | 1922 | | 1923 | | 1923 | | |
| | | | | 1922 | 1923 | | | Oct. | Nov. | Aug. | Sept. | Oct. | Nov. | |
| In many cases December figures are now available and may be found in the special table on page 23. | | | | | | | | | | | | | | |
| FOODSTUFFS—Continued. | | | | | | | | | | | | | | |
| Argentine Grain—Continued. | | | | | | | | | | | | | | |
| Visible supply: | | | | | | | | | | | | | | |
| Wheat.....thous. of bush. | 3,700 | 2,690 | 2,590 | | | | 1913 | 71 | 100 | 143 | 172 | 143 | 114 | — 20.0 |
| Corn.....thous. of bush. | 4,000 | 3,200 | 7,200 | | | | 1913 | 217 | 206 | 137 | 103 | 114 | 92 | — 20.0 |
| Flaxseed.....thous. of bush. | 1,200 | 800 | 1,000 | | | | 1914 | 137 | 137 | 220 | 192 | 165 | 110 | — 33.3 |
| Other Crops. | | | | | | | | | | | | | | |
| Rice: | | | | | | | | | | | | | | |
| Receipts at mills.....thous. of bbls. | 1,512 | 1,912 | 1,780 | 8,779 | 6,950 | — 20.8 | 1919 | 314 | 292 | 72 | 65 | 248 | 314 | + 26.5 |
| Shipments— | | | | | | | | | | | | | | |
| Total from mills.....thous. of pockets. | 969 | 1,236 | 1,287 | 8,635 | 7,427 | — 14.0 | 1919 | 233 | 210 | 67 | 101 | 158 | 202 | + 27.6 |
| Through | | | | | | | | | | | | | | |
| New Orleans.....thous. of pockets. | 237 | 308 | 437 | 2,887 | 2,478 | — 14.2 | 1919 | 156 | 171 | 40 | 61 | 93 | 121 | + 30.0 |
| Stocks, end of month, | | | | | | | | | | | | | | |
| at mills.....thous. of pockets. | 954 | 1,735 | 2,004 | | | | 1919 | 174 | 247 | 68 | 44 | 118 | 214 | + 81.9 |
| Imports.....pockets (100 lbs.) | 7,897 | 26,708 | 105,842 | 592,400 | 452,644 | — 14.2 | 1919 | 31 | 78 | 15 | 4 | 6 | 20 | +238.2 |
| Exports.....pockets (100 lbs.) | 184,646 | 84,092 | 398,832 | 3,771,962 | 3,064,510 | — 18.8 | 1919 | 48 | 127 | 32 | 33 | 69 | 69 | — 0.3 |
| Apples: | | | | | | | | | | | | | | |
| Cold-storage holdings | | | | | | | | | | | | | | |
| (1st of following month).....thous. of bbls. | 6,224 | 927 | 6,743 | | | | 1919 | 318 | 389 | 4 | 50 | 359 | 543 | — 55.1 |
| Carlot shipments.....carloads. | 44,515 | 25,187 | 18,740 | 84,580 | 115,468 | + 36.5 | 1919 | 431 | 276 | 55 | 212 | 655 | 371 | — 43.4 |
| Potatoes, carlot shipments.....carloads. | 33,433 | 19,400 | 19,547 | 227,574 | 216,064 | — 5.1 | 1919 | 225 | 132 | 102 | 153 | 223 | 129 | — 42.0 |
| Onions, carlot shipments.....carloads. | 4,760 | 2,622 | 2,018 | 24,425 | 23,904 | — 2.1 | 1919 | 269 | 116 | 125 | 213 | 274 | 151 | — 44.9 |
| Citrus fruit, carlot shipments.....carloads. | 5,890 | 11,149 | 7,101 | 60,157 | 85,791 | + 42.6 | 1919 | 84 | 132 | 55 | 61 | 100 | 207 | +106.8 |
| Hay, receipts.....tons | 87,786 | 80,646 | 85,988 | 836,345 | 841,455 | + 0.6 | 1919 | 62 | 71 | 60 | 69 | 73 | 75 | + 3.3 |
| Sweet corn, unsold stocks, Iowa-Nebr.....cases | 393,930 | 219,185 | | | | | 1922 | 83 | (19) | 5 | (19) | 50 | 28 | — 44.4 |
| Cattle and Beef. | | | | | | | | | | | | | | |
| Cattle movement, primary market: | | | | | | | | | | | | | | |
| Receipts.....thousands. | 2,802 | 2,182 | 2,427 | 21,391 | 21,403 | + 0.1 | 1919 | 143 | 118 | 108 | 112 | 136 | 106 | — 22.1 |
| Shipments, total.....thousands. | 1,382 | 1,131 | 1,345 | 9,818 | 9,270 | — 5.6 | 1919 | 176 | 150 | 118 | 129 | 155 | 127 | — 18.2 |
| Shipments, stocker and feeder.....thousands. | 785 | 624 | 710 | 4,507 | 4,201 | — 6.8 | 1919 | 196 | 161 | 109 | 143 | 178 | 142 | — 20.5 |
| Slaughter.....thousands. | 1,373 | 1,106 | 1,138 | 11,439 | 12,017 | + 5.1 | 1919 | 114 | 100 | 102 | 97 | 120 | 97 | — 19.4 |
| Beef products: | | | | | | | | | | | | | | |
| Inspected slaughter produc.....thous. of lbs. | 519,099 | | † 483,293 | 4,123,716 | 4,293,615 | + 4.1 | 1913 | 141 | 134 | 133 | 129 | 151 | | |
| Apparent consumption.....thous. of lbs. | 491,326 | | † 455,986 | 4,020,930 | 4,206,222 | + 4.6 | 1913 | 102 | 93 | 98 | 95 | 110 | | |
| Exports.....thous. of lbs. | 14,205 | 12,086 | 14,568 | 162,692 | 153,529 | — 5.6 | 1913 | 97 | 107 | 133 | 110 | 104 | 89 | — 14.9 |
| Cold-storage holdings | | | | | | | | | | | | | | |
| (1st of following month).....thous. of lbs. | 63,578 | 93,144 | 95,628 | | | | 1919 | 28 | 40 | 19 | 20 | 26 | 39 | + 46.5 |
| Prices, Chicago: | | | | | | | | | | | | | | |
| Cattle, corn-fed.....dolls. per 100 lbs. | 10.450 | 9.844 | 10.500 | | | | 1913 | 120 | 123 | 128 | 125 | 123 | 116 | — 5.8 |
| Beef, fresh native steers.....dolls. per 100 lbs. | 17.50 | 17.50 | 15.50 | | | | 1913 | 120 | 120 | 122 | 135 | 135 | 135 | 0.0 |
| Beef, steer rounds, No. 2.....dolls. per 100 lbs. | 15.50 | 13.60 | 14.00 | | | | 1913 | 107 | 107 | 141 | 132 | 118 | 104 | — 12.3 |
| Hogs and Pork. | | | | | | | | | | | | | | |
| Hog movement, primary markets: | | | | | | | | | | | | | | |
| Receipts, primary markets.....thousands. | 4,816 | 5,416 | 4,421 | 39,064 | 49,503 | + 26.7 | 1919 | 99 | 118 | 99 | 97 | 129 | 145 | + 12.5 |
| Shipments, primary markets.....thousands. | 1,669 | 1,779 | 1,501 | 13,674 | 17,227 | + 26.0 | 1919 | 109 | 126 | 121 | 112 | 140 | 149 | + 6.6 |
| Shipments, stocker and feeder.....thousands. | 101 | 70 | 55 | 546 | 774 | + 41.8 | 1919 | 65 | 73 | 83 | 136 | 135 | 93 | — 30.7 |
| Slaughter.....thousands. | 3,129 | 3,657 | 2,918 | 25,379 | 32,256 | + 27.1 | 1919 | 93 | 115 | 90 | 90 | 123 | 144 | + 16.9 |
| Pork products: | | | | | | | | | | | | | | |
| Inspected slaughter produc.....thous. of lbs. | 714,848 | | † 547,624 | 5,861,702 | 7,365,059 | + 25.6 | 1913 | 113 | 146 | 134 | 115 | 148 | | |
| Apparent consumption.....thous. of lbs. | 703,322 | | † 548,421 | 4,686,535 | 5,827,450 | + 21.3 | 1913 | 196 | 201 | 223 | 207 | 251 | | |
| Exports.....thous. of lbs. | 158,196 | 158,908 | 124,574 | 1,331,023 | 1,798,740 | + 35.1 | 1913 | 153 | 152 | 199 | 208 | 193 | 194 | + 0.5 |
| Cold-storage holding (1st of following month).....thous. of lbs. | 542,544 | 620,217 | 452,005 | | | | 1919 | 47 | 50 | 95 | 75 | 59 | 68 | + 14.3 |
| Prices: | | | | | | | | | | | | | | |
| Hogs, heavy, Chicago.....dolls. per 100 lbs. | 7.775 | 7.131 | 8.244 | | | | 1913 | 112 | 99 | 96 | 103 | 93 | 85 | — 8.3 |
| Hams, smoked, Chicago.....dolls. per 100 lbs. | 21.90 | 20.90 | 21.30 | | | | 1913 | 140 | 128 | 134 | 134 | 132 | 126 | — 4.6 |
| Sheep and Mutton. | | | | | | | | | | | | | | |
| Sheep movement, primary markets: | | | | | | | | | | | | | | |
| Receipts, primary markets.....thousands. | 3,465 | 1,816 | 2,288 | 20,851 | 20,526 | — 1.6 | 1919 | 146 | 101 | 79 | 117 | 153 | 80 | — 47.6 |
| Shipments, primary markets.....thousands. | 2,443 | 1,084 | 1,465 | 10,969 | 11,034 | + 0.6 | 1919 | 181 | 121 | 74 | 144 | 202 | 90 | — 55.6 |
| Shipments, stocker and feeder.....thousands. | 1,489 | 540 | 757 | 3,911 | 4,324 | + 10.6 | 1919 | 197 | 131 | 59 | 155 | 258 | 93 | — 63.7 |
| Slaughter.....thousands. | 981 | 777 | 881 | 9,849 | 9,461 | — 3.9 | 1919 | 101 | 84 | 86 | 85 | 93 | 74 | — 20.8 |
| Lamb and mutton: | | | | | | | | | | | | | | |
| Inspected slaughter produc.....thous. of lbs. | 39,799 | | † 37,777 | 348,034 | 372,953 | + 7.2 | 1913 | 72 | 67 | 67 | 71 | 76 | | |
| Cold-storage holdings | | | | | | | | | | | | | | |
| (1st of following month).....thous. of lbs. | 1,997 | 2,015 | 3,633 | | | | 1919 | 41 | 43 | 21 | 20 | 24 | 24 | + 0.9 |
| Prices: | | | | | | | | | | | | | | |
| Sheep, ewes, Chicago.....dolls. per 100 lbs. | 5.275 | 5.656 | 6.438 | | | | 1913 | 114 | 137 | 123 | 117 | 113 | 121 | + 7.2 |
| Sheep, lambs, Chicago.....dolls. per 100 lbs. | 12.775 | 12.275 | 14.050 | | | | 1913 | 173 | 180 | 164 | 169 | 164 | 158 | — 3.9 |
| Fish. | | | | | | | | | | | | | | |
| Total catch, prin. fishing ports.....thous. of lbs. | 19,954 | 15,624 | 13,715 | 185,612 | 180,155 | — 2.9 | 1919 | 101 | 79 | 120 | 117 | 115 | 90 | — 21.7 |
| Cold-storage holdings, 15th of mo. thous. of lbs. | 62,744 | 63,458 | 54,503 | | | | 1919 | 89 | 88 | 63 | 86 | 102 | 103 | + 1.1 |
| Poultry. | | | | | | | | | | | | | | |
| Receipts at five markets.....thous. of lbs. | 27,412 | 57,819 | 45,171 | 209,188 | 265,751 | + 27.0 | 1919 | 109 | 228 | 91 | 95 | 138 | 292 | +110.9 |
| Cold-storage holdings | | | | | | | | | | | | | | |
| (1st of following month).....thous. of lbs. | 37,008 | 63,350 | 51,781 | | | | 1919 | 45 | 78 | 51 | 50 | 56 | 95 | + 71.2 |

† Not available.

† October, 1922.

TREND OF BUSINESS MOVEMENTS—Continued.

| NOTE.—Items marked with an asterisk (*) have not been published previously in the SURVEY or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the SURVEY (No. 27). <i>In many cases December figures are now available and may be found in the special table on page 23.</i> | NUMERICAL DATA. | | | | | Per cent increase (+) or decrease (−) cumulative 1923 from 1922. | BASE YEAR OR PERIOD. | INDEX NUMBERS. | | | | | | Per cent increase (+) or decrease (−) Nov. from Oct. | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|------------------------------------------------|----------------------------------------|-----------|------------------------------------------------------------------|----------------------|----------------|------|-------|------|------|-------|------------------------------------------------------|------|------|
| | October 1923. | November, 1923. | Corresponding month October or November, 1922. | CUMULATIVE TOTAL THROUGH LATEST MONTH. | | | | 1922 | 1923 | 1922 | | 1923 | | | | |
| | | | | 1922 | 1923 | | | | | Oct. | Nov. | Aug. | Sept. | | Oct. | Nov. |
| FOODSTUFFS—Continued. | | | | | | | | | | | | | | | | |
| Dairy Products. | | | | | | | | | | | | | | | | |
| Condensed and evaporated milk: | | | | | | | | | | | | | | | | |
| Exports.....thous. of lbs.. | 17,539 | 22,181 | 12,004 | 177,649 | 164,494 | − 7.4 | 1919 | 23 | 17 | 16 | 20 | 25 | 31 | + 26.5 | | |
| Receipts at five markets: | | | | | | | | | | | | | | | | |
| Butter.....thous. of lbs.. | 45,703 | 41,316 | 38,678 | 519,178 | 616,450 | + 18.7 | 1919 | 90 | 84 | 128 | 112 | 100 | 90 | − 9.6 | | |
| Cheese.....thous. of lbs.. | 21,091 | 16,870 | 16,107 | 189,744 | 205,857 | + 8.5 | 1919 | 112 | 99 | 137 | 113 | 130 | 104 | − 20.0 | | |
| Eggs.....thous. of cases.. | 831 | 568 | 491 | 15,802 | 16,128 | + 2.1 | 1919 | 59 | 41 | 101 | 83 | 70 | 48 | − 31.6 | | |
| Cold-storage holdings (1st of following mo.): | | | | | | | | | | | | | | | | |
| Creamery butter.....thous. of lbs.. | 76,418 | 51,559 | 47,773 | ..... | ..... | ..... | 1916-20 | 131 | 85 | 182 | 170 | 136 | 91 | − 32.5 | | |
| American cheese.....thous. of lbs.. | 58,048 | 55,105 | 37,291 | ..... | ..... | ..... | 1916-20 | 110 | 100 | 172 | 168 | 156 | 148 | − 5.1 | | |
| Case eggs.....thous. of cases.. | 6,650 | 4,031 | 3,257 | ..... | ..... | ..... | 1916-20 | 155 | 88 | 268 | 236 | 180 | 109 | − 39.4 | | |
| Wholesale prices at five markets: | | | | | | | | | | | | | | | | |
| Butter.....dolls. per lb.. | .479 | .511 | .494 | ..... | ..... | ..... | 1919 | 79 | 83 | 74 | 78 | 81 | 86 | + 6.7 | | |
| Cheese.....dolls. per lb.. | .256 | .248 | .249 | ..... | ..... | ..... | 1919 | 80 | 80 | 79 | 83 | 83 | 80 | − 3.1 | | |
| Fluid milk: | | | | | | | | | | | | | | | | |
| Receipts— | | | | | | | | | | | | | | | | |
| Boston (includ. cream).....thous. of qts.. | 15,738 | 14,783 | 14,097 | 164,345 | 169,894 | + 3.4 | 1919 | 118 | 108 | 120 | 114 | 121 | 113 | − 6.1 | | |
| Greater New York.....thous. of cans.. | 2,403 | 2,282 | 2,123 | 24,632 | 27,198 | + 10.4 | 1913 | 153 | 143 | 166 | 161 | 161 | 153 | − 5.0 | | |
| Production—Minneapolis.....thous. of qts.. | 16,684 | 17,559 | 11,439 | 145,177 | 195,941 | + 35.0 | 1919 | 160 | 160 | 248 | 225 | 234 | 246 | + 5.2 | | |
| Sugar. | | | | | | | | | | | | | | | | |
| Raw: | | | | | | | | | | | | | | | | |
| Imports.....long tons.. | 278,575 | 163,211 | 239,966 | 4,199,652 | 3,192,840 | − 24.0 | 1913 | 110 | 137 | 115 | 114 | 159 | 93 | − 41.4 | | |
| Meltings, 8 ports.....long tons.. | 384,200 | 288,031 | 309,274 | 4,956,569 | 3,978,342 | − 19.7 | 1919 | 86 | 95 | 97 | 83 | 118 | 89 | − 25.0 | | |
| Stocks at refineries, end of month.....long tons.. | 121,656 | 58,189 | 60,185 | ..... | ..... | ..... | 1919 | 99 | 72 | 220 | 202 | 127 | 61 | − 62.2 | | |
| Refined, exports.....long tons.. | 2,772 | 3,060 | 3,893 | 817,424 | 196,390 | − 76.0 | 1913 | 200 | 132 | 89 | 145 | 94 | 104 | + 10.4 | | |
| Cane, domestic: | | | | | | | | | | | | | | | | |
| Receipts at New Orleans.....long tons.. | 22,680 | 37,805 | 37,912 | 65,004 | 103,204 | + 58.8 | 1913 | 15 | 234 | 8 | 12 | 140 | 234 | + 66.7 | | |
| Prices: | | | | | | | | | | | | | | | | |
| Wholesale, 96° centrifugal, N. Y.....dolls. per lb.. | .076 | .073 | .056 | ..... | ..... | ..... | 1913 | 155 | 160 | 173 | 199 | 217 | 208 | − 3.9 | | |
| Wholesale, refined, N. Y.....dolls. per lb.. | .090 | .087 | .068 | ..... | ..... | ..... | 1913 | 164 | 160 | 178 | 193 | 210 | 203 | − 3.3 | | |
| Retail, average 51 cities.....index number.. | ..... | ..... | ..... | ..... | ..... | ..... | 1913 | 144 | 147 | 175 | 175 | 193 | 187 | − 3.1 | | |
| Cuban movement: | | | | | | | | | | | | | | | | |
| Receipts at Cuban ports.....long tons.. | 68,671 | 9,920 | 46,013 | 3,862,448 | 3,411,380 | − 11.7 | 1919 | 19 | 14 | 20 | 19 | 21 | 3 | − 85.6 | | |
| Exports.....long tons.. | 244,986 | 83,151 | 191,160 | 3,924,467 | 3,405,474 | − 13.2 | 1919 | 59 | 69 | 46 | 64 | 75 | 26 | − 66.1 | | |
| Stocks, end of month.....long tons.. | 86,266 | 31,246 | 49,495 | ..... | ..... | ..... | 1919 | 36 | 8 | 67 | 44 | 13 | 5 | − 63.8 | | |
| Coffee. | | | | | | | | | | | | | | | | |
| Imports.....thous. of lbs.. | 141,336 | 164,947 | 121,737 | 1,115,025 | 1,264,669 | + 13.4 | 1909-13 | 177 | 161 | 96 | 154 | 187 | 218 | + 16.7 | | |
| Visible supply (1st of following mo.): | | | | | | | | | | | | | | | | |
| World.....thous. of bags.. | 5,325 | 4,694 | 8,242 | ..... | ..... | ..... | 1913 | 72 | 70 | 49 | 49 | 45 | 40 | − 11.8 | | |
| United States.....thous. of bags.. | 944 | 884 | 957 | ..... | ..... | ..... | 1913 | 44 | 51 | 38 | 50 | 50 | 47 | − 6.4 | | |
| Receipts, total, Brazil.....thous. of bags.. | 1,265 | 1,189 | 993 | 9,730 | 9,783 | + 0.5 | 1913 | 108 | 104 | 133 | 132 | 132 | 125 | − 6.0 | | |
| Clearances: | | | | | | | | | | | | | | | | |
| Total, Brazil, for world.....thous. of bags.. | 1,812 | 1,371 | 1,175 | 11,467 | 12,806 | + 11.7 | 1913 | 154 | 119 | 156 | 168 | 183 | 138 | − 24.3 | | |
| Total, Brazil, for U. S.....thous. of bags.. | 968 | 748 | 738 | 5,171 | 6,747 | + 30.5 | 1913 | 212 | 188 | 204 | 226 | 246 | 190 | − 22.7 | | |
| Tea. | | | | | | | | | | | | | | | | |
| Imports.....thous. of lbs.. | 14,259 | 12,287 | 10,239 | 88,070 | 93,405 | + 6.1 | 1909-13 | 216 | 124 | 116 | 157 | 173 | 149 | − 13.8 | | |
| TOBACCO. | | | | | | | | | | | | | | | | |
| Consumption (tax-paid withdrawals): | | | | | | | | | | | | | | | | |
| Large cigars.....millions.. | 712 | 651 | 679 | 6,332 | 6,508 | + 2.8 | 1913 | 110 | 108 | 98 | 95 | 113 | 103 | − 8.4 | | |
| Small cigarettes.....millions.. | 6,277 | 5,361 | 4,524 | 50,020 | 60,023 | + 20.0 | 1913 | 347 | 349 | 452 | 429 | 484 | 414 | − 14.6 | | |
| Manufactured tobacco and snuff.....thous. of lbs.. | 36,382 | 33,330 | 33,838 | 393,872 | 385,867 | − 2.0 | 1913 | 97 | 91 | 98 | 92 | 98 | 90 | − 8.3 | | |
| Exports: | | | | | | | | | | | | | | | | |
| Unmanufactured leaf.....thous. of lbs.. | 46,927 | 53,734 | 39,787 | 393,925 | 441,499 | + 12.1 | 1909-13 | 186 | 127 | 109 | 123 | 149 | 171 | + 14.5 | | |
| Cigarettes.....millions.. | 1,022 | 953 | 856 | 10,627 | 11,257 | + 5.9 | 1913 | 561 | 443 | 480 | 632 | 529 | 496 | − 6.3 | | |
| Sales at loose-leaf warehouses.....thous. of lbs.. | 82,222 | 98,317 | 58,241 | 428,649 | 409,843 | − 4.4 | 1919 | 102 | 71 | 46 | 86 | 100 | 120 | + 19.6 | | |
| Price, wholesale, Burley good leaf, dark red, Louisville.....dolls. per 100 lbs.. | 28.00 | 28.00 | 27.50 | ..... | ..... | ..... | 1913 | 208 | 208 | 212 | 212 | 212 | 212 | 0.0 | | |
| TRANSPORTATION. | | | | | | | | | | | | | | | | |
| River and Canal Cargo Traffic. | | | | | | | | | | | | | | | | |
| Panama Canal: | | | | | | | | | | | | | | | | |
| Total cargo traffic.....thous. of long tons.. | 2,128 | 2,218 | 1,427 | 12,175 | 22,663 | + 86.1 | 1915 | 355 | 350 | 532 | 532 | 522 | 545 | + 4.2 | | |
| In American vessels.....thous. of long tons.. | 1,428 | 1,431 | 651 | 5,676 | 14,492 | + 155.3 | 1915 | 356 | 357 | 827 | 759 | 783 | 785 | + 0.2 | | |
| In British vessels.....thous. of long tons.. | 432 | 479 | 379 | 3,610 | 4,741 | + 31.3 | 1915 | 236 | 206 | 208 | 243 | 236 | 251 | + 10.9 | | |
| Sault Ste. Marie Canal.....thous. of short tons.. | 13,003 | 10,706 | 9,468 | 63,591 | 89,622 | + 40.9 | 1913 | 113 | 95 | 144 | 128 | 130 | 107 | − 17.7 | | |
| New York State canals.....thous. of short tons.. | 348 | 220 | 338 | 1,837 | 2,181 | + 18.9 | 1913 | 77 | 91 | 150 | 71 | 94 | 62 | − 34.2 | | |
| Cape Cod Canal.....thous. of short tons.. | 82,998 | 132,834 | 135,096 | 1,094,335 | 1,312,195 | + 19.9 | 1916 | 118 | 130 | 99 | 76 | 80 | 127 | + 60.0 | | |
| Mississippi River: | | | | | | | | | | | | | | | | |
| Receipts at St. Louis.....short tons.. | 18,885 | 18,025 | 15,260 | 158,145 | 134,925 | − 14.7 | 1913 | 80 | 87 | 88 | 76 | 107 | 102 | − 4.6 | | |
| Shipments from St. Louis.....short tons.. | 16,615 | 19,390 | 12,535 | 178,815 | 243,700 | + 36.3 | 1913 | 119 | 316 | 1,194 | 682 | 419 | 459 | + 16.7 | | |
| Government barge line.....tons.. | 55,210 | ..... | 124,134 | 543,476 | 605,364 | + 11.4 | 1919 | 276 | 170 | 921 | 625 | 632 | ..... | ..... |  |  |
| Ohio River, Pittsburgh to Lock 11.....short tons.. | 547,931 | 648,594 | 579,775 | 3,099,385 | 5,970,283 | + 92.6 | 1922 | 201 | 194 | 316 | 189 | 183 | 217 | + 18.4 | | |
| † October, 1922. | | | | | | | | | | | | | | | | |

† October, 1922.

TREND OF BUSINESS MOVEMENTS—Continued.

| NOTE.—Items marked with an asterisk (*) have not been published previously in the SURVEY or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the SURVEY (No. 27). In many cases December figures are now available and may be found in the special table on page 23. | NUMERICAL DATA. | | | | | Percent increase (+) or decrease (—) cumulative 1923 from 1922. | BASE YEAR OR PERIOD. | INDEX NUMBERS. | | | | | | Percent increase (+) or decrease (—) Nov. from Oct. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|------------------------------------------------|----------------------------------------|-----------|-----------------------------------------------------------------|----------------------|----------------|-------|------|-------|------|------|-----------------------------------------------------|
| | October, 1923: | November, 1923: | Corresponding month October or November, 1922. | CUMULATIVE TOTAL THROUGH LATEST MONTH. | | | | 1922 | | 1923 | | | | |
| | | | | 1922 | 1923 | | | Oct. | Nov. | Aug. | Sept. | Oct. | Nov. | |
| TRANSPORTATION—Continued. | | | | | | | | | | | | | | |
| Ocean Transportation. | | | | | | | | | | | | | | |
| Entrances, vessels in foreign trade: | | | | | | | | | | | | | | |
| Total.....thous. of net tons.. | 6,156 | 5,618 | 5,915 | 60,062 | 60,923 | + 1.4 | 1913 | 142 | 133 | 148 | 128 | 139 | 127 | — 8.7 |
| American.....thous. of net tons.. | 2,789 | 2,719 | 3,193 | 29,176 | 25,205 | — 13.6 | 1913 | 289 | 272 | 209 | 192 | 238 | 232 | — 2.5 |
| Foreign.....thous. of net tons.. | 3,367 | 2,899 | 2,722 | 30,886 | 34,719 | + 12.4 | 1913 | 89 | 83 | 126 | 105 | 103 | 89 | — 13.9 |
| Clearances, vessels in foreign trade: | | | | | | | | | | | | | | |
| Total.....thous. of net tons.. | 5,992 | 5,848 | 6,245 | 59,964 | 61,709 | + 2.9 | 1913 | 137 | 139 | 149 | 133 | 134 | 132 | — 2.4 |
| American.....thous. of net tons.. | 2,688 | 2,885 | 3,446 | 29,533 | 25,703 | — 13.0 | 1913 | 269 | 276 | 205 | 195 | 215 | 231 | + 7.3 |
| Foreign.....thous. of net tons.. | 3,304 | 2,963 | 2,799 | 30,431 | 66,435 | +118.3 | 1913 | 86 | 87 | 128 | 100 | 102 | 92 | — 10.3 |
| Freight rates, Atlantic ports to: | | | | | | | | | | | | | | |
| United Kingdom, weighted index number.. | | | | | | | 1920 | 25.3 | 28.0 | 20.1 | 20.8 | 23.4 | 28.6 | + 22.2 |
| All Europe.....weighted index number.. | | | | | | | 1920 | 22.7 | 24.0 | 20.0 | 20.7 | 22.9 | 25.1 | + 9.6 |
| Freight Cars. | | | | | | | | | | | | | | |
| Surplus (daily av. last week of month): | | | | | | | | | | | | | | |
| Box.....number.. | 15,116 | 53,962 | 859 | | | | 1919 | (19) | 1 | 62 | 37 | 18 | 66 | +257.0 |
| Coal.....number.. | 7,205 | 80,756 | 2,026 | | | | 1919 | 2 | 3 | 5 | 7 | 10 | 107 | +1020.8 |
| Total.....number.. | 24,477 | 153,057 | 5,595 | | | | 1919 | 2 | 3 | 35 | 22 | 13 | 81 | +525.3 |
| Shortage (daily av. last week of month): | | | | | | | | | | | | | | |
| Box.....number.. | 3,943 | 319 | 67,468 | | | | 1919 | 479 | 355 | 13 | 36 | 21 | 17 | — 91.9 |
| Coal.....number.. | 3,068 | 605 | 42,848 | | | | 1919 | 1,126 | 1,020 | 116 | 130 | 73 | 14 | — 80.0 |
| Total.....number.. | 12,336 | 1,336 | 133,786 | | | | 1919 | 741 | 553 | 39 | 63 | 51 | 6 | — 89.2 |
| Cars in bad order: | | | | | | | | | | | | | | |
| Total.....cars.. | 150,624 | 155,626 | 249,960 | | | | 1913 | 166 | 150 | 116 | 100 | 100 | 103 | + 3.3 |
| Ratio to total in use.....per cent.. | 6.6 | 6.8 | 11.0 | | | | 1913 | 162 | 146 | 113 | 99 | 97 | 100 | + 3.0 |
| Car loadings (weekly average): | | | | | | | | | | | | | | |
| Total.....cars.. | 1,073,085 | 976,615 | 947,373 | | | | 1919 | 124 | 118 | 130 | 130 | 134 | 122 | — 9.0 |
| Grain and grain products.....cars.. | 49,428 | 49,890 | 53,076 | | | | 1919 | 134 | 136 | 134 | 129 | 127 | 123 | + 0.9 |
| Livestock.....cars.. | 43,755 | 39,969 | 38,853 | | | | 1919 | 122 | 118 | 104 | 120 | 133 | 121 | — 8.6 |
| Coal.....cars.. | 191,677 | 176,233 | 195,890 | | | | 1919 | 110 | 111 | 109 | 101 | 108 | 100 | — 8.1 |
| Forest products.....cars.. | 74,023 | 72,298 | 61,813 | | | | 1919 | 105 | 109 | 134 | 128 | 130 | 127 | — 2.3 |
| Ore.....cars.. | 59,340 | 35,697 | 28,987 | | | | 1919 | 125 | 77 | 215 | 196 | 159 | 95 | — 39.8 |
| Merchandise and miscellaneous.....cars.. | 642,876 | 592,314 | 556,176 | | | | 1919 | 124 | 118 | 125 | 129 | 136 | 125 | — 7.9 |
| Railroad Operations. | | | | | | | | | | | | | | |
| Revenue: | | | | | | | | | | | | | | |
| Freight.....thous. of dolls.. | 441,661 | 395,599 | 389,911 | 3,644,805 | 4,279,447 | + 17.4 | 1913 | 230 | 220 | 227 | 221 | 250 | 224 | — 10.4 |
| Passengers.....thous. of dolls.. | 93,778 | 87,182 | 84,829 | 977,608 | 1,046,579 | + 7.0 | 1913 | 157 | 147 | 196 | 184 | 163 | 151 | — 7.1 |
| Total, operating.....thous. of dolls.. | 587,867 | 531,508 | 523,608 | 5,105,916 | 5,851,306 | + 14.6 | 1913 | 216 | 205 | 217 | 214 | 230 | 208 | — 9.6 |
| Operating expense.....thous. of dolls.. | 445,885 | 406,582 | 405,845 | 4,051,867 | 4,555,011 | + 12.4 | 1913 | 236 | 223 | 235 | 229 | 245 | 224 | — 8.8 |
| Net operating income: | | | | | | | | | | | | | | |
| Total.....thous. of dolls.. | 102,934 | 86,131 | 83,223 | 697,843 | 908,366 | + 30.2 | 1913 | 142 | 139 | 164 | 154 | 172 | 144 | — 16.3 |
| Per cent on tentative valuation.....per cent.. | 4.79 | 4.68 | 4.46 | | | | 1913 | 79 | 87 | 96 | 87 | 93 | 91 | — 2.3 |
| Receipts per ton-mile.....cents. | | | | | | | 1919 | 156 | 156 | 154 | 153 | | | |
| Freight carried.....mills. of ton-miles.. | 42,209 | 38,159 | 38,077 | | | | 1919 | 144 | 139 | 148 | 144 | 154 | 140 | — 9.6 |
| Locomotives in bad order, 1st of following month, per cent to total in use: | | | | | | | | | | | | | | |
| Freight.....per cent.. | 16.4 | 17.4 | 29.4 | | | | 1919 | 111 | 108 | 66 | 60 | 61 | 64 | + 6.1 |
| Passenger.....per cent.. | 17.8 | 17.6 | 28.9 | | | | 1919 | 111 | 109 | 63 | 63 | 67 | 66 | — 1.1 |
| Passenger Travel. | | | | | | | | | | | | | | |
| Railroads: | | | | | | | | | | | | | | |
| Pullman passengers carried.....thousands.. | 2,837 | 2,551 | 2,440 | 29,023 | 31,433 | + 8.3 | 1913 | 131 | 118 | 167 | 158 | 137 | 123 | — 10.1 |
| Arrivals from abroad: | | | | | | | | | | | | | | |
| Aliens.....number.. | 103,518 | | 171,192 | 413,580 | 732,534 | + 77.1 | 1913 | 60 | 56 | 86 | 91 | 87 | | |
| United States citizens.....number.. | 27,553 | | 134,678 | 253,582 | 229,481 | — 9.5 | 1913 | 141 | 96 | 136 | 84 | 112 | | |
| Departures for abroad: | | | | | | | | | | | | | | |
| Aliens.....number.. | 21,147 | | 117,847 | 206,198 | 157,521 | — 23.6 | 1913 | 35 | 34 | 37 | 32 | 41 | | |
| United States citizens.....number.. | 18,104 | | 119,846 | 259,389 | 228,903 | — 11.8 | 1913 | 65 | 51 | 92 | 64 | 60 | | |
| PUBLIC UTILITIES. | | | | | | | | | | | | | | |
| Telephone companies: | | | | | | | | | | | | | | |
| Operating revenues.....thous. of dolls.. | 45,979 | 45,314 | 41,691 | 439,961 | 483,132 | + 9.8 | 1913 | 319 | 317 | 334 | 334 | 350 | 345 | — 1.4 |
| Operating income.....thous. of dolls.. | 9,994 | 9,945 | 8,767 | 97,338 | 110,015 | + 13.0 | 1913 | 273 | 236 | 231 | 246 | 269 | 268 | — 0.5 |
| Telegraph companies: | | | | | | | | | | | | | | |
| Commercial telegraph tolls.....thous. of dolls.. | 9,728 | 8,848 | 8,678 | 92,428 | 99,472 | + 7.6 | 1919 | 126 | 114 | 123 | 121 | 128 | 116 | — 9.0 |
| Operating revenues.....thous. of dolls.. | 12,096 | 10,179 | 10,885 | 116,447 | 122,858 | + 5.5 | 1919 | 117 | 108 | 113 | 113 | 120 | 109 | — 9.2 |
| Operating income.....thous. of dolls.. | 1,926 | 1,505 | 1,636 | 18,095 | 17,670 | + 2.3 | 1919 | 129 | 100 | 100 | 102 | 118 | 92 | — 21.9 |
| Central electric stations: | | | | | | | | | | | | | | |
| Production, electric power— | | | | | | | | | | | | | | |
| Total.....mills. of kw. hours.. | * 4,944 | 4,842 | 4,414 | 43,091 | 50,984 | + 18.3 | 1919 | 134 | 136 | 144 | 140 | 152 | 149 | — 2.1 |
| By water power.....mills. of kw. hours.. | * 1,476 | 1,516 | 1,367 | 15,834 | 17,949 | + 13.4 | 1919 | 111 | 112 | 129 | 120 | 121 | 125 | + 2.7 |
| By fuels.....mills. of kw. hours.. | * 3,468 | 3,327 | 3,047 | 27,257 | 33,034 | + 21.2 | 1919 | 147 | 150 | 153 | 151 | 171 | 164 | — 4.1 |
| Consumption of fuels | | | | | | | | | | | | | | |
| Coal.....thous. of short tons.. | * 3,573 | 3,460 | 3,358 | 30,585 | 35,472 | + 15.9 | 1919 | 112 | 115 | 110 | 108 | 122 | 118 | — 3.2 |
| Oil.....thous. of barrels.. | * 1,380 | 1,349 | 1,240 | 11,886 | 13,183 | + 10.9 | 1919 | 142 | 135 | 147 | 144 | 150 | 146 | — 2.2 |
| Gas.....millions of cu. ft.. | * 2,883 | 2,201 | 2,383 | 25,245 | 28,919 | + 14.6 | 1919 | 159 | 134 | 189 | 179 | 162 | 123 | — 23.7 |
| Gross revenue, sales.....thous. of dolls.. | 114,700 | | 193,100 | 886,100 | 1,071,300 | + 20.9 | 1919 | 377 | 405 | 386 | 411 | 441 | | |

* Revised.

† Index number less than 1.

† October, 1922.

TREND OF BUSINESS MOVEMENTS—Continued.

Note.—Items marked with an asterisk (*) have not been published previously in the Survey or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the Survey (No. 27).

In many cases December figures are now available and may be found in the special table on page 23.

| NOTE.—Items marked with an asterisk (*) have not been published previously in the SURVEY or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the SURVEY (No. 27). | NUMERICAL DATA. | | | | | Per cent increase (+) or decrease (—) cumulative 1923 from 1922. | BASE YEAR OR PERIOD. | INDEX NUMBERS. | | | | | | Per cent increase (+) or decrease (—) Nov. from Oct. | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------|------------------------------------------------|----------------------------------------|-----------|------------------------------------------------------------------|----------------------|----------------|-------|-------|-------|-------|-------|------------------------------------------------------|--------|
| | October, 1923. | November, 1923. | Corresponding month October or November, 1922. | CUMULATIVE TOTAL THROUGH LATEST MONTH. | | | | 1922 | | 1923 | | | | | |
| | | | | 1922 | 1923 | | | Oct. | Nov. | Aug. | Sept. | Oct. | Nov. | | |
| In many cases December figures are now available and may be found in the special table on page 23. | | | | | | | | | | | | | | | |
| EMPLOYMENT. | | | | | | | | | | | | | | | |
| Number employed, by industries: | | | | | | | | | | | | | | | |
| Total, 1,428 firms..... | thousands.. | 2,026 | 2,016 | 1,862 | | | 1921 | 116.7 | 113.4 | 130.3 | 130.2 | 129.9 | 129.3 | — 0.5 | |
| Food products..... | number.. | 151,951 | 149,510 | 146,315 | | | 1921 | 109.2 | 111.4 | 111.0 | 110.5 | 115.8 | 113.9 | — 1.6 | |
| Textiles..... | number.. | 259,582 | 262,437 | 261,620 | | | 1921 | 99.8 | 102.4 | 104.0 | 105.4 | 101.6 | 102.7 | + 1.1 | |
| Iron and steel..... | number.. | 521,244 | 505,351 | 464,563 | | | 1921 | 129.2 | 132.9 | 151.1 | 149.0 | 149.0 | 144.8 | + 2.9 | |
| Lumber..... | number.. | 23,678 | 23,853 | 27,720 | | | 1921 | 115.6 | 119.0 | 125.0 | 123.0 | 123.9 | 123.9 | + 0.6 | |
| Leather..... | number.. | 57,403 | 56,054 | 58,345 | | | 1921 | 111.4 | 117.6 | 116.5 | 115.6 | 115.7 | 113.0 | + 2.4 | |
| Paper and printing..... | number.. | 55,210 | 56,253 | 54,703 | | | 1921 | 106.2 | 109.6 | 111.9 | 110.3 | 110.6 | 112.7 | + 1.9 | |
| Beverages..... | number.. | 1,005 | 1,004 | 665 | | | 1921 | 46.7 | 46.0 | 82.3 | 80.6 | 69.5 | 69.4 | — 0.1 | |
| Chemicals..... | number.. | 89,386 | 88,498 | 85,679 | | | 1921 | 112.3 | 114.2 | 118.8 | 117.5 | 119.1 | 118.0 | + 1.0 | |
| Stone, clay and glass..... | number.. | 20,323 | 21,322 | 17,600 | | | 1921 | 133.1 | 127.4 | 154.9 | 155.0 | 147.2 | 154.4 | + 4.9 | |
| Metals, exc. iron and steel..... | number.. | 106,741 | 108,305 | 99,946 | | | 1921 | 127.3 | 131.6 | 138.6 | 141.0 | 140.6 | 142.6 | + 1.5 | |
| Tobacco products..... | number.. | 29,996 | 30,928 | 31,146 | | | 1921 | 104.1 | 103.4 | 95.5 | 98.1 | 99.6 | 102.7 | + 3.1 | |
| Vehicles..... | number.. | 304,864 | 304,220 | 257,502 | | | 1921 | 162.7 | 166.3 | 198.7 | 197.5 | 196.9 | 196.5 | — 0.2 | |
| Railway repair shops..... | number.. | 73,653 | 72,634 | 66,503 | | | 1921 | 107.4 | 109.0 | 123.6 | 123.6 | 120.7 | 119.0 | + 1.4 | |
| Miscellaneous..... | number.. | 325,809 | 323,268 | 290,126 | | | 1921 | 99.3 | 100.9 | 111.4 | 112.9 | 113.3 | 114.5 | + 1.1 | |
| Number employed, State and city reports: | | | | | | | | | | | | | | | |
| New York State..... | thousands.. | 556 | 548 | 540 | | | 1914 | 110 | 113 | 114 | 115 | 116 | 115 | — 1.4 | |
| Detroit..... | thousands.. | 215 | 212 | 181 | | | 1920 | 99 | 102 | 119 | 121 | 121 | 120 | — 1.4 | |
| Wisconsin..... | index number | | | | | | 1915 | 111.1 | 116.4 | 126.7 | 123.1 | 120.9 | 120.7 | — 0.2 | |
| Illinois..... | index number | | | | | | 1922 | 104 | 105 | 109 | 108 | 108 | 108 | 0.0 | |
| Massachusetts..... | index number | | | | | | Sept. '22 | 101.9 | 105.1 | 99.4 | 98.9 | 100.7 | 99.2 | + 1.5 | |
| Total pay roll: | | | | | | | | | | | | | | | |
| New York State..... | thous. of dolls.. | 15,406 | 15,145 | 14,061 | | | 1914 | 227 | 237 | 249 | 253 | 259 | 239 | — 1.7 | |
| Wisconsin..... | index number | | | | | | 1915 | 229.2 | 247.1 | 280.1 | 272.2 | 276.0 | 275.2 | — 0.3 | |
| Average weekly earnings: | | | | | | | | | | | | | | | |
| New York State..... | dolls.. | 27.73 | 27.64 | 26.04 | | | 1914 | 205 | 209 | 217 | 220 | 222 | 218 | — 0.3 | |
| Wisconsin..... | index number | | | | | | 1915 | 206.3 | 212.3 | 221.2 | 221.2 | 228.5 | 228.3 | — 0.1 | |
| Massachusetts..... | index number | | | | | | Sept. '22 | 9.56 | 103.1 | 110.0 | 114.1 | 111.7 | 110.6 | + 1.0 | |
| Railway employment: | | | | | | | | | | | | | | | |
| Number employed..... | thous.. | 1,936 | | † 1,804 | 16,133 | | 1916 | 104 | 110 | 120 | 118 | 118 | | | |
| Hourly compensation..... | dollars.. | .611 | | † .603 | | | 1916 | 220 | 218 | 220 | 225 | 221 | | | |
| Employment agency operations: | | | | | | | | | | | | | | | |
| Workers registered..... | number.. | 209,097 | 163,328 | 209,490 | 2,493,734 | 2,135,785 | † 1921 | 120 | 104 | 106 | 86 | 118 | 81 | — 21.9 | |
| Jobs registered..... | number.. | 220,504 | 128,129 | 188,323 | 2,092,127 | 2,025,554 | † 1921 | 212 | 161 | 176 | 153 | 189 | 110 | — 41.9 | |
| Workers placed..... | number.. | 175,108 | 107,610 | 149,962 | 1,623,635 | 1,610,995 | † 1921 | 199 | 159 | 176 | 145 | 185 | 114 | — 38.5 | |
| Average applicants per job..... | number.. | 1.08 | 1.27 | 1.11 | | | † 1921 | 56 | 64 | 60 | 56 | 62 | 72 | + 17.6 | |
| DISTRIBUTION MOVEMENT. | | | | | | | | | | | | | | | |
| Mail-order houses: | | | | | | | | | | | | | | | |
| Total sales..... | thous. of dolls.. | 37,743 | 34,528 | 31,201 | 243,254 | 314,322 | + 29.2 | 1913 | 268 | 277 | 198 | 231 | 335 | 306 | — 8.5 |
| Sears, Roebuck & Co..... | thous. of dolls.. | 22,577 | 20,416 | 20,197 | 161,409 | 194,742 | + 20.7 | 1913 | 250 | 254 | 175 | 202 | 283 | 256 | — 9.6 |
| Montgomery Ward & Co..... | thous. of dolls.. | 15,166 | 14,112 | 11,004 | 80,845 | 119,580 | + 47.9 | 1913 | 311 | 332 | 255 | 301 | 458 | 426 | — 6.9 |
| Ten-cent stores: | | | | | | | | | | | | | | | |
| Total sales..... | thous. of dolls.. | 30,193 | 29,387 | 25,314 | 233,846 | 275,422 | + 17.8 | 1913 | 326 | 318 | 321 | 316 | 379 | 369 | — 2.7 |
| F. W. Woolworth Co..... | thous. of dolls.. | 18,085 | 17,283 | 14,835 | 139,744 | 160,820 | + 15.1 | 1913 | 286 | 299 | 271 | 268 | 323 | 313 | — 4.4 |
| S. S. Kresge Co..... | thous. of dolls.. | 7,246 | 7,508 | 6,313 | 54,676 | 68,773 | + 25.8 | 1913 | 545 | 571 | 574 | 572 | 656 | 679 | + 3.6 |
| McTear's Stores Corp..... | thous. of dolls.. | 1,877 | 1,827 | 1,585 | 14,104 | 17,786 | + 26.1 | 1913 | 319 | 352 | 383 | 371 | 417 | 406 | — 2.7 |
| S. H. Kress & Co..... | thous. of dolls.. | 2,985 | 2,760 | 2,580 | 25,172 | 28,043 | + 11.4 | 1913 | 311 | 288 | 281 | 271 | 332 | 308 | — 7.2 |
| Restaurant chains: | | | | | | | | | | | | | | | |
| Total sales, 2 chains..... | thous. of dolls.. | 3,201 | 3,006 | 2,859 | 29,932 | 33,236 | + 11.0 | 1920 | 114 | 109 | 121 | 122 | 125 | 117 | — 6.1 |
| Stores operated..... | number.. | 209 | 209 | 195 | | | | | | | | | | | 0.0 |
| Child's Co..... | thous. of dolls.. | 2,040 | 1,918 | 1,831 | 19,420 | 21,114 | + 8.7 | 1913 | 270 | 258 | 288 | 284 | 287 | 270 | — 6.0 |
| Waldorf system..... | thous. of dolls.. | 1,161 | 1,088 | 1,028 | 10,512 | 12,122 | + 15.3 | 1920 | 134 | 130 | 144 | 150 | 154 | 145 | — 6.4 |
| Chain stores: | | | | | | | | | | | | | | | |
| J. C. Penney Co..... | thous. of dolls.. | 7,592 | 7,196 | 5,717 | 42,739 | 53,715 | + 25.7 | 1913 | 2,696 | 2,599 | 1,950 | 2,782 | 3,451 | 3,271 | — 5.2 |
| United Cigar Stores Co..... | thous. of dolls.. | 6,355 | 6,158 | 6,025 | 64,559 | 66,523 | + 3.0 | 1913 | 246 | 244 | 254 | 260 | 258 | 250 | — 3.1 |
| A. Schulte (Inc.)..... | thous. of dolls.. | 1,765 | 1,681 | 1,412 | 14,892 | 17,458 | + 21.3 | 1919 | 204 | 210 | 249 | 265 | 263 | 250 | — 4.8 |
| Jones Bros. Tea Co..... | thous. of dolls.. | 1,979 | 1,923 | 1,448 | 15,711 | 18,825 | + 19.8 | 1913 | 173 | 177 | 225 | 234 | 242 | 235 | — 2.8 |
| Owl Drug Co..... | thous. of dolls.. | 1,169 | 894 | 820 | 9,621 | 10,328 | + 7.3 | 1913 | 335 | 252 | 299 | 278 | 360 | 275 | — 23.5 |
| American Wholesale Corp., | | | | | | | | | | | | | | | |
| total sales..... | thous. of dolls.. | 3,583 | 2,879 | 2,763 | 28,172 | 30,897 | + 9.7 | 1913 | 237 | 202 | 231 | 234 | 262 | 211 | — 19.6 |
| Candy sales by manufacturers..... | thous. of dolls.. | 36,807 | 39,767 | 33,990 | 322,762 | 341,923 | + 5.9 | 1920 | 86 | 86 | 58 | 54 | 93 | 100 | + 8.0 |
| Magazine advertising | | | | | | | | | | | | | | | |
| (for following month)..... | thous. of lines.. | 2,247 | 2,109 | 1,817 | 18,881 | 23,437 | + 24.1 | 1913 | 156 | 153 | 145 | 185 | 184 | 172 | — 6.1 |
| Newspaper advertising..... | thous. of lines.. | 109,293 | 105,588 | 100,877 | 992,797 | 1,068,000 | + 7.6 | 1919 | 126 | 120 | 96 | 111 | 130 | 126 | — 3.4 |
| Postal receipts | | | | | | | | | | | | | | | |
| total (50 cities)..... | thous. of dolls.. | 27,235 | 26,531 | 24,812 | 245,664 | 269,073 | + 9.8 | 1919 | 135 | 135 | 123 | 127 | 148 | 144 | — 2.6 |
| Money orders: | | | | | | | | | | | | | | | |
| Domestic paid (50 cities)— | | | | | | | | | | | | | | | |
| Quantity..... | number.. | 11,319 | 10,945 | 10,267 | 100,547 | 112,703 | + 12.1 | 1919 | 132 | 132 | 116 | 117 | 146 | 141 | — 3.3 |
| Value..... | thous. of dolls.. | 93,284 | 87,639 | 80,246 | 738,064 | 855,643 | + 15.9 | 1919 | 125 | 123 | 108 | 112 | 143 | 134 | — 6.1 |
| Domestic issued (50 cities)— | | | | | | | | | | | | | | | |
| Quantity..... | number.. | 2,839 | 2,775 | 2,385 | 25,286 | 28,063 | + 14.5 | 1919 | 127 | 126 | 129 | 128 | 150 | 146 | — 2.3 |
| Value..... | thous. of dolls.. | 29,999 | 28,974 | 25,048 | 266,916 | 304,246 | + 14.0 | 1919 | 117 | 115 | 123 | 120 | 138 | 133 | — 3.4 |
| Foreign issued..... | thous. of dolls.. | 5,310 | 4,541 | 2,427 | 18,206 | 36,164 | + 98.6 | 1919 | 71 | 82 | 119 | 119 | 179 | 153 | — 14.5 |
| Internal-revenue taxes collected: | | | | | | | | | | | | | | | |
| Theater admissions..... | thous. of dolls.. | 7,000 | 6,849 | 5,485 | 60,410 | 67,804 | + 12.2 | 1919 | 100 | 101 | 103 | 91 | 129 | 127 | — 2.2 |
| Firearms and shells..... | thous. of dolls.. | 227 | 502 | 639 | 3,568 | 4,015 | + 12.5 | 1919 | 174 | 199 | 108 | 161 | 71 | 157 | +121.1 |
| Jewelry, watches and | | | | | | | | | | | | | | | |
| clocks..... | thous. of dolls.. | 1,643 | 1,653 | 1,327 | 17,265 | 20,200 | + 17.0 | 1919 | 101 | 111 | 129 | 97 | 137 | 138 | + 0.6 |
| Bond and stock issues | | | | | | | | | | | | | | | |
| and conveyances..... | thous. of dolls.. | 3,565 | 3,413 | 3,340 | 35,348 | 42,344 | + 19.8 | 1919 | 90 | 93 | 96 | 87 | 100 | 95 | — 4.3 |
| Capital stock transfers..... | thous. of dolls.. | 515 | 550 | 932 | 9,116 | 7,866 | — 13.7 | 1919 | 78 | 92 | 48 | 43 | 51 | 55 | + 8.5 |

* Revised.

† Six months' average, July to December, inclusive.

† October, 1922.

TREND OF BUSINESS MOVEMENTS—Continued.

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|------------------------------------------------|----------------------------------------|-----------|------------------------------------------------------------------|----------------------|----------------|-------|-------|-------|-------|-------|------------------------------------------------------|
| | October, 1923. | November, 1923. | Corresponding month October or November, 1922. | CUMULATIVE TOTAL THROUGH LATEST MONTH. | | | | 1922 | | 1923 | | | | |
| | | | | 1922 | 1923 | | | Oct. | Nov. | Aug. | Sept. | Oct. | Nov. | |
| PUBLIC FINANCE. | | | | | | | | | | | | | | |
| Government debt: | | | | | | | | | | | | | | |
| Interest-bearing.....mills. of dolls.. | 21,800 | 21,780 | 22,709 | | | | ²⁰ 1919 | 90 | 90 | 87 | 87 | 86 | 86 | — 0.1 |
| Total gross debt.....mills. of dolls.. | 22,082 | 22,055 | 22,964 | | | | ²⁰ 1919 | 91 | 90 | 87 | 87 | 87 | 87 | — 0.1 |
| Customs receipts.....thous. of dolls.. | 51,713 | 46,565 | 41,647 | 420,857 | 541,818 | + 28.7 | ²¹ 1913 | 151 | 157 | 160 | 169 | 165 | 176 | —10.0 |
| Total ordinary receipts.....thous. of dolls.. | 230,261 | 190,844 | 226,974 | 3,199,419 | 3,529,216 | + 10.3 | ²¹ 1913 | 499 | 376 | 390 | 880 | 382 | 316 | —17.1 |
| Expenditures chargeable to ordinary receipts.....thous. of dolls.. | 426,548 | 256,287 | 254,233 | 3,212,559 | 3,317,364 | + 3.3 | ²¹ 1913 | 771 | 421 | 388 | 521 | 706 | 421 | — 39.9 |
| Money in circulation: | | | | | | | | | | | | | | |
| Total.....mills. of dolls.. | 4,835 | 4,923 | 4,617 | | | | ²⁰ 1919 | 95 | 96 | 100 | 101 | 101 | 103 | + 1.8 |
| Per capita.....dollars.. | 43.27 | 44.01 | 41.80 | | | | ²⁰ 1919 | 92 | 93 | 95 | 96 | 96 | 97 | + 1.7 |
| BANKING AND FINANCE. | | | | | | | | | | | | | | |
| Banking. | | | | | | | | | | | | | | |
| Debits to individual accounts: | | | | | | | | | | | | | | |
| New York City.....mills. of dolls.. | 19,152 | 19,983 | 19,027 | 219,003 | 216,314 | — 1.2 | 1919 | 110 | 94 | 80 | 83 | 94 | 98 | + 4.3 |
| Outside New York City.....mills. of dolls.. | 19,747 | 18,521 | 17,098 | 183,687 | 205,789 | + 12.0 | 1919 | 105 | 98 | 99 | 98 | 113 | 106 | — 6.2 |
| Bank clearings: | | | | | | | | | | | | | | |
| New York City.....mills. of dolls.. | 17,730 | 18,048 | 17,332 | 194,499 | 199,001 | + 2.3 | 1913 | 249 | 220 | 187 | 191 | 225 | 229 | + 1.8 |
| Outside New York City.....mills. of dolls.. | 16,377 | 15,304 | 14,346 | 143,307 | 165,542 | + 15.5 | 1913 | 267 | 245 | 242 | 242 | 285 | 266 | — 6.6 |
| Federal Reserve Banks: | | | | | | | | | | | | | | |
| Bills discounted.....mills. of dolls.. | 884 | 794 | 650 | | | | 1919 | 24 | 34 | 42 | 45 | 46 | 41 | — 10.2 |
| Notes in circulation.....mills. of dolls.. | 2,225 | 2,246 | 2,330 | | | | 1919 | 88 | 89 | 85 | 86 | 85 | 86 | + 0.9 |
| Total investments.....mills. of dolls.. | 297 | 373 | 564 | | | | 1919 | 113 | 95 | 45 | 45 | 50 | 63 | + 25.6 |
| Total reserves.....mills. of dolls.. | 3,191 | 3,197 | 3,203 | | | | 1919 | 147 | 146 | 146 | 145 | 146 | 146 | + 0.2 |
| Total deposits.....mills. of dolls.. | 1,959 | 1,939 | 1,860 | | | | 1919 | 95 | 96 | 99 | 100 | 101 | 100 | — 1.0 |
| Reserve ratio.....per cent.. | 76.3 | 76.4 | 76.4 | | | | 1919 | 155 | 152 | 154 | 152 | 152 | 152 | 0.0 |
| Federal Reserve member banks: | | | | | | | | | | | | | | |
| Total loans and discounts.....mills. of dolls.. | 11,943 | 11,904 | 11,219 | | | | 1921 | 94 | 94 | 98 | 100 | 100 | 100 | — 0.3 |
| Total investments.....mills. of dolls.. | 4,530 | 4,464 | 4,543 | | | | 1921 | 135 | 135 | 135 | 135 | 135 | 133 | — 1.5 |
| Net demand deposits.....mills. of dolls.. | 11,158 | 11,102 | 11,095 | | | | 1919 | 106 | 105 | 103 | 103 | 106 | 105 | — 0.5 |
| Interest rates: | | | | | | | | | | | | | | |
| New York call loans.....per cent.. | 4.70 | 4.80 | 4.90 | | | | 1913 | 157 | 154 | 156 | 153 | 148 | 151 | + 2.0 |
| Commercial paper, 60-90 days.....per cent.. | 5.13 | 5.10 | 4.38 | | | | 1913 | 76 | 76 | 88 | 89 | 89 | 88 | — 1.1 |
| Saving deposits, by Federal Reserve Districts (bal. to credit of depositors): | | | | | | | | | | | | | | |
| Total, 553 banks.....thous. of dolls.. | 6,703,325 | 6,732,018 | 6,129,444 | | | | 1920 | 112 | 113 | 122 | 123 | 123 | 124 | + 0.4 |
| Boston, 64 banks.....thous. of dolls.. | 1,204,326 | 1,207,722 | 1,116,546 | | | | 1920 | 108 | 108 | 115 | 116 | 116 | 117 | + 0.3 |
| New York, 30 banks.....thous. of dolls.. | 1,871,644 | 1,876,107 | 1,746,127 | | | | 1920 | 114 | 114 | 121 | 124 | 122 | 122 | + 0.2 |
| Philadelphia, 80 banks.....thous. of dolls.. | 461,935 | 463,010 | 419,046 | | | | 1920 | 108 | 108 | 119 | 118 | 118 | 119 | + 0.2 |
| Cleveland, 18 banks.....thous. of dolls.. | 441,103 | 443,588 | 393,214 | | | | 1920 | 113 | 114 | 125 | 126 | 128 | 128 | + 0.6 |
| Richmond, 92 banks.....thous. of dolls.. | 290,783 | 290,543 | 276,936 | | | | 1920 | 123 | 123 | 128 | 129 | 129 | 129 | + 0.1 |
| Atlanta, 97 banks.....thous. of dolls.. | 218,209 | 218,340 | 194,804 | | | | 1920 | 114 | 116 | 178 | 129 | 129 | 129 | + 0.1 |
| Chicago, 209 banks.....thous. of dolls.. | 872,155 | 882,010 | 793,823 | | | | 1920 | 104 | 103 | 114 | 115 | 116 | 117 | + 1.1 |
| St. Louis, 35 banks.....thous. of dolls.. | 131,741 | 131,862 | 120,589 | | | | 1920 | 130 | 133 | 144 | 144 | 145 | 146 | + 0.1 |
| Minneapolis, 15 banks.....thous. of dolls.. | 90,043 | 90,355 | 81,246 | | | | 1920 | 113 | 113 | 124 | 126 | 126 | 126 | + 0.3 |
| Kansas City, 56 banks.....thous. of dolls.. | 104,422 | 107,471 | 99,901 | | | | 1920 | 122 | 124 | 128 | 128 | 129 | 133 | + 2.9 |
| Dallas, 85 banks.....thous. of dolls.. | 61,517 | 63,024 | 53,624 | | | | 1920 | 119 | 120 | 136 | 136 | 137 | 141 | + 2.4 |
| San Francisco, 77 banks.....thous. of dolls.. | 955,447 | 957,986 | 837,523 | | | | 1920 | 118 | 119 | 134 | 136 | 137 | 137 | + 0.3 |
| U. S. Postal Savings.....thous. of dolls.. | 133,157 | 132,863 | 133,103 | | | | 1913 | 336 | 335 | 333 | 335 | 335 | 334 | — 0.2 |
| Life Insurance. | | | | | | | | | | | | | | |
| Policies, new: | | | | | | | | | | | | | | |
| Ordinary.....thous. of policies.. | 176 | 181 | 155 | 1,685 | 1,977 | + 17.3 | 1913 | 203 | 209 | 230 | 220 | 238 | 245 | + 2.8 |
| Industrial.....thous. of policies.. | 668 | 657 | 611 | 6,334 | 7,265 | + 14.7 | 1913 | 164 | 161 | 149 | 146 | 176 | 173 | — 1.6 |
| Group.....number of policies.. | 55 | 56 | 61 | 555 | 795 | + 43.2 | 1913 | 170 | 169 | 162 | 159 | 186 | 185 | — 1.8 |
| Total insurance.....thous. of policies.. | 845 | 838 | 766 | 8,018 | 9,240 | + 15.2 | 1913 | 170 | 169 | 162 | 159 | 186 | 185 | — 0.8 |
| Amount of new insurance: | | | | | | | | | | | | | | |
| Ordinary.....thous. of dolls.. | 444,936 | 472,503 | 389,367 | 4,235,892 | 5,117,795 | + 20.8 | 1913 | 283 | 295 | 338 | 307 | 337 | 358 | + 6.2 |
| Industrial.....thous. of dolls.. | 152,061 | 146,882 | 125,960 | 1,281,094 | 1,567,225 | + 22.3 | 1913 | 256 | 243 | 245 | 241 | 293 | 283 | — 3.4 |
| Group.....thous. of dolls.. | 7,200 | 13,458 | 16,524 | 155,555 | 227,834 | + 46.5 | 1913 | 996 | 1,144 | 1,257 | 1,037 | 498 | 931 | + 86.9 |
| Total insurance.....thous. of dolls.. | 604,197 | 632,843 | 531,852 | 5,672,542 | 6,912,855 | + 21.9 | 1913 | 281 | 287 | 319 | 294 | 326 | 342 | + 4.7 |
| Premium collections: | | | | | | | | | | | | | | |
| Ordinary.....thous. of dolls.. | 92,128 | 92,826 | 82,167 | 905,318 | 1,012,274 | + 11.8 | 1913 | 217 | 222 | 246 | 214 | 249 | 251 | + 0.8 |
| Industrial.....thous. of dolls.. | 30,697 | 29,195 | 24,813 | 272,058 | 311,678 | + 14.6 | 1913 | 245 | 230 | 269 | 254 | 285 | 271 | — 4.9 |
| Group.....thous. of dolls.. | 1,915 | 1,932 | 1,292 | 14,202 | 17,984 | + 26.6 | 1913 | 4,484 | 4,168 | 5,374 | 4,555 | 6,177 | 6,232 | + 0.9 |
| Total.....thous. of dolls.. | 124,740 | 123,953 | 108,272 | 1,191,577 | 1,342,136 | + 12.6 | 1913 | 226 | 226 | 254 | 226 | 261 | 259 | — 0.6 |
| Business Finances. | | | | | | | | | | | | | | |
| Business failures: | | | | | | | | | | | | | | |
| Firms.....number.. | 1,673 | 1,704 | 1,737 | 21,862 | 16,877 | — 22.8 | 1913 | 128 | 130 | 99 | 92 | 125 | 128 | + 1.9 |
| Liabilities.....thous. of dolls.. | 79,302 | 50,292 | 40,265 | 565,826 | 487,772 | — 13.8 | 1913 | 152 | 177 | 151 | 126 | 349 | 221 | — 36.6 |
| Total dividend and interest payments (for following month).....thous. of dolls.. | 256,500 | 286,050 | * 317,200 | 3,399,719 | 3,587,646 | + 5.5 | 1913 | 174 | 214 | 174 | 261 | 173 | 193 | + 11.5 |
| Dividend payments (for following mo.): | | | | | | | | | | | | | | |
| Total.....thous. of dolls.. | 64,500 | 67,550 | * 65,450 | * 830,649 | * 957,746 | + 2.9 | 1913 | 90 | 94 | 82 | 134 | 92 | 97 | + 4.7 |
| Indust. and misc. corp.....thous. of dolls.. | 27,575 | 30,950 | * 49,750 | * 524,675 | * 539,661 | + 2.9 | 1913 | 70 | 129 | 100 | 158 | 72 | 132 | + 84.8 |
| Steam railroads.....thous. of dolls.. | 31,150 | 13,150 | * 12,500 | * 282,100 | * 288,455 | + 2.3 | 1913 | 124 | 51 | 62 | 95 | 126 | 53 | — 57.8 |
| Street railways.....thous. of dolls.. | 5,775 | 3,450 | * 3,220 | * 70,818 | * 74,331 | + 5.0 | 1913 | 109 | 66 | 69 | 181 | 118 | 70 | — 40.3 |
| New incorporations.....thous. of dolls.. | 704,000 | 812,849 | 808,720 | 7,586,252 | 8,416,106 | + 10.9 | 1913 | 373 | 469 | 195 | 291 | 409 | 472 | + 15.5 |

* Revised.

²⁰ Relative to June 30, 1919.

²¹ Average for fiscal year ending June 30 of the year indicated.

²² Cumulative data are for 12 months, January to December, inclusive.

TREND OF BUSINESS MOVEMENTS—Continued.

NOTE.—Items marked with an asterisk (*) have not been published previously in the SURVEY or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the SURVEY (No. 27).

In many cases December figures are now available and may be found in the special table on page 23.

| NOTE.—Items marked with an asterisk (*) have not been published previously in the SURVEY or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the SURVEY (No. 27). | NUMERICAL DATA. | | | | | Per- cent increase (+) or de- crease (-) cumu- lative 1923 from 1922. | BASE YEAR OR PERIOD. | INDEX NUMBERS. | | | | | | Per cent in- crease (+) or de- crease (-) Nov. from Oct. | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|----------------------------------------------------------------------|----------------------------------------------|------|--------------------------------------------------------------------------------------------------------|-------------------------------|----------------|------|------|------|------|-------|----------------------------------------------------------------------------------------|------|
| | October, 1923. | Novem- ber, 1923. | Corre- sponding month October or No- vember, 1922. | CUMULATIVE TOTAL THROUGH LATEST MONTH. | | | | 1922 | 1923 | 1922 | | 1923 | | | |
| | | | | 1922 | 1923 | | | | | Oct. | Nov. | Aug. | Sept. | | Oct. | Nov. |

| | | | | | | | | | | | | | | |
|----------------------------------------------------------------------------|----------|---------|-----------|-----------|-----------|--------|------|-------|-----|-------|-------|-----|-------|--------|
| BANKING AND FINANCE—Continued. | | | | | | | | | | | | | | |
| New Capital Issues. | | | | | | | | | | | | | | |
| Total corporate (Commercial and Financial Chronicle).....thous. of dolls.. | 230,426 | 387,041 | 132,721 | 2,805,938 | 2,974,162 | + 3.8 | 1920 | | | | | | | |
| Purpose of issue: | | | | | | | | | | | | | | |
| New capital.....thous. of dolls.. | 211,685 | 321,915 | 98,070 | 2,155,765 | 2,458,693 | + 14.1 | 1920 | 72 | 43 | 49 | 61 | 94 | 143 | + 52.1 |
| Refunding.....thous. of dolls.. | 18,741 | 65,126 | 34,651 | 710,173 | 515,469 | - 27.4 | 1920 | 383 | 162 | 100 | 20 | 83 | 305 | +247.5 |
| Kind of issue: | | | | | | | | | | | | | | |
| Stocks.....thous. of dolls.. | 33,101 | 95,402 | 19,478 | 543,275 | 647,851 | + 19.2 | 1920 | 22 | 22 | 16 | 33 | 37 | 107 | +188.2 |
| Bonds and notes.....thous. of dolls.. | 197,325 | 291,638 | * 113,243 | 2,322,662 | 2,226,311 | - 4.1 | 1920 | 143 | 72 | 75 | 31 | 125 | 185 | + 47.8 |
| Bond issues classified: | | | | | | | | | | | | | | |
| Railroads— | | | | | | | | | | | | | | |
| New capital.....thous. of dolls.. | 66,065 | 83,652 | 3,505 | 501,936 | 452,509 | - 9.8 | 1919 | 128 | 42 | 311 | 286 | 795 | 1,006 | + 26.6 |
| Refunding.....thous. of dolls.. | 12,720 | 4,440 | 4,000 | 119,724 | 44,233 | - 63.1 | 1919 | 153 | 136 | None. | 34 | 434 | 151 | - 65.1 |
| Public utilities— | | | | | | | | | | | | | | |
| New capital.....thous. of dolls.. | 66,135 | 135,199 | * 23,640 | 670,312 | 728,588 | + 8.7 | 1919 | 648 | 242 | 230 | 319 | 678 | 1,386 | +104.4 |
| Refunding.....thous. of dolls.. | 4,500 | 56,572 | * 8,060 | 245,462 | 248,980 | + 1.4 | 1919 | 610 | 593 | 260 | 24 | 95 | 1,196 | (*) |
| Industrials— | | | | | | | | | | | | | | |
| New capital.....thous. of dolls.. | 37,962 | 37,045 | * 34,236 | 429,038 | 662,390 | + 54.4 | 1919 | 408 | 323 | 23 | 196 | 358 | 349 | - 2.4 |
| Refunding.....thous. of dolls.. | 1,368 | 3,714 | 2,591 | 81,895 | 146,979 | + 79.5 | 1919 | 1,304 | 275 | None. | 41 | 145 | 394 | +171.5 |
| Total corporate (Journal of Commerce).....thous. of dolls.. | 246,446 | 374,566 | 217,714 | 2,991,539 | 3,335,186 | + 11.5 | 1913 | 124 | 159 | 100 | 150 | 180 | 273 | + 52.1 |
| States and municipalities: | | | | | | | | | | | | | | |
| Permanent loans.....thous. of dolls.. | 100,592 | 85,159 | 53,497 | 1,185,953 | 988,008 | - 16.7 | 1913 | 221 | 157 | 183 | 168 | 295 | 250 | - 15.3 |
| Temporary loans.....thous. of dolls.. | 5,851 | 4,845 | 46,645 | 360,426 | 399,469 | + 10.8 | 1913 | 150 | 116 | 102 | 98 | 15 | 12 | - 17.2 |
| Agricultural Loans. | | | | | | | | | | | | | | |
| By land banks: | | | | | | | | | | | | | | |
| Total closed.....thous. of dolls.. | * 29,659 | 19,891 | 37,410 | 341,585 | 365,590 | + 7.0 | 1919 | 260 | 235 | 147 | 124 | 186 | 125 | - 32.9 |
| Federal farm loan banks.....thous. of dolls.. | * 14,436 | 13,998 | 18,399 | 204,715 | 175,721 | - 14.2 | 1919 | 168 | 158 | 123 | 112 | 124 | 121 | - 3.0 |
| Joint-stock land banks.....thous. of dolls.. | 15,223 | 5,896 | 19,011 | 136,870 | 189,869 | + 38.7 | 1919 | 506 | 440 | 212 | 157 | 352 | 136 | - 61.3 |
| By War Finance Corporation: | | | | | | | | | | | | | | |
| With banks and livestock loan cos.— | | | | | | | | | | | | | | |
| Advancements.....thous. of dolls.. | 617 | 217 | 1,867 | 166,899 | 12,224 | - 92.7 | 1922 | 6 | 13 | 2 | 2 | 4 | 2 | - 64.8 |
| Repayments.....thous. of dolls.. | 7,417 | 6,548 | 13,261 | 94,925 | 75,764 | - 20.2 | 1922 | 173 | 150 | 47 | 49 | 84 | 74 | - 11.7 |
| Balance.....thous. of dolls.. | 79,528 | 73,197 | 146,339 | 1,866,889 | 1,087,200 | - 41.8 | 1922 | 94 | 88 | 54 | 52 | 48 | 44 | - 8.0 |
| With cooperative market assoc.— | | | | | | | | | | | | | | |
| Advancements.....thous. of dolls.. | 1,618 | 345 | 6,336 | 15,739 | 9,288 | - 41.0 | 1922 | 47 | 340 | None. | None. | 95 | 20 | - 78.7 |
| Repayments.....thous. of dolls.. | 831 | 1,202 | 2,173 | 14,392 | 17,868 | + 24.2 | 1922 | 32 | 156 | 197 | 96 | 60 | 86 | + 44.6 |
| Balance.....thous. of dolls.. | 4,055 | 3,198 | 9,321 | 73,205 | 86,403 | + 18.0 | 1922 | 73 | 132 | 65 | 46 | 57 | 45 | - 21.1 |
| Stocks and Bonds. | | | | | | | | | | | | | | |
| Stock prices, closing: | | | | | | | | | | | | | | |
| 25 industrials, average.....dolls. per share.. | 101.78 | 105.44 | 106.09 | ..... | ..... | ..... | 1913 | 191 | 182 | 177 | 177 | 175 | 181 | + 3.6 |
| 25 railroads, average.....dolls. per share.. | 57.06 | 58.30 | 63.46 | ..... | ..... | ..... | 1913 | 83 | 76 | 68 | 69 | 69 | 70 | + 2.2 |
| 103 stocks, average.....dolls. per share.. | 84.33 | 88.28 | 106.68 | ..... | ..... | ..... | 1921 | 120 | 119 | 102 | 100 | 100 | 104 | + 4.7 |
| Stock sales: | | | | | | | | | | | | | | |
| N. Y. Stock Exchange.....thous. of shares.. | 15,809 | 22,573 | 22,882 | 241,060 | 211,102 | - 12.4 | 1913 | 371 | 330 | 190 | 211 | 228 | 326 | + 42.8 |
| Bond sales: | | | | | | | | | | | | | | |
| Miscellaneous.....thous. of dolls.. | 145,585 | 162,271 | 181,457 | 2,305,710 | 1,768,502 | - 23.3 | 1919 | 283 | 254 | 163 | 152 | 204 | 228 | + 22.5 |
| Liberty-Victory.....thous. of dolls.. | 77,423 | 65,669 | 89,420 | 1,530,987 | 730,366 | - 52.3 | 1919 | 69 | 38 | 18 | 20 | 33 | 28 | - 14.9 |
| Total.....thous. of dolls.. | 223,008 | 228,140 | 270,877 | 3,836,697 | 2,498,868 | - 34.9 | 1919 | 118 | 88 | 51 | 51 | 72 | 74 | + 2.3 |
| Bond prices: | | | | | | | | | | | | | | |
| Highest-grade rails. p. ct. of par, 4% bond.. | 82.46 | 83.25 | 84.68 | ..... | ..... | ..... | 1915 | 96 | 94 | 93 | 92 | 92 | 93 | + 1.0 |
| Second-grade rails. p. ct. of par, 4% bond.. | 66.29 | 66.79 | 70.52 | ..... | ..... | ..... | 1915 | 97 | 93 | 88 | 88 | 88 | 88 | + 0.8 |
| Public utility.....p. ct. of par, 4% bond.. | 64.75 | 64.53 | 69.28 | ..... | ..... | ..... | 1915 | 96 | 94 | 90 | 89 | 88 | 87 | - 0.3 |
| Industrial.....p. ct. of par, 4% bond.. | 71.25 | 72.02 | 73.79 | ..... | ..... | ..... | 1915 | 107 | 105 | 102 | 102 | 101 | 102 | + 1.1 |
| Comb. price index. p. ct. of par, 4% bond.. | 70.58 | 70.96 | 74.10 | ..... | ..... | ..... | 1915 | 99 | 97 | 94 | 93 | 92 | 92 | + 0.6 |
| 5 Liberty bonds.....p. ct. of par.. | 98.20 | 98.93 | 98.88 | ..... | ..... | ..... | 1921 | 107 | 106 | 106 | 106 | 105 | 106 | + 0.7 |
| 16 foreign government and city.....p. ct. of par.. | 99.45 | 99.07 | 100.21 | ..... | ..... | ..... | 1921 | 109 | 108 | 108 | 108 | 108 | 107 | - 0.4 |
| Comb. price index, 67 bonds.....p. ct. of par.. | 93.01 | 92.89 | 94.53 | ..... | ..... | ..... | 1921 | 111 | 111 | 110 | 109 | 109 | 109 | - 0.1 |
| Municipal bond yield.....per cent.. | 4.39 | 4.37 | 4.18 | ..... | ..... | ..... | 1913 | 93 | 94 | 98 | 99 | 99 | 98 | - 0.6 |
| Gold and Silver. | | | | | | | | | | | | | | |
| Gold: | | | | | | | | | | | | | | |
| Domestic receipts at mint.....fine ounces.. | 89,549 | 108,432 | 104,708 | 952,867 | 918,289 | - 3.6 | 1913 | 81 | 71 | 67 | 72 | 60 | 73 | + 21.1 |
| Rand output.....thous. of ounces.. | 793,000 | 780,000 | 764,476 | 6,237,398 | 8,352,730 | + 33.9 | 1913 | 106 | 104 | 105 | 104 | 108 | 106 | - 1.6 |
| Imports.....thous. of dolls.. | 29,858 | 39,757 | 18,308 | 248,730 | 290,136 | + 16.6 | 1913 | 393 | 345 | 619 | 524 | 562 | 749 | + 33.2 |
| Exports.....thous. of dolls.. | 1,307 | 747 | 3,431 | 34,167 | 28,092 | - 17.8 | 1913 | 230 | 45 | 29 | 11 | 17 | 10 | - 42.8 |
| Silver: | | | | | | | | | | | | | | |
| Production.....thous. of fine oz.. | 5,428 | 4,894 | 4,870 | 50,418 | 60,590 | + 20.2 | 1913 | 93 | 87 | 95 | 90 | 98 | 88 | - 9.8 |
| Imports.....thous. of dolls.. | 6,929 | 5,269 | 5,855 | 62,959 | 66,280 | + 5.3 | 1913 | 132 | 196 | 216 | 285 | 232 | 176 | - 24.0 |
| Exports.....thous. of dolls.. | 7,523 | 8,775 | 6,599 | 55,894 | 62,946 | + 12.6 | 1913 | 62 | 126 | 134 | 155 | 144 | 168 | + 16.6 |
| Price at New York.....dolls. per fine oz.. | .636 | .641 | .652 | ..... | ..... | ..... | 1913 | 114 | 109 | 105 | 107 | 106 | 107 | + 0.8 |
| Price at London.....pence per standard oz.. | 31.718 | 32.238 | 32.066 | ..... | ..... | ..... | 1913 | 125 | 116 | 112 | 115 | 115 | 119 | + 1.6 |

* As of first of following month.

▮ Increase over 1,000 per cent.

TREND OF BUSINESS MOVEMENTS—Continued.

| NOTE.—Items marked with an asterisk (*) have not been published previously in the SURVEY or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the SURVEY (No. 27). In many cases December figures are now available and may be found in the special table on page 23. | NUMERICAL DATA. | | | | | Percent increase (+) or decrease (—) cumulative 1923 from 1922. | BASE YEAR OR PERIOD. | INDEX NUMBERS. | | | | | | Percent increase (+) or decrease (—) Nov. from Oct. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|------------------------------------------------|----------------------------------------|-----------|-----------------------------------------------------------------|----------------------|----------------|------|------|-------|------|------|-----------------------------------------------------|
| | October, 1922. | November, 1922. | Corresponding month October or November, 1922. | CUMULATIVE TOTAL THROUGH LATEST MONTH. | | | | 1922 | | 1923 | | | | |
| | | | | 1922 | 1923 | | | Oct. | Nov. | Aug. | Sept. | Oct. | Nov. | |
| FOREIGN EXCHANGE RATES. | | | | | | | | | | | | | | |
| Europe: | | | | | | | | | | | | | | |
| England.....dolls. per £ sterling.. | 4.52 | 4.38 | 4.48 | | | | Par. | 91 | 92 | 94 | 93 | 93 | 90 | — 3.1 |
| France.....dolls. per franc.. | .060 | .055 | .069 | | | | Par. | 38 | 36 | 30 | 30 | 31 | 29 | — 8.3 |
| Italy.....dolls. per lire.. | .045 | .044 | .045 | | | | Par. | 22 | 23 | 22 | 23 | 23 | 23 | — 2.2 |
| Belgium.....dolls. per franc.. | .051 | .047 | .064 | | | | Par. | 36 | 33 | 24 | 25 | 26 | 25 | — 7.8 |
| Netherlands.....dolls. per guilder.. | .391 | .380 | .393 | | | | Par. | 97 | 98 | 98 | 98 | 97 | 95 | — 2.8 |
| Sweden.....dolls. per krone.. | .264 | .263 | .268 | | | | Par. | 99 | 100 | 99 | 99 | 99 | 98 | — 0.4 |
| Switzerland.....dolls. per franc.. | .179 | .176 | .184 | | | | Par. | 95 | 96 | 94 | 93 | 93 | 91 | — 1.7 |
| Asia: | | | | | | | | | | | | | | |
| Japan.....dolls. per yen.. | .483 | .484 | .484 | | | | Par. | 96 | 97 | 98 | 98 | 98 | 97 | — 0.8 |
| India.....dolls. per rupee.. | .311 | .309 | .295 | | | | Par. | 59 | 61 | 63 | 63 | 64 | 63 | — 0.6 |
| Americas: | | | | | | | | | | | | | | |
| Canada.....dolls. per Canadian doll.. | .986 | .981 | 1.000 | | | | Par. | 100 | 100 | 98 | 98 | 99 | 98 | — 0.5 |
| Argentina.....dolls. per gold peso.. | .737 | .712 | .822 | | | | Par. | 84 | 85 | 77 | 78 | 76 | 74 | — 3.4 |
| Brazil.....dolls. per milreis.. | .095 | .083 | .119 | | | | Par. | 35 | 37 | 30 | 30 | 29 | 27 | — 7.4 |
| Chile.....dolls. per paper peso.. | .118 | .111 | .124 | | | | Par. | 70 | 63 | 63 | 63 | 60 | 57 | — 5.9 |
| General index foreign exch.....index number.. | | | | | | | Par. | 67 | 67 | 62 | 63 | 63 | 61 | — |
| U. S. FOREIGN TRADE. | | | | | | | | | | | | | | |
| Imports. | | | | | | | | | | | | | | |
| Grand total.....thous. of dolls.. | 308,366 | 291,455 | 291,805 | 2,818,958 | 3,503,955 | + 24.3 | 1913 | 231 | 195 | 184 | 170 | 206 | 195 | — |
| By grand divisions: | | | | | | | | | | | | | | |
| Europe— | | | | | | | | | | | | | | |
| Total.....thous. of dolls.. | 105,780 | 93,448 | * 94,517 | 894,085 | 1,064,062 | + 19.0 | 1913 | 161 | 131 | 117 | 118 | 147 | 130 | — 11.7 |
| France.....thous. of dolls.. | 15,926 | 12,786 | 12,227 | 131,009 | 136,489 | + 4.2 | 1913 | 151 | 106 | 95 | 91 | 138 | 110 | — 19.7 |
| Germany.....thous. of dolls.. | 15,727 | 13,426 | * 10,250 | 106,680 | 147,662 | + 38.4 | 1913 | 85 | 67 | 90 | 90 | 102 | 87 | — 14.6 |
| Italy.....thous. of dolls.. | 9,243 | 10,777 | 6,767 | 54,959 | 83,562 | + 52.0 | 1913 | 167 | 147 | 122 | 126 | 201 | 234 | + 16.5 |
| United Kingdom.....thous. of dolls.. | 32,833 | 27,701 | * 33,665 | 325,835 | 375,155 | + 15.1 | 1913 | 201 | 149 | 109 | 115 | 145 | 122 | — 15.6 |
| North America— | | | | | | | | | | | | | | |
| Total.....thous. of dolls.. | 86,904 | 73,432 | * 70,943 | 755,644 | 933,732 | + 23.6 | 1913 | 250 | 218 | 214 | 205 | 268 | 226 | — 15.5 |
| Canada.....thous. of dolls.. | 37,850 | 38,452 | * 34,692 | 327,042 | 380,059 | + 16.2 | 1913 | 395 | 293 | 302 | 280 | 320 | 325 | + 1.6 |
| South America— | | | | | | | | | | | | | | |
| Total.....thous. of dolls.. | 36,980 | 34,923 | * 39,456 | 319,576 | 430,216 | + 34.6 | 1913 | 235 | 239 | 176 | 168 | 224 | 211 | — 30.6 |
| Argentina.....thous. of dolls.. | 5,289 | 3,670 | * 8,555 | 76,083 | 111,020 | + 45.9 | 1913 | 395 | 401 | 282 | 187 | 248 | 172 | — 30.4 |
| Asia and Oceania— | | | | | | | | | | | | | | |
| Total.....thous. of dolls.. | 75,860 | 84,580 | 79,122 | 793,845 | 996,459 | + 25.5 | 1913 | 397 | 300 | 335 | 270 | 288 | 321 | + 11.5 |
| Japan.....thous. of dolls.. | 24,430 | 28,783 | 34,454 | 321,142 | 314,096 | — 2.2 | 1913 | 570 | 418 | 337 | 320 | 296 | 340 | + 17.8 |
| Africa, total.....thous. of dolls.. | 2,843 | 5,071 | * 7,766 | 55,807 | 79,485 | + 42.4 | 1913 | 203 | 393 | 199 | 144 | 141 | 256 | + 78.4 |
| By classes of commodities: | | | | | | | | | | | | | | |
| Crude materials for use in manufacturing.....thous. of dolls.. | 92,451 | 97,945 | * 111,146 | 1,038,077 | 1,286,420 | + 23.9 | 1913 | 273 | 219 | 186 | 154 | 183 | 194 | + 5.9 |
| Foodstuffs in crude condition and food animals.....thous. of dolls.. | 34,057 | 40,124 | 32,650 | 298,589 | 327,356 | + 9.6 | 1913 | 203 | 177 | 114 | 144 | 185 | 218 | + 17.8 |
| Foodstuffs partly or wholly manufactured.....thous. of dolls.. | 48,067 | 35,600 | * 31,770 | 361,200 | 501,962 | + 39.0 | 1913 | 183 | 196 | 200 | 202 | 291 | 216 | — 25.9 |
| Manufactures for further use in manufacturing.....thous. of dolls.. | 57,503 | 50,790 | * 56,759 | 493,616 | 665,335 | + 34.8 | 1913 | 232 | 198 | 205 | 173 | 203 | 179 | — 11.7 |
| Manufactures ready for consumption.....thous. of dolls.. | 73,554 | 64,136 | * 58,309 | 610,413 | 705,328 | + 15.6 | 1913 | 209 | 171 | 196 | 183 | 214 | 186 | — 12.8 |
| Miscellaneous.....thous. of dolls.. | 2,734 | 2,860 | 1,171 | 17,063 | 17,554 | + 2.9 | 1913 | 185 | 95 | 135 | 337 | 222 | 232 | + 4.6 |
| Exports. | | | | | | | | | | | | | | |
| Grand total, including reexports.....thous. of dolls.. | 400,824 | 404,000 | 380,000 | 3,487,452 | 3,745,432 | + 7.4 | 1913 | 179 | 184 | 150 | 184 | 194 | 195 | + 0.8 |
| By grand divisions: | | | | | | | | | | | | | | |
| Europe— | | | | | | | | | | | | | | |
| Total.....thous. of dolls.. | 215,369 | 217,201 | 215,745 | 1,896,634 | 1,845,818 | — 2.7 | 1913 | 165 | 173 | 109 | 162 | 172 | 174 | + 0.9 |
| France.....thous. of dolls.. | 31,803 | 31,374 | 31,928 | 241,903 | 242,166 | + 0.1 | 1913 | 236 | 249 | 145 | 196 | 248 | 245 | — 1.2 |
| Germany.....thous. of dolls.. | 32,797 | 28,580 | 27,385 | 291,372 | 284,918 | — 2.2 | 1913 | 99 | 93 | 79 | 108 | 112 | 97 | — 12.9 |
| Italy.....thous. of dolls.. | 19,176 | 18,231 | 17,800 | 134,907 | 147,693 | + 9.5 | 1913 | 296 | 272 | 136 | 240 | 292 | 278 | — 4.9 |
| United Kingdom.....thous. of dolls.. | 89,256 | 99,732 | 89,681 | 775,416 | 757,573 | — 2.3 | 1913 | 170 | 182 | 108 | 183 | 181 | 203 | + 11.7 |
| North America— | | | | | | | | | | | | | | |
| Total.....thous. of dolls.. | 89,908 | 84,806 | 86,832 | 830,390 | 1,006,612 | + 21.2 | 1913 | 178 | 173 | 198 | 196 | 179 | 169 | — 5.7 |
| Canada.....thous. of dolls.. | 51,717 | 45,743 | 55,989 | 523,851 | 606,646 | + 15.8 | 1913 | 174 | 167 | 181 | 179 | 154 | 136 | — 11.6 |
| South America— | | | | | | | | | | | | | | |
| Total.....thous. of dolls.. | 21,868 | 23,411 | 22,304 | 203,947 | 250,081 | + 22.6 | 1913 | 164 | 183 | 200 | 176 | 179 | 192 | + 7.1 |
| Argentina.....thous. of dolls.. | 8,593 | 9,215 | 9,430 | 85,672 | 106,474 | + 24.3 | 1913 | 194 | 184 | 257 | 185 | 188 | 201 | + 7.2 |
| Asia and Oceania— | | | | | | | | | | | | | | |
| Total.....thous. of dolls.. | 68,974 | 70,130 | 49,598 | 504,495 | 581,755 | + 15.3 | 1913 | 296 | 286 | 265 | 314 | 398 | 405 | + 1.7 |
| Japan.....thous. of dolls.. | 27,585 | 35,113 | 21,455 | 198,273 | 226,554 | + 14.3 | 1913 | 416 | 412 | 253 | 414 | 530 | 674 | + 27.3 |
| Africa, total.....thous. of dolls.. | 4,703 | 4,642 | 5,490 | 51,985 | 55,650 | + 7.1 | 1913 | 178 | 228 | 200 | 198 | 135 | 193 | — 1.3 |
| Total, domestic exports only.....thous. of dolls.. | 393,814 | 394,354 | 374,548 | 3,425,840 | 3,668,688 | + 7.1 | 1913 | 179 | 184 | 150 | 184 | 194 | 193 | + 0.1 |
| By classes of commodities: | | | | | | | | | | | | | | |
| Crude materials for use in manufacturing.....thous. of dolls.. | 151,093 | 160,821 | 144,333 | 868,012 | 1,020,004 | + 17.5 | 1913 | 209 | 225 | 102 | 205 | 236 | 251 | + 6.4 |
| Foodstuffs in crude condition and food animals.....thous. of dolls.. | 21,750 | 14,461 | 33,615 | 432,590 | 212,607 | — 43.9 | 1913 | 289 | 238 | 169 | 192 | 154 | 102 | — 33.5 |
| Foodstuffs partly or wholly manufactured.....thous. of dolls.. | 50,969 | 42,294 | 51,471 | 538,626 | 526,635 | — 2.2 | 1913 | 177 | 190 | 158 | 169 | 189 | 194 | + 2.6 |
| Manufactures for further use in manufacturing.....thous. of dolls.. | 45,977 | 47,156 | 33,850 | 401,863 | 511,041 | + 27.2 | 1913 | 100 | 102 | 139 | 136 | 139 | 143 | + 2.6 |
| Manufactures ready for consumption.....thous. of dolls.. | 123,447 | 118,668 | 110,274 | 1,178,452 | 1,362,552 | + 15.6 | 1913 | 169 | 170 | 195 | 191 | 190 | 182 | — 3.9 |
| Miscellaneous.....thous. of dolls.. | 573 | 954 | 1,005 | 6,297 | 5,849 | — 7.1 | 1913 | 94 | 149 | 28 | 176 | 85 | 141 | + 66.5 |
| * Revised. | | | | | | | | | | | | | | |

TREND OF BUSINESS MOVEMENTS—Continued.

| NOTE.—Items marked with an asterisk (*) have not been published previously in the SURVEY or are repeated for special reasons; detailed tables covering back figures for these items will be found at the end of this bulletin. For detailed tables covering other items, see last quarterly issue of the SURVEY (No. 27). | NUMERICAL DATA. | | | | | Percent increase (+) or decrease (—) cumulative 1923 from 1922. | BASE YEAR OR PERIOD. | INDEX NUMBERS. | | | | | | Percent increase (+) or decrease (—) Nov. from Oct. | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|------------------------------------------------|----------------------------------------|-----------|-----------------------------------------------------------------|----------------------|----------------|------|-------|------|------|-------|-----------------------------------------------------|------|------|
| | October, 1923. | November, 1923. | Corresponding month October or November, 1922. | CUMULATIVE TOTAL THROUGH LATEST MONTH. | | | | 1922 | 1923 | 1922 | | 1923 | | | | |
| | | | | 1922 | 1923 | | | | | Oct. | Nov. | Aug. | Sept. | | Oct. | Nov. |
| | | | | | | | | | | | | | | | | |
| In many cases December figures are now available and may be found in the special table on page 23. | | | | | | | | | | | | | | | | |
| TRADE AND INDUSTRY OF FOREIGN COUNTRIES. | | | | | | | | | | | | | | | | |
| United Kingdom. | | | | | | | | | | | | | | | | |
| Imports (value): | | | | | | | | | | | | | | | | |
| Total.....thous. of £ sterling.. | 99,915 | 101,585 | 95,600 | 909,419 | 988,477 | + 8.7 | 1913 | 133 | 149 | 139 | 129 | 156 | 159 | + 1.6 | | |
| Food, drink, tobacco.....thous. of £ sterling.. | 44,828 | 46,805 | 45,501 | 430,850 | 463,795 | + 7.6 | 1913 | 160 | 188 | 182 | 158 | 185 | 194 | + 4.4 | | |
| Raw material.....thous. of £ sterling.. | 30,879 | 32,116 | 30,223 | 265,742 | 284,994 | + 7.2 | 1913 | 112 | 129 | 95 | 100 | 131 | 137 | + 4.0 | | |
| Manufactured articles.....thous. of £ sterling.. | 23,674 | 22,301 | 19,587 | 210,083 | 235,477 | + 12.1 | 1913 | 122 | 121 | 135 | 129 | 147 | 138 | + 5.8 | | |
| Exports (value): | | | | | | | | | | | | | | | | |
| Total.....thous. of £ sterling.. | 71,323 | 65,768 | 66,491 | 661,614 | 703,223 | + 6.3 | 1913 | 138 | 152 | 137 | 146 | 163 | 150 | + 7.9 | | |
| Food, drink, tobacco.....thous. of £ sterling.. | 4,750 | 4,677 | 3,408 | 33,524 | 39,241 | + 17.1 | 1913 | 113 | 125 | 126 | 148 | 176 | 172 | + 2.2 | | |
| Raw material.....thous. of £ sterling.. | 11,585 | 10,586 | 10,101 | 92,522 | 120,718 | + 30.5 | 1913 | 158 | 173 | 176 | 169 | 199 | 182 | + 8.6 | | |
| Manufactured articles.....thous. of £ sterling.. | 53,882 | 49,364 | 51,964 | 524,497 | 532,014 | + 1.4 | 1913 | 137 | 152 | 133 | 143 | 157 | 144 | + 8.4 | | |
| Reexports (value): | | | | | | | | | | | | | | | | |
| Total.....thous. of £ sterling.. | 11,147 | 10,171 | 9,148 | 95,299 | 108,220 | + 13.6 | 1913 | 91 | 100 | 67 | 89 | 122 | 111 | + 8.8 | | |
| Food, drink, tobacco.....thous. of £ sterling.. | 3,334 | 2,835 | 1,583 | 20,385 | 21,961 | + 7.7 | 1913 | 109 | 119 | 93 | 160 | 251 | 213 | + 15.0 | | |
| Raw material.....thous. of £ sterling.. | 5,098 | 4,864 | 5,200 | 50,056 | 61,709 | + 23.3 | 1913 | 84 | 97 | 63 | 71 | 96 | 91 | + 4.6 | | |
| Manufactured articles.....thous. of £ sterling.. | 2,708 | 2,464 | 2,354 | 24,722 | 24,483 | + 1.0 | 1913 | 96 | 96 | 64 | 89 | 110 | 100 | + 9.0 | | |
| Exports of key commodities (quantities): | | | | | | | | | | | | | | | | |
| Cotton piece goods.....thous. of sq. yds.. | 371,778 | 350,143 | 399,117 | 3,825,376 | 3,824,105 | 0.0 | 1920 | 96 | 108 | 89 | 93 | 100 | 95 | + 5.8 | | |
| Woolen and worsted tissues.....thous. of sq. yds.. | 16,535 | 17,046 | 16,484 | 167,729 | 193,211 | + 15.2 | 1920 | 58 | 74 | 86 | 82 | 75 | 77 | + 3.1 | | |
| Iron and steel.....thous. of long tons.. | 389 | 394 | 373 | 3,064 | 3,969 | + 29.5 | 1913 | 84 | 90 | 78 | 81 | 94 | 95 | + 1.3 | | |
| Coal.....thous. of long tons.. | 7,433 | 6,670 | 6,571 | 58,244 | 73,610 | + 26.4 | 1913 | 101 | 107 | 108 | 103 | 122 | 109 | + 10.3 | | |
| Production: | | | | | | | | | | | | | | | | |
| Pig iron.....thous. of long tons.. | 593 | 598 | 494 | 4,366 | 6,809 | + 56.0 | 1913 | 56 | 58 | 70 | 65 | 69 | 70 | + 0.8 | | |
| Steel ingots.....thous. of long tons.. | 702 | 750 | 601 | 5,278 | 7,826 | + 48.3 | 1913 | 88 | 94 | 91 | 109 | 110 | 117 | + 6.8 | | |
| Coal.....thous. of metric tons.. | 23,349 | 24,435 | 23,619 | 228,724 | 259,664 | + 13.5 | 1913 | 95 | 97 | 89 | 93 | 104 | 100 | + 3.6 | | |
| Stocks, zinc.....short tons.. | 1,158 | 1,557 | 842 | | | | 1920 | 12 | 3 | 4 | 3 | 5 | 6 | + 34.5 | | |
| Employment: Trade-unions.....p. et. employed.. | 89.1 | | 186.0 | | | | 1913 | 88 | 88 | 91 | 91 | 91 | | | | |
| Belgium. | | | | | | | | | | | | | | | | |
| Zinc production.....short tons.. | 13,966 | 14,209 | 12,401 | 111,670 | 145,840 | + 30.6 | 1920 | 157 | 160 | 158 | 170 | 180 | 184 | + 1.7 | | |
| Canada. | | | | | | | | | | | | | | | | |
| Total trade: | | | | | | | | | | | | | | | | |
| Imports.....thous. of dolls.. | 76,341 | 72,084 | 76,264 | 692,203 | 838,030 | + 21.1 | 1913 | 120 | 136 | 141 | 128 | 136 | 129 | + 5.6 | | |
| Exports.....thous. of dolls.. | 101,300 | 139,005 | 131,826 | 786,139 | 903,404 | + 14.9 | 1913 | 330 | 420 | 259 | 219 | 322 | 442 | + 37.2 | | |
| Exports of key commodities (quantities): | | | | | | | | | | | | | | | | |
| Canned salmon.....thous. of pounds.. | 8,340 | 8,396 | 1,758 | 26,804 | 38,497 | + 43.6 | 1913 | 330 | 100 | 78 | 202 | 475 | 478 | + 0.7 | | |
| Paper, printing.....thous. of pounds.. | 22,164 | 15,808 | 16,636 | 111,363 | 108,167 | + 2.9 | 1913 | 153 | 129 | 160 | 173 | 171 | 122 | + 28.7 | | |
| Cheese.....thous. of pounds.. | 29,071 | 64,197 | 55,316 | 168,670 | 185,439 | + 9.9 | 1913 | 449 | 660 | 136 | 63 | 347 | 766 | +120.8 | | |
| Wheat.....thous. of bushels.. | | | | | | | | | | | | | | | | |
| Production: | | | | | | | | | | | | | | | | |
| Pig iron.....thous. of long tons.. | 74 | 62 | 35 | 351 | 821 | +133.9 | 1913 | 44 | 42 | 111 | 89 | 88 | 74 | + 16.2 | | |
| Steel ingots.....thous. of long tons.. | 67 | 55 | 52 | 441 | 844 | + 91.4 | 1913 | 62 | 60 | 121 | 76 | 77 | 63 | + 17.9 | | |
| Bank clearings.....mills. of dolls.. | 2,185 | 1,851 | 1,563 | 14,145 | 15,217 | + 7.6 | 1913 | 186 | 202 | 162 | 151 | 282 | 239 | + 15.3 | | |
| Business failures: | | | | | | | | | | | | | | | | |
| Firms.....number.. | 235 | 182 | 310 | 2,951 | 2,671 | + 9.5 | 1913 | 166 | 204 | 138 | 140 | 155 | 120 | + 22.6 | | |
| Liabilities.....thous. of dolls.. | 3,603 | 7,332 | 4,619 | 48,254 | 54,453 | + 12.8 | 1913 | 362 | 333 | 234 | 208 | 260 | 528 | +103.5 | | |
| Employment: | | | | | | | | | | | | | | | | |
| Total, factory.....index number.. | | | | | | | Jan., '20 | 95.8 | 95.1 | 100.0 | 99.5 | 98.8 | 97.5 | + 1.3 | | |
| Applications.....number.. | 68,322 | | 164,699 | 472,911 | 509,257 | + 7.7 | 1920 | 156 | 102 | 176 | 162 | 165 | | | | |
| Vacancies.....number.. | 63,590 | | 156,797 | 416,095 | 484,271 | + 16.4 | 1920 | 141 | 73 | 185 | 192 | 158 | | | | |
| Placements— | | | | | | | | | | | | | | | | |
| Regular.....number.. | 47,957 | | 143,010 | 262,637 | 308,809 | + 17.6 | 1920 | 141 | 67 | 188 | 170 | 157 | | | | |
| Casual.....number.. | 8,960 | | 110,003 | 82,497 | 101,256 | + 22.7 | 1920 | 152 | 104 | 110 | 122 | 136 | | | | |
| Newsprint paper: | | | | | | | | | | | | | | | | |
| Production.....short tons.. | 114,475 | 110,839 | 97,148 | 988,640 | 1,166,225 | + 18.0 | 1919 | 145 | 144 | 169 | 152 | 170 | 165 | + 3.2 | | |
| Shipments.....short tons.. | 112,996 | 110,766 | 96,232 | 986,907 | 1,150,611 | + 16.6 | 1919 | 143 | 142 | 166 | 146 | 166 | 163 | + 2.0 | | |
| Stocks.....short tons.. | 20,123 | 20,047 | 14,913 | | | | 1919 | 112 | 118 | 124 | 148 | 160 | 159 | + 0.4 | | |
| Exports (total printing).....short tons.. | 100,722 | 103,195 | 94,532 | 874,012 | 1,043,140 | + 19.4 | 1919 | 148 | 171 | 189 | 165 | 182 | 187 | + 2.5 | | |
| Building contracts awarded.....thous. of dolls.. | 30,078 | 15,632 | 21,454 | 259,372 | 292,748 | + 12.9 | 1913 | 76 | 67 | 86 | 73 | 94 | 49 | + 48. | | |
| Railroad operations: | | | | | | | | | | | | | | | | |
| Freight carried.....mills. of ton-miles.. | 4,480 | | 14,321 | 23,174 | 26,196 | + 13.0 | 1913 | 225 | 218 | 101 | 146 | 233 | | | | |
| Net operating revenue.....thous. of dolls.. | 14,449 | | 111,729 | 35,893 | 43,998 | + 22.6 | 1913 | 188 | 149 | 82 | 110 | 232 | | | | |

†Nine months' average, April to December, inclusive.
†October, 1922.

HATS AND TEXTILES.

| MONTH. | PYROXYLIN-COATED TEXTILES. ¹ | | | | | FUR-FELT HATS. ² | | | | |
|----------------|-----------------------------------------|-------------------|--------------|-------------------------------|--------------|-----------------------------|-----------------------|---------|----------------|-------------------------------|
| | Pyroxylin spread. | Shipments billed. | | Unfilled orders 1st of month. | | Fur. | | Hats. | | |
| | | Light goods. | Heavy goods. | Light goods. | Heavy goods. | Consumption. | Stocks, end of month. | Formed. | Orders booked. | Surplus bodies, end of month. |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Pounds. | Linear yards. | | | | Pounds. | Dozens. | | | | |
| 1923. | | | | | | | | | | |
| March..... | 3,055,319 | 797,132 | 1,926,700 | 1,159,843 | 3,003,568 | | | | | |
| April..... | 3,002,415 | 838,135 | 1,743,598 | 865,501 | 2,216,755 | | | | | |
| May..... | 2,931,077 | 789,906 | 1,414,495 | 744,472 | 2,338,240 | | | | | |
| June..... | 2,104,168 | 633,957 | 1,393,018 | 358,477 | 1,771,457 | | | | | |
| July..... | 1,916,826 | 514,061 | 1,245,256 | 408,051 | 1,511,890 | 174,897 | 710,773 | 79,483 | 46,396 | 25,887 |
| August..... | 2,219,816 | 481,308 | 1,218,334 | 626,940 | 1,514,674 | 175,269 | 574,573 | 85,155 | 57,052 | 36,918 |
| September..... | 2,038,903 | 547,836 | 1,312,027 | 839,463 | 1,316,391 | 144,470 | 516,437 | 66,014 | 55,305 | 42,992 |
| October..... | 2,988,201 | 691,867 | 1,395,135 | 389,423 | 1,501,082 | 105,407 | 515,961 | 46,225 | 58,391 | 30,107 |
| November..... | 2,503,404 | 551,227 | 1,319,011 | 525,330 | 1,526,399 | 112,585 | 526,110 | 46,010 | 62,495 | 31,783 |
| December..... | | | | | | | | | | |

¹ Compiled from reports to the *Department of Commerce, Bureau of the Census*, by 12 identical firms, with a capacity of 2,174,333 yards for March (capacity varies slightly each month in accordance with the varying number of working days). Further details as to values, etc., are given in press summaries.

² Compiled from reports to the *National Association of Hat Manufacturers* by 11 manufacturers having 331 formers, or about 30 per cent of the capacity of the industry. The forming capacity of these firms is about 90,000 dozen per month. Further details are given in the monthly report of the association.

CLOTHING.

| MONTH. | MEN'S AND BOYS' GARMENTS CUT. ¹ | | | | | | | WORK CLOTHING. ² | | | |
|---------------------|--------------------------------------------|-----------------|-----------------|-----------------|-------------------------------|------------------------|------------------------------|-----------------------------|---------|---------------------|----------------------------------|
| | Men's suits. | | Men's trousers. | | Men's overcoats and topcoats. | Boys' suits and pants. | Boys' overcoats and reefers. | Cut. | Sales. | Cancel- lations. | Stocks on hand, end of month. |
| | Wool. | Cotton, etc. | Wool. | Cotton, etc. | | | | | | | |
| | | | | | | | | | | | |
| Number of garments. | | | | | | | Number of garments. | | | | |
| 1923. | | | | | | | | | | | |
| February..... | 857,266 | 148,666 | 796,400 | 459,821 | 113,798 | 623,587 | 15,615 | | | | |
| March..... | 949,357 | 156,339 | 866,505 | 498,101 | 150,644 | 731,200 | 20,599 | | | | |
| April..... | 700,133 | 132,208 | 725,429 | 460,755 | 186,009 | 644,808 | 33,521 | | | | |
| May..... | 694,187 | 130,718 | 702,818 | 475,522 | 283,020 | 701,614 | 56,522 | | | | |
| June..... | 720,381 | 88,956 | 675,715 | 343,442 | 342,122 | 781,289 | 89,373 | 161,081 | 144,527 | 3,944 | 188,798 |
| July..... | 625,402 | 49,052 | 715,093 | 369,269 | 356,146 | 658,746 | 66,390 | 148,465 | 128,589 | 5,520 | 227,446 |
| August..... | 662,002 | 24,555 | 671,997 | 393,499 | 401,304 | 595,846 | 80,399 | 147,427 | 154,480 | 3,616 | 219,692 |
| September..... | 504,089 | 43,749 | 578,834 | 288,521 | 369,918 | 450,611 | 33,608 | 165,703 | 182,765 | 4,293 | 211,855 |
| October..... | 490,800 | 59,114 | 635,271 | 413,810 | 494,877 | 430,273 | 129,065 | 186,059 | 188,140 | 4,645 | 224,916 |
| November..... | 534,605 | 76,799 | 636,232 | 431,116 | 292,206 | 420,077 | 75,084 | 170,202 | 168,051 | 4,562 | 221,320 |
| December..... | | | | | | | | | | | |

¹ Compiled from reports to the *U. S. Department of Commerce, Bureau of the Census*, from 331 identical establishments.

² Compiled from reports to the *U. S. Department of Commerce, Bureau of the Census*, from 118 identical establishments; further details by materials used and sizes are given in press summaries.

NEWSPRINT IN HANDS OF PUBLISHERS.

[As compiled by American Newspaper Publishers Association from reports of 408 identical newspapers.]

| 1923 | June. | July. | August. | September. | October. | November. |
|------------------------------------------|---------|---------|---------|------------|----------|-----------|
| | Tons. | | | | | |
| On hand, 1st of month..... | 132,115 | 148,101 | 163,402 | 186,130 | 188,663 | 187,815 |
| Received..... | 143,408 | 134,109 | 138,087 | 125,242 | 137,674 | 129,801 |
| Used..... | 125,441 | 116,370 | 114,930 | 120,759 | 136,078 | 131,580 |
| Sold..... | 2,212 | 1,723 | 1,457 | 2,106 | 1,841 | 1,933 |
| On hand, end of month..... | 147,834 | 163,992 | 185,071 | 188,509 | 188,422 | 181,153 |
| In transit, end of month..... | 35,424 | 31,126 | 35,377 | 32,378 | 31,130 | 33,492 |
| Total stocks, end of month..... | 183,248 | 195,118 | 220,448 | 240,887 | 219,552 | 217,045 |
| Days' supply (based on consumption)..... | 43 | 52 | 59 | 59 | 49 | 49 |

IRON PRODUCTS.

| MONTH. | MALLEABLE CASTINGS. ¹ | | | | CAST-IRON PIPE. ² | | | | | |
|----------------|----------------------------------|--------------------|-------------|----------------|------------------------------|-------------|----------------|---------------------|-------------------|---------------------|
| | Production. | | Ship-ments. | Orders booked. | Pro-duction. | Ship-ments. | Orders booked. | | | |
| | Total. | Ratio to capacity. | | | | | Total. | To ship from stock. | To make on order. | Size not specified. |
| | Tons. | Per cent. | Tons. | | Tons. | | | | | |
| 1923. | | | | | | | | | | |
| June..... | 63,298 | 66.7 | 62,888 | 39,814 | 81,208 | 88,318 | 221,542 | 17,905 | 199,271 | 4,366 |
| July..... | 51,433 | 57.4 | 55,922 | 39,131 | 79,528 | 77,828 | 204,184 | 16,839 | 183,130 | 4,215 |
| August..... | 63,038 | 66.5 | 60,207 | 36,753 | 84,588 | 84,843 | 187,105 | 14,727 | 165,518 | 6,860 |
| September..... | 56,021 | 59.9 | 54,378 | 35,452 | 76,945 | 77,226 | 171,789 | 14,401 | 155,586 | 1,802 |
| October..... | 56,798 | 59.4 | 54,221 | 43,978 | 88,696 | 88,000 | 137,821 | 17,431 | 119,947 | 443 |
| November..... | 47,112 | 49.2 | 44,215 | 34,817 | 80,945 | 73,080 | 142,430 | 18,238 | 118,995 | 5,197 |
| December..... | | | | | | | | | | |

¹ Compiled from reports to the U. S. Department of Commerce, Bureau of the Census, from 107 identical establishments.

² Compiled from reports to the U. S. Department of Commerce, Bureau of the Census, from 12 identical establishments; further details as to sizes, etc., regarding these reports, which cover bell and spigot pipe exclusive, are given in press summaries.

HARDWOOD LUMBER.¹

| MONTH. | Units reporting. ² | TOTAL STOCKS. ³ | | | UNSOLD STOCKS. ³ | | | UNFILLED ORDERS. ³ | | |
|----------------|-------------------------------|-----------------------------------|---------|---------|-----------------------------|---------|---------|-------------------------------|--------|--------|
| | | Total hard-woods. | Gum. | Oak. | Total hard-woods. | Gum. | Oak. | Total hard-woods. | Gum. | Oak. |
| | Number. | Thousands of feet, board measure. | | | | | | | | |
| 1923. | | | | | | | | | | |
| March..... | 152 | | | | 292,879 | 77,642 | 103,003 | | | |
| April..... | 185 | 438,779 | 126,326 | 153,324 | 345,317 | 97,711 | 149,343 | 127,373 | 40,283 | 41,622 |
| May..... | 103 | 479,079 | 139,601 | 164,430 | 389,352 | 109,619 | 136,414 | 127,325 | 42,144 | 34,699 |
| June..... | 207 | 503,889 | 143,922 | 173,410 | 406,550 | 113,458 | 143,391 | 123,886 | 41,320 | 35,853 |
| July..... | | | | | | | | | | |
| August..... | 204 | 512,603 | 150,854 | 177,805 | 408,092 | 118,351 | 144,667 | 129,831 | 42,149 | 38,340 |
| September..... | 191 | 507,794 | 153,490 | 175,883 | 396,997 | 115,661 | 139,326 | 137,720 | 52,393 | 41,127 |
| October..... | 196 | 502,099 | 143,714 | 176,960 | 389,958 | 108,117 | 140,534 | 142,079 | 50,799 | 41,819 |
| November..... | 197 | 535,871 | 157,280 | 189,759 | 418,461 | 114,761 | 153,300 | 154,040 | 60,053 | 48,349 |
| December..... | | | | | | | | | | |

¹ Compiled from reports of the Hardwood Manufacturers' Institute, covering hardwood mills throughout the country; further details as to sizes, species, and geographical distribution are given in the regular reports of the institute.

² End of month.

³ A single band mill is considered one unit of production.

PAVING BRICK.¹

| MONTH. | Production. | Shipments. | Stocks, end of month. | Orders received. | Cancellations. | Unfilled orders end of month. | Relative production to capacity (No. 1 and No. 2 brick). |
|----------------|------------------------------------|------------|-----------------------|------------------|----------------|-------------------------------|----------------------------------------------------------|
| | Thousands of brick, No. 1 quality. | | | | | | Per cent. |
| | | | | | | | |
| 1923. | | | | | | | |
| March..... | | | 70,252 | | | 91,752 | |
| April..... | 33,315 | 23,397 | 80,170 | 24,522 | 1,028 | 91,849 | 77 |
| May..... | 34,382 | 26,209 | 77,662 | 34,475 | 2,153 | 90,644 | 71 |
| June..... | 31,105 | 27,251 | 80,324 | 36,078 | 574 | 110,120 | 66 |
| July..... | 30,529 | 27,092 | 78,835 | 23,688 | 5,340 | 100,444 | 83 |
| August..... | 33,547 | 36,446 | 74,399 | 25,586 | 3,076 | 102,183 | 84 |
| September..... | 34,457 | 34,761 | 86,530 | 28,501 | 3,787 | 91,048 | 75 |
| October..... | 34,317 | 34,287 | 76,613 | 23,173 | 807 | 64,631 | 80 |
| November..... | 28,212 | 21,689 | 77,570 | 12,601 | 812 | 64,435 | 72 |
| December..... | | | | | | | |

¹ Compiled from reports of the Paving Brick Manufacturers' Association, covering from 24 to 29 companies each month, stated to represent from 66 to 71 per cent of the industry; further details as to size, quality, and geographical distribution may be obtained from the regular reports of the association.

SHIP CONSTRUCTION.¹

| MONTH. | Total vessels, including nonseagoing, completed during month (gross tons). | | | | | | | | | Merchant vessels building or under contract at end of month (gross tons). | | | |
|-------------------------------------------------------------|----------------------------------------------------------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------------------------------------------------------------------------|---------|---------|---------|
| | 1915 | 1916 | 1917 | 1918 | 1919 | 1920 | 1921 | 1922 | 1923 | 1920 | 1921 | 1922 | 1923 |
| January..... | 12,258 | 26,408 | 73,595 | 64,795 | 264,346 | 253,680 | 216,280 | 52,764 | 14,292 | 701,911 | 977,903 | 222,599 | 302,047 |
| February..... | 8,629 | 32,562 | 37,004 | 117,601 | 271,430 | 267,233 | 121,404 | 38,359 | 21,392 | 947,193 | 901,229 | 197,011 | 280,278 |
| March..... | 24,538 | 35,494 | 59,111 | 147,145 | 298,005 | 279,709 | 151,864 | 6,203 | 24,978 | 1,252,096 | 734,904 | 211,918 | 269,911 |
| April..... | 26,124 | 25,828 | 79,045 | 163,050 | 375,605 | 251,442 | 120,762 | 34,308 | 38,972 | 1,391,341 | 645,224 | 220,727 | 210,745 |
| May..... | 19,494 | 61,881 | 91,227 | 194,464 | 395,408 | 185,145 | 132,622 | 21,419 | 15,518 | 1,360,613 | 581,631 | 209,060 | 150,433 |
| June..... | 16,767 | 51,848 | 152,001 | 201,425 | 422,889 | 267,076 | 173,885 | 16,959 | 54,161 | 1,300,956 | 519,564 | 220,824 | 172,301 |
| July..... | 16,565 | 30,731 | 89,152 | 229,931 | 397,628 | 217,239 | 90,636 | 36,717 | 9,960 | 1,335,721 | 613,604 | 218,999 | 164,236 |
| August..... | 16,513 | 52,768 | 86,042 | 295,849 | 455,338 | 259,210 | 90,205 | 11,511 | 25,217 | 1,236,547 | 439,735 | 249,394 | 140,929 |
| September..... | 14,301 | 38,423 | 76,585 | 308,470 | 378,558 | 261,962 | 105,352 | 15,881 | 20,906 | 1,236,277 | 365,686 | 255,431 | 160,351 |
| October..... | 17,368 | 70,232 | 90,685 | 357,532 | 357,519 | 227,162 | 50,265 | 33,815 | 18,350 | 1,206,486 | 319,426 | 258,373 | 164,076 |
| November..... | 33,164 | 90,636 | 77,280 | 357,660 | 347,051 | 219,966 | 71,995 | 27,720 | 0,576 | 1,123,946 | 296,944 | 257,328 | 161,556 |
| December..... | 20,307 | 37,886 | 122,581 | 283,359 | 170,064 | 170,903 | 58,552 | 43,294 | ..... | 1,067,293 | 260,599 | 251,858 | ..... |
| Average..... | 18,836 | 46,225 | 86,192 | 226,773 | 354,845 | 238,394 | 115,569 | 28,246 | ..... | 1,188,034 | 546,371 | 231,127 | ..... |
| Seagoing steel vessels completed during month (gross tons). | | | | | | | | | | | | | |
| MONTH. | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | 1920 | 1921 | 1922 | 1923 | | | |
| | | | | | | | | | | | | | |
| January..... | | 8,975 | 21,113 | 52,082 | 53,748 | 174,799 | 231,221 | 196,482 | 42,447 | 4,797 | | | |
| February..... | | None. | 27,358 | 18,779 | 91,242 | 206,106 | 230,967 | 108,179 | 28,611 | 16,224 | | | |
| March..... | | 17,656 | 38,553 | 58,553 | 115,040 | 193,743 | 259,552 | 140,374 | 398 | 7,889 | | | |
| April..... | | 11,622 | 10,248 | 44,653 | 130,637 | 316,177 | 225,395 | 111,162 | 25,829 | 15,527 | | | |
| May..... | | 11,081 | 37,391 | 36,086 | 157,598 | 351,368 | 151,780 | 115,312 | 8,626 | 1,034 | | | |
| June..... | | 4,772 | 29,124 | 97,908 | 163,034 | 329,981 | 231,656 | 144,525 | 8,434 | 25,815 | | | |
| July..... | | 9,393 | 9,826 | 59,891 | 146,981 | 330,094 | 185,731 | 80,169 | 6,853 | 93 | | | |
| August..... | | 18,960 | 22,479 | 46,716 | 191,102 | 400,628 | 224,310 | 73,995 | 3,538 | 8,606 | | | |
| September..... | | 5,426 | 25,552 | 35,073 | 177,765 | 331,934 | 228,015 | 99,264 | 1,049 | 8,562 | | | |
| October..... | | 13,839 | 37,770 | 44,420 | 228,203 | 316,187 | 191,501 | 38,121 | 25,626 | 8,778 | | | |
| November..... | | 6,975 | 66,429 | 50,660 | 227,293 | 313,843 | 187,499 | 63,753 | 3,669 | 923 | | | |
| December..... | | 8,753 | 13,606 | 18,385 | 85,917 | 267,433 | 155,025 | 54,648 | 3,765 | ..... |  |  |  |
| Average..... | | 10,199 | 9,548 | 27,094 | 50,895 | 155,110 | 294,849 | 206,557 | 102,157 | 13,239 | | | |

¹ Compiled by the Department of Commerce, Bureau of Navigation. The total includes all ships built in the United States, officially numbered by the Bureau of Navigation. Merchant ship construction represents total production of private American yards, exclusive of Government vessels. Gross ton represents in units of 100 cubic feet the entire cubical capacity of the vessel, including crew and engine space.

ZINC RETORTS AND CHAIN STORES.

| MONTH. | ZINC. ¹ | | | | CHAIN-STORE SALES. ² | | | | | | | | | | | |
|-----------------|-------------------------------------|--------|--------|--------|---------------------------------|--------|--------|--------|--------|---------|-----------------------|-------|-------|-------|---------|-------|
| | Retorts in operation, end of month. | | | | Groceries (32 chains). | | | | | | Candy (4 chains). | | | | | |
| | 1920 | 1921 | 1922 | 1923 | 1919 | 1920 | 1921 | 1922 | 1923 | 1919 | 1920 | 1921 | 1922 | 1923 | | |
| | Number. | | | | Thousands of dollars. | | | | | Stores. | Thousands of dollars. | | | | Stores. | |
| January | 105,827 | 44,781 | 44,457 | 84,131 | 30,805 | 45,862 | 44,226 | 47,758 | 57,218 | 15,280 | 716 | 1,031 | 1,152 | 1,103 | 1,251 | 98 |
| February | 107,733 | 37,782 | 43,357 | 86,931 | 29,903 | 44,385 | 42,090 | 45,356 | 55,425 | 15,473 | 743 | 1,038 | 1,124 | 1,140 | 1,257 | 99 |
| March | 108,841 | 35,297 | 45,373 | 89,054 | 33,232 | 50,802 | 45,867 | 51,877 | 65,792 | 15,778 | 772 | 1,229 | 1,499 | 1,272 | 1,777 | 104 |
| April | 110,669 | 39,673 | 42,773 | 89,203 | 32,432 | 53,610 | 42,970 | 48,572 | 58,098 | 16,004 | 900 | 1,258 | 1,282 | 1,430 | 1,506 | 118 |
| May | 99,733 | 40,043 | 48,765 | 86,731 | 33,437 | 52,759 | 42,006 | 48,346 | 62,513 | 16,457 | 821 | 1,236 | 1,278 | 1,349 | 1,610 | 129 |
| June | 96,094 | 35,789 | 52,677 | 84,455 | 31,505 | 51,992 | 41,445 | 47,815 | 58,524 | 16,717 | 772 | 1,192 | 1,300 | 1,297 | 1,670 | 134 |
| July | 89,141 | 30,349 | 54,909 | 82,075 | 35,127 | 55,329 | 40,563 | 47,376 | 57,664 | 17,325 | 860 | 1,324 | 1,349 | 1,335 | 1,671 | 135 |
| August | 78,031 | 29,576 | 57,193 | 75,325 | 34,445 | 49,653 | 42,583 | 48,681 | 59,616 | 17,525 | 954 | 1,322 | 1,377 | 1,418 | 1,700 | 135 |
| September | 82,217 | 29,429 | 65,936 | 81,849 | 34,789 | 49,961 | 42,333 | 49,291 | 59,240 | 17,731 | 955 | 1,332 | 1,321 | 1,456 | 1,669 | 136 |
| October | 76,150 | 27,949 | 72,116 | 84,559 | 40,985 | 50,640 | 47,847 | 51,988 | 66,008 | 18,119 | 1,042 | 1,432 | 1,341 | 1,426 | 1,758 | 120 |
| November | 63,779 | 46,444 | 75,664 | 84,906 | 39,082 | 48,931 | 47,034 | 56,229 | 65,189 | 18,322 | 1,071 | 1,294 | 1,224 | 1,373 | 1,652 | 119 |
| December | 58,629 | 42,369 | 80,863 | ..... | 41,767 | 48,551 | 51,445 | 57,654 | ..... | ..... | 1,778 | 2,010 | 1,931 | 2,090 | ..... | ..... |
| Average | 89,737 | 36,623 | 57,007 | ..... | 34,793 | 50,206 | 44,201 | 50,079 | ..... | ..... | 949 | 1,308 | 1,348 | 1,391 | ..... | ..... |

¹ Compiled by the American Zinc Institute.

² Compiled by the Federal Reserve Board, Division of Research and Statistics, from the direct reports of the individual chains.

MISCELLANEOUS.

[Base year in bold-faced type.]

| YEAR AND MONTH. | VESSEL CONSTRUCTION. ¹ | | | | | | CHAIN-STORE SALES. ² | | ZINC. | CREDIT CONDITIONS, ELECTRICAL TRADE. ⁴ | | | |
|---------------------------|-----------------------------------|-------------------|--------------------------|-------------------|------------------------------------|-------------------|---------------------------------|-------------------|--------------------------------------------------|---------------------------------------------------|-------------------|------------------|-------------------|
| | Completed during month. | | | | Under construction, end of month. | | Groceries (32 chains). | | Retorts in operation, end of month. ³ | Delinquent accounts. | | | |
| | Total, including nonseagoing. | | Steel seagoing. | | Merchant vessels. | | | | | Amount. | | Number of firms. | |
| | Gross tons. ⁷ | Relative to 1916. | Gross tons. ⁷ | Relative to 1916. | Thous. of gross tons. ⁷ | Relative to 1916. | Thous. of dollars. | Relative to 1919. | Number. | Dollars. | Relative to 1921. | Number. | Relative to 1921. |
| 1913 monthly average..... | 28,846 | 62 | | | | | | | | | | | |
| 1914 monthly average..... | 26,354 | 57 | 10,199 | 38 | | | | | | | | | |
| 1915 monthly average..... | 18,836 | 41 | 9,548 | 35 | | | | | | | | | |
| 1916 monthly average..... | 46,225 | 100 | 27,094 | 100 | 1,236 | 100 | | | | | | | |
| 1917 monthly average..... | 86,192 | 186 | 50,895 | 188 | | | | | | | | | |
| 1918 monthly average..... | 226,773 | 491 | 155,110 | 572 | | | | | | | | | |
| 1919 monthly average..... | 354,845 | 768 | 294,849 | 1,088 | | | \$34,798 | 100 | | | | | |
| 1920 monthly average..... | 238,394 | 516 | 208,557 | 770 | 1,188 | 96 | 50,206 | 144 | 89,737 | | | | |
| 1921 monthly average..... | 115,569 | 250 | 102,157 | 377 | 546 | 44 | 44,201 | 127 | 36,623 | \$225,106 | 100 | 1,518 | 100 |
| 1922 monthly average..... | 28,246 | 61 | 13,239 | 49 | 231 | 19 | 50,079 | 144 | 57,007 | 202,557 | 90 | 1,625 | 107 |
| 1923 monthly average..... | | | | | | | | | | | | | |
| 1921. | | | | | | | | | | | | | |
| May..... | 132,622 | 287 | 115,312 | 426 | 582 | 47 | 42,006 | 121 | 40,043 | 197,079 | 88 | 1,433 | 94 |
| June..... | 173,835 | 376 | 144,525 | 533 | 520 | 42 | 41,445 | 119 | 35,789 | 214,580 | 95 | 1,343 | 88 |
| July..... | 90,636 | 196 | 80,169 | 296 | 514 | 42 | 40,583 | 117 | 30,349 | 203,411 | 90 | 1,277 | 84 |
| August..... | 90,205 | 195 | 73,995 | 273 | 440 | 36 | 42,583 | 122 | 29,576 | 204,432 | 91 | 1,352 | 89 |
| September..... | 105,352 | 228 | 99,264 | 366 | 366 | 30 | 42,333 | 122 | 29,429 | 202,387 | 90 | 1,466 | 97 |
| October..... | 50,265 | 109 | 38,121 | 141 | 319 | 26 | 47,847 | 138 | 27,949 | 228,446 | 101 | 1,566 | 103 |
| November..... | 71,995 | 156 | 63,753 | 235 | 297 | 24 | 47,034 | 135 | 46,444 | 235,267 | 105 | 1,725 | 114 |
| December..... | 58,552 | 127 | 54,548 | 201 | 261 | 21 | 51,445 | 148 | 42,369 | 223,372 | 99 | 1,844 | 121 |
| 1922. | | | | | | | | | | | | | |
| January..... | 52,764 | 114 | 42,447 | 157 | 223 | 18 | 47,758 | 137 | 44,457 | 177,291 | 79 | 1,380 | 91 |
| February..... | 38,359 | 83 | 28,611 | 106 | 197 | 16 | 45,356 | 130 | 43,357 | 183,292 | 81 | 1,430 | 94 |
| March..... | 6,203 | 13 | 398 | 15 | 212 | 17 | 51,877 | 149 | 45,373 | 173,361 | 77 | 2,045 | 135 |
| April..... | 34,308 | 74 | 25,829 | 95 | 221 | 18 | 48,572 | 140 | 42,773 | 188,326 | 84 | 1,583 | 104 |
| May..... | 21,419 | 46 | 8,625 | 31 | 209 | 17 | 48,346 | 139 | 48,765 | 176,130 | 78 | 1,555 | 102 |
| June..... | 16,959 | 37 | 8,434 | 31 | 221 | 18 | 47,815 | 137 | 52,677 | 183,814 | 82 | 1,486 | 98 |
| July..... | 36,717 | 79 | 6,853 | 25 | 219 | 18 | 47,376 | 136 | 54,909 | 173,492 | 77 | 1,451 | 96 |
| August..... | 11,511 | 25 | 3,533 | 13 | 249 | 20 | 48,681 | 140 | 57,193 | 234,152 | 104 | 1,694 | 112 |
| September..... | 15,881 | 34 | 1,049 | 39 | 255 | 21 | 49,291 | 142 | 65,936 | 232,656 | 103 | 1,819 | 120 |
| October..... | 33,815 | 73 | 25,626 | 95 | 258 | 21 | 51,988 | 149 | 72,116 | 201,881 | 90 | 1,753 | 115 |
| November..... | 27,720 | 60 | 3,669 | 14 | 257 | 21 | 56,229 | 162 | 75,664 | 261,175 | 116 | 1,488 | 98 |
| December..... | 43,294 | 94 | 3,785 | 14 | 252 | 20 | 57,654 | 166 | 80,863 | 245,114 | 109 | 1,820 | 120 |
| 1923. | | | | | | | | | | | | | |
| January..... | 14,292 | 31 | 4,797 | 18 | 302 | 24 | 57,218 | 165 | 84,131 | 182,943 | 81 | 1,491 | 98 |
| February..... | 21,392 | 46 | 16,224 | 60 | 280 | 23 | 55,425 | 159 | 86,931 | 139,664 | 62 | 1,157 | 76 |
| March..... | 24,978 | 54 | 7,886 | 29 | 270 | 22 | 65,792 | 189 | 89,054 | 242,918 | 108 | 1,889 | 124 |
| April..... | 38,972 | 84 | 15,527 | 57 | 241 | 19 | 58,098 | 167 | 89,203 | 226,424 | 101 | 1,540 | 101 |
| May..... | 15,518 | 34 | 1,034 | 38 | 150 | 12 | 62,513 | 180 | 86,731 | 196,986 | 88 | 1,460 | 96 |
| June..... | 54,161 | 117 | 25,815 | 95 | 172 | 14 | 58,524 | 168 | 84,455 | 186,672 | 83 | 1,457 | 96 |
| July..... | 9,960 | 22 | 93 | 3 | 164 | 13 | 57,664 | 166 | 82,075 | 184,535 | 82 | 1,428 | 94 |
| August..... | 25,217 | 55 | 8,606 | 32 | 141 | 11 | 59,616 | 171 | 75,325 | 213,393 | 95 | 1,366 | 90 |
| September..... | 20,906 | 45 | 8,562 | 32 | 160 | 13 | 59,240 | 170 | 81,849 | 200,093 | 89 | 1,453 | 96 |
| October..... | 18,350 | 40 | 8,778 | 32 | 164 | 13 | 66,099 | 190 | 84,559 | 237,284 | 105 | 1,823 | 120 |
| November..... | 6,576 | 14 | 923 | 3 | 162 | 13 | 65,189 | 187 | 84,906 | 237,013 | 105 | 1,547 | 102 |
| December..... | | | | | | | | | | | | | |

¹ Compiled by the Department of Commerce, Bureau of Navigation. The total includes all ships built in the United States, officially numbered by the Bureau of Navigation. Merchant ship construction represents the total of private American yards exclusive of Government vessels.

² Compiled by the Federal Reserve Board, Division of Research and Statistics, from the direct reports of the chains, representing, in 1923, the sales of more than 15,000 individual stores.

³ Compiled by the American Zinc Institute.

⁴ Compiled from figures furnished by the National Electrical Credit Association, covering delinquent accounts reported to its constituent regional associations by electrical manufacturers and jobbers.

⁵ Average for the fiscal year ending June 30 of the year indicated. The average for the last six months of 1914 was 18,883.

⁶ Six months' average, July to December, inclusive.

⁷ Gross ton represents in units of 100 cubic feet the entire cubical capacity of the vessel, including crew and engine space.

WORLD PRODUCTION OF CANE SUGAR AND FLAXSEED.*

| YEAR. | CANE SUGAR. | | | | | | | | FLAXSEED. | | | | |
|-----------------------------|--------------------------|-------|-----------------------------|---------|---------|-------------|---------|---------|-----------------------|--------------|--------|----------------|---------|
| | World total. | Java. | United States. ¹ | Brazll. | Hawall. | Porto Rico. | Cuba. | India. | World total. | Argen- tina. | India. | United States. | Canada. |
| | | May | Oct. | Oct. | Nov. | Dec. | Dec. | Dec. | | Jan. | Apr. | Aug. | Aug. |
| | Thousands of short tons. | | | | | | | | Thousands of bushels. | | | | |
| 1909-1913 average..... | 9,971 | 1,514 | 311 | * 38 | 567 | 363 | 2,295 | 2,614 | 110,992 | 31,989 | 19,870 | 19,505 | 12,040 |
| 1914..... | 11,293 | 1,054 | 247 | 344 | 646 | 346 | 2,967 | 2,757 | 94,559 | 30,928 | 15,448 | 13,749 | 7,175 |
| 1915..... | 12,776 | 1,797 | 139 | 486 | 593 | 484 | 3,437 | 2,950 | 103,287 | 45,040 | 15,850 | 14,030 | 10,623 |
| 1916..... | 13,442 | 2,009 | 311 | 413 | 645 | 503 | 3,442 | 3,058 | 82,151 | 39,289 | 19,040 | 14,296 | 8,260 |
| 1917..... | 14,508 | 1,960 | 246 | 493 | 577 | 454 | 3,957 | 3,708 | 41,063 | 4,032 | 21,040 | 9,164 | 5,935 |
| 1918..... | 13,324 | 1,478 | 284 | 440 | 600 | 406 | 4,597 | 2,617 | 61,821 | 19,588 | 20,600 | 13,369 | 6,055 |
| 1919..... | 13,799 | 1,473 | 122 | 496 | 556 | 485 | 4,209 | 3,361 | 61,692 | 30,775 | 9,400 | 7,256 | 5,473 |
| 1920..... | 13,656 | 1,579 | 176 | 580 | 522 | 490 | 4,408 | 2,826 | 67,964 | 42,038 | 16,760 | 10,774 | 7,993 |
| 1921..... | 14,487 | 1,906 | 328 | 551 | 592 | 408 | * 4,476 | 2,879 | 83,288 | 50,470 | 10,800 | 8,029 | 4,112 |
| 1922..... | 14,569 | 1,993 | 295 | * 476 | * 525 | * 379 | * 4,034 | * 3,347 | ..... | 36,046 | 17,440 | 10,375 | 5,009 |
| 1923 latest estimates ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 44,280 | 21,280 | 17,429 | 6,942 |

¹ Louisiana and Texas.
² Exports.

³ From private sources.
⁴ New crop available in January of the year indicated; January, 1924, estimate is 75,980,000 bushels.

WORLD PRODUCTION OF BEET SUGAR.*

| YEAR. | World total. ¹ | United States. | Germany. | Czechoslovakia. | Russia. | Poland. | Netherlands. | Belgium. | France. | Italy. | Spain. | Denmark. | Sweden. |
|----------------------------|---------------------------|----------------|----------|-----------------|---------|---------|--------------|----------|---------|--------|--------|----------|---------|
| | Thousands of short tons. | | | | | | | | | | | | |
| 1909-1913 average..... | 8,432 | 610 | 2,296 | 1,017 | 1,726 | 279 | 246 | 276 | 759 | 209 | 116 | 128 | 154 |
| 1914..... | 8,331 | 722 | 2,721 | 1,004 | 1,879 | ..... | 316 | 215 | 334 | 166 | 112 | 168 | 170 |
| 1915..... | 6,056 | 374 | 1,678 | 812 | 1,824 | 239 | 264 | 120 | 150 | 166 | 117 | 143 | 140 |
| 1916..... | 5,808 | 821 | 1,721 | 805 | 1,457 | 293 | 286 | 140 | 204 | 160 | 139 | 124 | 151 |
| 1917..... | 5,298 | 765 | 1,726 | 584 | 1,134 | 263 | 215 | 136 | 221 | 162 | 154 | 149 | 144 |
| 1918..... | 4,592 | 761 | 1,484 | 688 | 318 | 249 | 182 | 78 | 121 | 120 | 169 | 156 | 141 |
| 1919..... | 3,490 | 726 | 808 | 559 | 86 | 106 | 263 | 152 | 171 | 185 | 91 | 149 | 141 |
| 1920..... | 4,997 | 1,069 | 1,212 | 770 | 55 | 195 | 314 | 268 | 370 | 150 | 104 | 168 | 181 |
| 1921..... | 5,473 | * 1,074 | 1,434 | 726 | 55 | 198 | 412 | 315 | * 316 | 228 | 80 | 156 | 259 |
| 1922..... | * 5,653 | * 711 | 1,605 | * 810 | * 217 | * 294 | 308 | * 292 | 509 | 253 | * 176 | 94 | * 79 |
| 1923 latest estimates..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

¹ Crops in all countries here given are harvested beginning in September.

² Includes Ukraine; data from private sources.

³ From private sources.

⁴ Refined sugar in terms of raw on the basis of 95 per cent of the raw.

WORLD PRODUCTION OF RICE.*

| Country..... | World total. | India. | Egypt. | United States. | Italy. | Spain. | Japan. | Dutch East Indies. ¹ | Philippines. |
|-------------------------------------|--------------|--------|--------|----------------|--------|--------|--------|---------------------------------|--------------|
| New crop available..... | ..... | Apr. | Apr. | Aug. | Sept. | Sept. | Nov. | Dec. | Dec. |
| Millions of pounds (cleaned). | | | | | | | | | |
| Normal consumption (1909-1913)..... | ..... | 67,891 | ..... | 375 | 518 | ..... | 14,602 | ..... | ..... |
| 1909-1913..... | 110,780 | 72,950 | 553 | 481 | 646 | 297 | 14,009 | 7,349 | 1,124 |
| 1914..... | 102,986 | 61,022 | 81 | 657 | 741 | 337 | 17,909 | 7,826 | 1,404 |
| 1915..... | 114,500 | 73,526 | 542 | 604 | 763 | 320 | 17,569 | ..... | 1,109 |
| 1916..... | 112,300 | 77,932 | 237 | 1,135 | 708 | 329 | 18,360 | ..... | 1,289 |
| 1917..... | 122,000 | 81,198 | 487 | 965 | 716 | 322 | 17,143 | 3,323 | 1,745 |
| 1918..... | 97,400 | 55,218 | 692 | 1,072 | 712 | 282 | 17,184 | 3,465 | 2,210 |
| 1919..... | 117,200 | 71,613 | 607 | 1,166 | 662 | 412 | 19,106 | 7,051 | 1,977 |
| 1920..... | 90,777 | 62,793 | 634 | 1,446 | 997 | 394 | 19,849 | 6,430 | 2,127 |
| 1921..... | 120,797 | 74,437 | 472 | 1,045 | 641 | 356 | 17,336 | 5,669 | 2,560 |
| 1922..... | 125,939 | 74,294 | * 33 | 1,150 | * 632 | 373 | 19,067 | * 4,451 | 2,681 |
| 1923 latest estimates..... | ..... | ..... | 266 | 924 | 680 | 330 | 18,203 | 6,904 | 2,793 |

¹ Java and Madura. ² Acreage about half of normal: Summer crop only given. ³ 1922 acreage 296,500 compared with 286,400 acres in 1921.

* Data compiled by U. S. Department of Agriculture, Bureau of Agricultural Economics, and corrected monthly in accordance with latest available information received by that department or by Department of Commerce, Bureau of Foreign and Domestic Commerce. Countries are placed in the order in which crops are harvested. 1923 estimates are as of December 20, 1923.

WORLD PRODUCTION OF COTTON.*

| Country..... | World total. | Peru. | United States. | Mexico. | India. | Brazil. | Egypt. |
|--------------------------------------|--------------|-------|----------------|---------|-----------|------------|------------|
| New crop available..... | | June. | August. | August. | November. | September. | September. |
| Thousands of bales (47½ pounds net). | | | | | | | |
| 1909-1913 average..... | 20,660 | 106 | 13,033 | 193 | 3,584 | 322 | 1,453 |
| 1914..... | 24,630 | 129 | 16,135 | 108 | 4,354 | 387 | 1,337 |
| 1915..... | 18,470 | 113 | 11,192 | 95 | 3,128 | 282 | 989 |
| 1916..... | 18,970 | 127 | 11,500 | 103 | 3,759 | 281 | 1,048 |
| 1917..... | 18,370 | 125 | 11,302 | 135 | 3,393 | 345 | 1,304 |
| 1918..... | 18,560 | 142 | 12,041 | 203 | 3,328 | 339 | 999 |
| 1919..... | 19,925 | 155 | 11,421 | 199 | 4,853 | 384 | 1,155 |
| 1920..... | 20,940 | 164 | 13,440 | 188 | 3,013 | 451 | 1,251 |
| 1921..... | 15,391 | 157 | 7,954 | 147 | 3,748 | 505 | 902 |
| 1922..... | 18,695 | 137 | 9,762 | 178 | 4,348 | 553 | 1,015 |
| 1923, latest estimates..... | | | 10,081 | | | | 1,213 |

* From private sources.

† 1922 acreage 12,496,000 compared with 11,976,000 in 1921.

SOURCES OF DATA.

| SOURCE. | DATA. | CURRENT PUBLICATION. ¹ | DATE OF PUBLICATION. |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------|
| I.—REPORTS FROM GOVERNMENT DEPARTMENTS, FEDERAL, STATE, AND FOREIGN. | | | |
| ARGENTINE MINISTER OF AGRICULTURE. | Cereal exports from Argentina..... | Estadística Agro-Pecuaría..... | Monthly. |
| AUSTRALIAN COMMONWEALTH'S BUREAU OF CENSUS AND STATISTICS. | Price Index for Australia..... | Federal Reserve Bulletin..... | Second week of month. |
| BANK OF JAPAN. | Price index for Japan..... | Federal Reserve Bulletin..... | Second week of month. |
| BRITISH BOARD OF TRADE. | Price index for United Kingdom..... | British Board of Trade Journal..... | |
| CANADIAN DEPARTMENT OF LABOR. | Price index for Canada..... | Labour Gazette (Canadian)..... | Monthly. |
| | Employment in Canadian trade-unions..... | Labour Gazette (Canadian)..... | Semi-monthly. |
| | Operations of Canadian employment service..... | Labour Gazette (Canadian)..... | Monthly. |
| CANADIAN DEPARTMENT OF TRADE AND COMMERCE. | Foreign trade of Canada..... | Operating Revenues, etc., of Railways *..... | Monthly. |
| | Canadian railroad operations..... | Press releases *..... | |
| FEDERAL FARM LOAN BOARD. | Canadian iron and steel production..... | Not published..... | |
| FEDERAL RESERVE BANK OF ATLANTA. | Agricultural loans by land banks..... | Business Conditions..... | Monthly. |
| FEDERAL RESERVE BANK OF BOSTON. | Wholesale trade..... | Monthly Review..... | Monthly. |
| FEDERAL RESERVE BANK OF CHICAGO. | Savings deposits in First Fed. Res. Dist..... | Business Conditions..... | Monthly. |
| | Savings deposits in Seventh Fed. Res. Dist..... | Business Conditions..... | Monthly. |
| FEDERAL RESERVE BANK OF CLEVELAND. | Agricultural pumps..... | Business Review..... | Monthly. |
| FEDERAL RESERVE BANK OF DALLAS. | Savings deposits in Fourth Fed. Res. Dist..... | | |
| FEDERAL RESERVE BANK OF KANSAS CITY. | Wholesale trade..... | Business Conditions..... | Monthly. |
| FEDERAL RESERVE BANK OF MINNEAPOLIS. | Wholesale trade..... | Business Conditions..... | Monthly. |
| FEDERAL RESERVE BANK OF NEW YORK. | Retail sales of lumber by rural yards..... | Business Conditions..... | Monthly. |
| FEDERAL RESERVE BANK OF PHILADELPHIA. | Foreign exchange rates and index..... | Fed. Res. Bull. and daily statement *..... | Daily and monthly. |
| FEDERAL RESERVE BANK OF RICHMOND. | Savings deposits in Second Fed. Res. Dist..... | Monthly Review..... | Monthly. |
| FEDERAL RESERVE BANK OF SAN FRANCISCO. | Savings deposits in Third Fed. Res. Dist..... | Business and Financial Conditions..... | Monthly. |
| FEDERAL RESERVE BOARD. | Wholesale trade..... | Business and Financial Conditions..... | Monthly. |
| | Savings deposits in Fifth Fed. Res. Dist..... | Business and Agricultural Conditions..... | Monthly. |
| | Wholesale trade..... | Business and Agricultural Conditions..... | Monthly. |
| | Savings deposits in Twelfth Fed. Res. Dist..... | Business Conditions..... | Monthly. |
| | Wholesale trade..... | Business Conditions..... | Monthly. |
| | Foreign exchange index numbers..... | Federal Reserve Bulletin..... | Monthly (second week of month). |
| | Debts to individual accounts..... | Fed. Res. Bull. and weekly press releases *..... | Sunday papers and monthly. |
| | Condition of Federal reserve banks..... | Fed. Res. Bull. and weekly press releases *..... | Fri. morning papers and monthly. |
| | Condition of reporting member banks..... | Fed. Res. Bull. and weekly press releases *..... | Fri. afternoon papers and monthly. |
| | Money held outside U. S. Treasury and Federal reserve system to July 1, 1922..... | Federal Reserve Bulletin..... | Monthly. |
| | Wholesale price index numbers..... | Federal Reserve Bulletin..... | Monthly. |
| | Department store trade; in cooperation with National Retail Dry Goods Association..... | Federal Reserve Bulletin..... | Monthly. |
| | Index numbers of department store, mail-order, and chain store trade..... | Federal Reserve Bulletin..... | Monthly. |
| | Barley and rye receipts..... | Federal Reserve Bulletin..... | Monthly. |
| | Sales of loose leaf tobacco..... | Federal Reserve Bulletin..... | Monthly. |
| | Index of ocean freight rates..... | Federal Reserve Bulletin..... | Monthly. |
| | Index numbers of production..... | Federal Reserve Bulletin..... | Monthly. |
| | Wholesale trade..... | Federal Reserve Bulletin..... | Monthly. |
| | Price index for France..... | Bulletin de la Statistique Generale..... | Monthly. |
| FRENCH MINISTRY OF LABOR AND SOCIAL WELFARE. | Employment in Illinois..... | The Employment Bulletin..... | Monthly. |
| ILLINOIS DEPARTMENT OF LABOR. | Price index for India..... | Federal Reserve Bulletin..... | Second week of month. |
| INDIAN DEPARTMENT OF STATISTICS. | Railway revenues and expenses..... | Preliminary statement of operations of Class I roads..... | Monthly. |
| INTERSTATE COMMERCE COMMISSION. | Telephone operating revenue and income..... | Operations of large telephone companies..... | Monthly. |
| | Telegraph operations and income..... | Not published..... | |
| | Express operations and income..... | Not published..... | |
| MASSACHUSETTS DEPARTMENT OF LABOR AND INDUSTRIES. | Massachusetts employment..... | Monthly statement *..... | |

* Multigraphed or mimeographed sheets.

¹ This is not necessarily the source of the figures published in the SURVEY as many of them are obtained direct from the compilers prior to publication in the respective journals. This column and the right-hand column have been added to assist readers in obtaining current statistics between publication dates of the SURVEY.

SOURCES OF DATA—Continued.

| SOURCE. | DATA. | CURRENT PUBLICATION. | DATE OF PUBLICATION. |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|
| I.—REPORTS FROM GOVERNMENT DEPARTMENTS, FEDERAL, STATE, AND FOREIGN—Continued. | | | |
| MASSACHUSETTS DEPARTMENT OF PUBLIC UTILITIES. | Milk receipts at Boston..... | Not published..... | |
| NEW YORK STATE DEPARTMENT OF LABOR. | New York State factory employment and earnings. | Labor Market Bulletin and press releases *. | Monthly. |
| NEW YORK STATE DEPARTMENT OF PUBLIC WORKS. | New York State canal traffic..... | Annual report..... | Yearly. |
| PANAMA CANAL..... | Panama Canal traffic..... | The Panama Canal Record..... | Last weekly issue of month. |
| PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY. | Unemployment in Pennsylvania..... | Semi-monthly report *. | Semi-monthly. |
| U. S. DEPARTMENT OF AGRICULTURE—BUREAU OF ANIMAL INDUSTRY. | Beef, pork, and lamb production..... | Market Reporter *. | Last weekly issue of month or first of next month. |
| U. S. DEPARTMENT OF AGRICULTURE—BUREAU OF AGRICULTURAL ECONOMICS. | Prices of farm products to producer..... | Monthly Crop Reporter *. | Monthly. |
| | Wool stocks in dealers' hands..... | Market Reporter *. | First weekly issue of month. |
| | Crop production..... | Monthly Crop Reporter * and press releases *. | Releases about 1st of month (cotton) and 10th (other crops). |
| | Cold-storage holdings and fish frozen..... | Market Reporter *. | Fourth weekly issue of month. |
| | Movement of cattle, hogs, and sheep..... | Market Reporter *. | Third weekly issue of month. |
| | Receipts of butter, cheese, eggs, and poultry..... | Market Reporter *. | Weekly. |
| | Production of dairy products..... | Market Reporter *. | Quarterly. |
| | Car lot shipments of fruits and vegetables..... | Market Reporter *. | Third weekly issue of month. |
| | Farm labor, wages, supply, etc..... | Monthly Crop Reporter *. | Monthly. |
| | World crop production..... | Foreign crops and markets *. | Weekly. |
| U. S. DEPARTMENT OF AGRICULTURE—FOREST SERVICE. | Livestock on farms..... | Market Reporter *. | Annually. |
| | Total lumber production from 1913 to 1920..... | Production of Lumber, Lath, and Shingles. | Yearly. |
| | Wood pulp production, 1914 and 1916..... | Pulp Wood Consumption and Wood-Pulp Production. | Yearly. |
| U. S. DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS. | Cotton ginned..... | Preliminary report on ginnings *. | Semi-monthly during season. |
| | Cotton consumed and on hand..... | Preliminary report on cotton consumed..... | 15th of month. |
| | Active textile machinery..... | Wool machinery and cotton spindles *. | 20th of month. |
| | Leather, hides, shoes, production and stocks..... | Census of hides, skins, and leather *. | First week of month. |
| | Cottonseed and cottonseed oil..... | Preliminary report on cottonseed..... | 18th of month. |
| | Hosiery statistics..... | Press release *. | 30th of month. |
| | Men's and boys' clothing..... | Press release *. | 30th of month. |
| | Malleable castings..... | Press release *. | 30th of month. |
| | Wheat flour production from May, 1923..... | Press release *. | 30th of month. |
| | Pyroxylin coated textiles..... | Press release *. | 30th of month. |
| | Stokers, sales from January, 1923..... | Press release *. | 20th of month. |
| | Stocks of tobacco held..... | Statement on stocks of leaf tobacco..... | One month after end of quarter. |
| | Wool consumption and stocks..... | Press release *. | Quarterly. |
| | Work clothing..... | Press release *. | 30th of month. |
| | Cast-iron pipe..... | Press release *. | 25th of month. |
| | Production indexes of raw materials and manufactures..... | Survey of Current Business..... | Monthly. |
| | Fats and oils, production, consumption, and stocks..... | Statistics of fats and oils *. | Quarterly (one month after end of quarter). |
| | Fabricated structural steel sales from April, 1922..... | Press release *. | 15th of month. |
| | Automobile production from July, 1921..... | Press release *. | 20th of month. |
| | Wood chemical operations..... | Press release *. | 30th of month. |
| | Steel castings sales..... | Press release *. | 20th of month. |
| | Steel furniture shipments..... | Press release *. | 20th of month. |
| | Earnings of public utilities..... | Survey of Current Business..... | Monthly. |
| | Plumbing goods price index..... | Survey of Current Business..... | Monthly. |
| | Fish catch at principal fishing ports..... | Monthly statement..... | |
| U. S. DEPARTMENT OF COMMERCE—BUREAU OF FISHERIES. | All imports and exports..... | Monthly Summary of Foreign Commerce. (Part I.) ¹ | Last week of month. |
| U. S. DEPARTMENT OF COMMERCE—BUREAU OF FOREIGN AND DOMESTIC COMMERCE. | Fuel loaded for consumption by vessels at principal clearing ports. | Not published..... | |
| | Tonnage of vessels, entered and cleared in United States foreign trade. | Monthly Summary of Foreign Commerce. (Part II.) | Middle of next month. |
| | Data on trade, employment and coal and iron production of foreign countries. | Various foreign sources..... | |
| | Wholesale price of wool..... | Wholesale Prices..... | Yearly. |
| | Warehouse stocks of rice..... | Monthly Summary of Foreign Commerce. (Part II.) | Monthly. |
| U. S. DEPARTMENT OF COMMERCE—BUREAU OF NAVIGATION. | Vessels under construction and vessels completed. | Commerce Reports..... | First weekly issue of month (Mondays). |
| U. S. DEPARTMENT OF COMMERCE—BUREAU OF STANDARDS. | Building material price indexes..... | Not published..... | |
| U. S. GRAIN CORPORATION..... | Wheat flour production, prior to July, 1920..... | No longer published..... | |
| U. S. DEPARTMENT OF THE INTERIOR—BUREAU OF MINES. | Refined petroleum products, production, etc..... | Refinery Statistics *. | Second week of month. |
| U. S. DEPARTMENT OF THE INTERIOR—GEOLOGICAL SURVEY. | Portland cement, production, etc..... | Report on Portland cement output *. | 20th of month. |
| | Coal and coke production..... | Weekly report on production of coal *. | Second or third weekly issue of month (Saturdays). |
| | Crude petroleum, production, etc..... | Preliminary statistics on petroleum *. | 25th of month. |
| | Electric power production..... | Production of electric power *. | End of month. |
| | Consumption of fuel by public utility plants. | Production of electric power *. | End of month. |
| | Figures on nonferrous metal production..... | Mineral Resources..... | Annually. |
| | Patents granted..... | Not published..... | |
| U. S. DEPARTMENT OF THE INTERIOR—U. S. PATENT OFFICE. | Visitors to National Parks..... | Not published..... | Monthly. |
| U. S. DEPARTMENT OF THE INTERIOR—DIVISION OF NATIONAL PARKS. | Number on pay roll—United States factories. | Industrial Survey *. | First week of month. |
| U. S. DEPARTMENT OF LABOR—EMPLOYMENT SERVICE. | Employment agency operations..... | Report of Activities of State and Municipal Employment Agencies. | Every 4 or 5 weeks. |
| | Immigration and emigration statistics..... | Not published..... | |
| U. S. DEPARTMENT OF LABOR—BUREAU OF IMMIGRATION. | Wholesale prices of commodities, including farm products, food, clothing, metals, etc. | Wholesale Prices of Commodities..... | |
| U. S. DEPARTMENT OF LABOR—BUREAU OF LABOR STATISTICS. | Wholesale price index..... | Monthly Labor Review..... | Monthly. |
| | Retail price index of foods..... | Monthly Labor Review..... | Monthly. |
| | Retail coal prices..... | Monthly Labor Review..... | Monthly. |
| | United States postal savings..... | Postal Savings News Bulletin..... | 12th of month. |
| U. S. POST OFFICE DEPARTMENT..... | Postal receipts..... | Statement of Postal Receipts *. | 7th of month. |
| U. S. DEPARTMENT OF STATE..... | Passports issued..... | Not published..... | 10th of month. |
| U. S. TREASURY DEPARTMENT..... | Government debt, receipts and disbursements. | Daily Statement of the U. S. Treasury..... | Last day of month. |
| | Money in circulation from July 1, 1922..... | Circulation of money..... | Monthly. |

* Multigraphed or mimeographed sheets.

¹ Imports and exports of gold and silver in Part II.² Beginning Jan. 7, 1922, combined into new publication called, *Weather, Crops, and Markets*, issued weekly.

SOURCES OF DATA—Continued.

| SOURCE. | DATA. | CURRENT PUBLICATION. | DATE OF PUBLICATION. |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| I.—REPORTS FROM GOVERNMENT DEPARTMENTS, FEDERAL, STATE, AND FOREIGN—Continued. | | | |
| U. S. TREASURY DEPARTMENT—BUREAU OF THE MINT. | Domestic receipts of gold at mint..... | Not published..... | |
| U. S. TREASURY DEPARTMENT—BUREAU OF INTERNAL REVENUE. | Oleomargarine production..... Consumption of manufactured tobacco, snuff, cigars, cigarettes, and oleomargarine. Internal Revenue taxes on specified articles..... | Not published..... Statement of tax-paid products *..... | First week of month. |
| U. S. WAR DEPARTMENT—ENGINEER CORPS. | Iron ore movement..... Sault Ste. Marie Canal traffic..... Ohio River cargo traffic..... Barce traffic on Mississippi River..... | Classified collections of Internal Revenue..... Monthly statistical report..... Monthly statistical report..... Not published..... | 25th of month. Monthly during season. Monthly during season. Monthly. |
| U. S. WAR DEPARTMENT—MISSISSIPPI WARrior SERVICE. | Agricultural loans..... | Not published in form used..... | |
| WAR FINANCE CORPORATION..... | Wisconsin factory earnings and employment..... | Bulletin on Wisconsin labor market *..... | 15th of month. |
| WISCONSIN INDUSTRIAL COMMISSION..... | | | |

II.—REPORTS FROM TRADE ASSOCIATIONS AND PRIVATE ORGANIZATIONS.

Excluding individual firms reporting data to be combined with other firms or trade associations.)

| | | | |
|----------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------|-------------------------------|
| ABERTHAW CONSTRUCTION CO..... | Building costs..... | Construction trade papers..... | |
| ABRASIVE PAPER AND CLOTH MANUFACTURERS' EXCHANGE. | Sale of abrasive paper and cloth..... | Not published..... | |
| AMERICAN MANUFACTURERS ASSOCIATION OF PRODUCTION FROM CORN. | Corn ground into starch, glucose, etc..... | Not published..... | |
| AMERICAN BUREAU OF METAL STATISTICS. | Copper production..... | Not published..... | |
| | Silver production..... | Not published..... | |
| | Lead production..... | Not published..... | |
| | Zinc production in Belgium..... | Not published..... | |
| | Zinc stocks in United Kingdom..... | Not published..... | |
| AMERICAN FACE BRICK ASSOCIATION. | Face brick production, stocks, etc..... | Not published..... | |
| AMERICAN NEWSPAPER PUBLISHERS' ASSOCIATION. | Stocks of newsprint paper..... | Monthly report..... | Monthly. |
| AMERICAN IRON AND STEEL INSTITUTE. | Steel ingot production..... | Press release to trade papers *..... | 7th of month. |
| AMERICAN PETROLEUM INSTITUTE. | Gasoline and kerosene consumption..... | Special statement..... | |
| AMERICAN PIG IRON ASSOCIATION. | Merchant pig iron production, etc..... | Not published..... | |
| AMERICAN RAILWAY ASSOCIATION (Car Service Division). | Freight car surplus and shortage..... | Car Surpluses and Shortages *..... | Weekly. |
| AMERICAN TELEPHONE AND TELEGRAPH CO. | Car loadings and bad-order cars..... | Information Bulletin *..... | Weekly. |
| AMERICAN WALNUT MANUFACTURERS' ASSOCIATION. | Stockholders in the company..... | Financial papers..... | Third week of month |
| AMERICAN WRITING PAPER COMPANY. | Walnut lumber and logs..... | Not published..... | Quarterly. |
| AMERICAN ZINC INSTITUTE..... | Purchases and sales of paper..... | Not published..... | |
| | Production and stocks of zinc, retorts operating..... | Press release to trade papers *..... | 13th of month. |
| ANTHRACITE BUREAU OF INFORMATION ASSOCIATED KNIT UNDERWEAR MANUFACTURERS' ASSOCIATION. | Anthracite shipments and stocks..... | Statement of anthracite shipments *..... | 15th of month. |
| ASSOCIATION OF LIFE INSURANCE PRESIDENTS. | Knit underwear production..... | Monthly report *..... | Monthly. |
| BOSTON, CAPE COD AND NEW YORK CANAL CO. | New life insurance business..... | Not published..... | |
| BOSTON CHAMBER OF COMMERCE..... | Premium collections..... | Not published..... | |
| BRIDGE BUILDERS AND STRUCTURAL SOCIETY. | Cape Cod Canal traffic..... | Not published..... | |
| BUREAU OF RAILWAY ECONOMICS..... | Receipts of wool at Boston..... | Trade papers..... | Daily. |
| | Fabricated structural steel sales before April, 1922..... | No longer published..... | |
| | Number of tons carried 1 mile..... | Summary of operating statistics..... | Monthly. |
| | Average receipts per ton-mile..... | Not published..... | |
| | Passengers carried 1 mile..... | Summary of operating statistics..... | Monthly. |
| | Railway employment..... | Not published..... | |
| | Locomotives in bad order..... | Not published..... | |
| | Per cent of earnings on valuation..... | Not published..... | |
| CALIFORNIA REDWOOD ASSOCIATION. | Redwood lumber production, etc..... | Not published..... | |
| CALIFORNIA WHITE AND SUGAR PINE ASSOCIATION. | Sugar pine lumber production, etc..... | Not published..... | |
| CHICAGO BOARD OF TRADE..... | Wheat, corn and oats, receipts, etc..... | Trade papers..... | Daily. |
| CHILDS CO..... | Restaurant sales..... | Monthly report..... | Monthly. |
| CLEVELAND TRUST CO..... | Automobile production, monthly, January, 1920, to June, 1921..... | Not published currently..... | |
| COMPAGNIE UNIVERSELLE DU CANAL MARITIME DE SUEZ. | Suez Canal traffic..... | Le Canal de Suez..... | 5th, 15th, and 25th of month. |
| CONTAINER CLUB..... | Production of paper box board through April, 1923..... | Not published..... | |
| CREDIT CLEARING HOUSE..... | Credit conditions..... | Credit..... | Weekly. |
| DAIRYMEN'S LEAGUE COOPERATIVE ASSOCIATION, INC. | Milk deliveries to milk plants..... | Not published..... | |
| F. W. DODGE CORP..... | Building statistics—Contracts awarded..... | Statement on Building Statistics..... | Monthly. |
| EMPLOYERS' ASSOCIATION OF DETROIT. | Detroit factory employment..... | Weekly press release..... | |
| ENAMELED SANITARY MANUFACTURERS ASSOCIATION. | Enamelled sanitary ware..... | Not published..... | |
| FEDERATION OF IRON AND STEEL MANUFACTURERS (British). | British iron and steel production..... | Trade papers..... | Second week of month. |
| FELT MANUFACTURERS ASSOCIATION..... | Roofing felt production, stocks, etc..... | Not published..... | |
| FINE COTTON GOODS EXCHANGE..... | Fine cotton goods production and sales..... | Trade papers..... | |
| FIRE EXTINGUISHER EXCHANGE..... | Shipments of fire extinguishers..... | Not published..... | |
| FOUNDRY EQUIPMENT MANUFACTURERS' ASSOCIATION. | Foundry equipment production..... | Not published..... | |
| HARDWOOD MANUFACTURERS INSTITUTE. | Stocks and unfilled orders hardwood lumber..... | Monthly report..... | Monthly. |
| HAFFARDS, G. M., & CO..... | Fall River Mill dividends..... | Bradstreets..... | Quarterly. |
| HYDRAULIC SOCIETY..... | Hydraulic machinery shipments, etc..... | Not published..... | |
| ILLUMINATING GLASSWARE GUILD..... | ILLuminating glassware production, orders, etc..... | Not published..... | |
| IOWA-NEBRASKA CANNERS' ASSOCIATION. | Unsold stock of sweet corn..... | Weekly report *..... | Weekly. |
| JACKSONVILLE CHAMBER OF COMMERCE. | Turpentine and rosin receipts..... | Naval Stores Review..... | Weekly. |
| JONES BROS. TEA CO..... | Sales..... | Financial papers..... | Weekly. |
| LAKE SUPERIOR IRON ORE ASSOCIATION. | Consumption and Stocks of Lake Superior Iron Ore..... | Monthly report *..... | Monthly. |
| LEATHER BELTING EXCHANGE..... | Sales of leather belting..... | Monthly report (not published)..... | |
| MAPLE FLOORING MANUFACTURERS' ASSOCIATION. | Maple flooring production, etc..... | Not published..... | |
| MCLEAN BUILDING REPORTS, LTD..... | Canadian building contracts..... | Canadian Building Review..... | Monthly. |

* Multigraphed or mimeographed sheet

SOURCES OF DATA—Continued.

| SOURCE. | DATA. | CURRENT PUBLICATION. | DATE OF PUBLICATION. |
|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------|-----------------------|
| II.—REPORTS FROM TRADE ASSOCIATIONS AND PRIVATE ORGANIZATIONS—Continued. | | | |
| (Excluding individual firms reporting data to be combined with other firms or trade associations.) | | | |
| MERCHANTS' EXCHANGE OF ST. LOUIS.. | Receipts and shipments of lead and zinc..... | Receipts and shipments at St. Louis..... | 3d of month. |
| MICHIGAN HARDWOOD MANUFACTURERS' ASSOCIATION. | Mississippi River traffic..... | Not published..... | |
| MINNEAPOLIS CHAMBER OF COMMERCE. | Hardwood and softwood lumber, production and shipments..... | Not published..... | |
| NATIONAL ALLIANCE OF CASE GOODS ASSOCIATION. | Linseed oil and oil-cake shipments..... | Monthly statements..... | |
| NATIONAL ASSOCIATION OF BRASS MANUFACTURERS. | Unfilled orders and shipments of furniture..... | Not published in form used..... | |
| NATIONAL ASSOCIATION OF BUTTON MANUFACTURERS. | Brass faucets, orders and shipments..... | Not published..... | |
| NATIONAL ASSOCIATION OF CHAIR MANUFACTURERS. | Button stocks, activity, etc..... | Weekly report..... | Weekly. |
| NATIONAL ASSOCIATION OF CORRUGATED AND FIBER BOX MANUFACTURERS. | Chair shipments and unfilled orders..... | Not published in form used..... | |
| NATIONAL ASSOCIATION OF FARM EQUIPMENT MANUFACTURERS. | Production of paper box board through April, 1923. | Not published..... | |
| NATIONAL ASSOCIATION OF FINISHERS OF COTTON FABRICS. | Agricultural pumps..... | Business conditions (Chicago Federal Reserve). Not published..... | Monthly |
| NATIONAL ASSOCIATION OF HAT MANUFACTURERS. | Finished cotton goods, billings, orders, shipments, and stocks. | Not published..... | |
| NATIONAL ASSOCIATION OF STEEL FURNITURE MANUFACTURERS. | Hat production, etc., and stocks of fur..... | Not published..... | |
| NATIONAL ASSOCIATION OF SHEET AND TIN PLATE MANUFACTURERS. | Steel furniture shipments..... | Not published..... | |
| NATIONAL ASSOCIATION OF WOOL MANUFACTURERS. | Sheet-metal production and stocks..... | Not published..... | |
| NATIONAL AUTOMOBILE CHAMBER OF COMMERCE. | 1913 figures for active textile machinery..... | No longer published..... | |
| NATIONAL BOTTLE MANUFACTURERS' ASSOCIATION. | Production and shipments of passenger cars and trucks. | Traffic bulletin * (production figures not published). Not published..... | Second week of month. |
| NATIONAL CONTAINER ASSOCIATION.... | Glass bottle production index..... | Not published..... | |
| NATIONAL ELECTRICAL CREDIT ASSOCIATION. | Production of paper box board since April, 1923 | Not published..... | |
| NAT. INDUS. CONFERENCE BOARD..... | Credit conditions..... | Not published..... | |
| NATIONAL PAYING BRICK MANUFACTURERS' ASSOCIATION. | Cost of living..... | Monthly press release..... | 21st of month. |
| NATIONAL RETAIL DRY GOODS ASSO. | Paving-brick production, etc..... | Monthly report..... | |
| NATIONAL WOOD CHEMICAL ASSO..... | Department store trade (see Fed. Res. Bd.) | Federal Reserve Bulletin..... | Monthly. |
| NEW ORLEANS BOARD OF TRADE..... | Production of wood alcohol and acetate of lime. | Not published..... | |
| NEW ORLEANS COTTON EXCHANGE..... | Rice distribution through New Orleans..... | Monthly report..... | First week of month. |
| NEWS PRINT SERVICE BUREAU..... | Cotton receipts into sight..... | Monthly report..... | First week of month. |
| NEW YORK COFFEE AND SUGAR EX..... | Canadian newsprint production, etc. | Monthly bulletin..... | |
| NEW YORK METAL EXCHANGE..... | U. S. newsprint data since June, 1923..... | Monthly bulletin..... | |
| NEW YORK TRUST COMPANY..... | Coffee receipts, stocks, etc..... | Monthly statement..... | First week of month. |
| NORTH CAROLINA PINE ASSOCIATION.. | Stocks of tin..... | Trade papers..... | First week of month. |
| NORTHERN HEMLOCK AND HARDWOOD MANUFACTURERS' ASSOCIATION. | Indexes of stock and bond prices..... | The Index..... | Monthly. |
| NORTHERN PINE MANUFACTURERS' ASSOCIATION. | North Carolina pine, production, etc. | Not published..... | |
| OAK FLOORING MANUFACTURERS' ASSOCIATION. | Hemlock and hardwood lumber production, etc. | Not published..... | |
| OHIO FOUNDRYMEN'S ASSOCIATION... | Northern pine lumber and lath..... | Not published..... | |
| OPTICAL MANUFACTURERS' ASSO..... | Oak flooring, production, etc..... | Not published..... | |
| PENNSYLVANIA RAILROAD CO..... | Ohio foundry iron production..... | Monthly report * (not published)..... | |
| PENNSYLVANIA CHAMBER OF COMMERCE. | Spectacle frames and mountings, sales, etc. | Not published..... | |
| PHILADELPHIA MILK EXCHANGE..... | Stockholders in the company..... | Financial papers..... | Quarterly. |
| PORTLAND CEMENT ASSOCIATION..... | Turpentine and rosin receipts..... | Naval Stores Review..... | Weekly. |
| PREPARED ROOFING MANUFACTURERS' ASSOCIATION. | Milk receipts at Philadelphia..... | Not published..... | |
| PULLMAN COMPANY..... | Cement paving contracts..... | Concrete Highway Magazine..... | Monthly |
| REFRATORIES MANUFACTURERS' ASSOCIATION. | Shipments of prepared roofing..... | Not published..... | |
| RICE MILERS' ASSOCIATION..... | Pullman passenger traffic..... | Not published..... | |
| ROPE PAPER SACK MANUFACTURERS' ASSOCIATION. | Fire-clay brick production, etc. | Not published..... | |
| RUBBER ASSOCIATION OF AMERICA..... | Silica brick production, etc..... | Monthly report..... | |
| RUBBER GROWERS' ASSOCIATION..... | Rice receipts, stocks, etc..... | Not published..... | |
| SAVANNAH BOARD OF TRADE..... | Shipments of rope paper sacks..... | Not published..... | |
| SAVINGS BANKS ASSOCIATION OF STATE OF NEW YORK. | Automobile tires, tubes, and raw material..... | Monthly reports (not published)..... | Monthly. |
| SILK ASSOCIATION OF AMERICA..... | Rubber stocks in England..... | Bulletin of Rubber Growers Association... | Weekly. |
| SOUTHERN FURNITURE MANUFACTURERS' ASSOCIATION. | Turpentine and rosin receipts..... | Naval Stores Review..... | |
| SOUTHERN PINE ASSOCIATION..... | Savings banks deposits in New York State..... | Not published..... | |
| STEEL BARREL MANUFACTURERS' ASSOCIATION. | Raw silk consumption, etc..... | Monthly press release to trade papers *.... | 15th of month. |
| STEEL FOUNDERS' SOCIETY..... | Furniture shipments and unfilled orders..... | Not published in form used..... | |
| STOKER MANUFACTURERS' ASSOCIATION. | Yellow pine production and stocks..... | Monthly reports * (not published)..... | |
| STRUCTURAL STEEL SOCIETY..... | Steel barrel shipments, orders, etc..... | Not published..... | |
| TANNERS' COUNCIL..... | Sales of steel castings..... | Not published..... | |
| TUBULAR PLUMBING GOODS ASSOCIATION. | Sales of stokers through December, 1922..... | No longer published..... | |
| TWIN CITY MILK PRODUCERS' ASSOCIATION. | Sales of fabricated structural steel..... | Not published..... | |
| U. S. STEEL CORPORATION..... | Leather production through May, 1922..... | Not published..... | |
| UNITED TYPESETTERS OF AMERICA..... | Tubular plumbing sales..... | Semiweekly reports..... | |
| WALDORF SYSTEM, INC..... | Milk production, Minnesota..... | Not published..... | |
| WEST COAST LUMBERMEN'S ASSOCIATION. | Unfilled orders..... | Press release *..... | 10th of month. |
| WEBBING MANUFACTURERS' EXCHANGE. | Earnings..... | Press release *..... | Monthly. |
| WESTERN PINE MANUFACTURERS' ASSOCIATION. | Stockholders..... | Financial papers..... | Quarterly. |
| | Wages of common labor..... | Special reports *..... | Occasionally. |
| | Printing activity..... | Typothetae Bulletin..... | Monthly. |
| | Restaurant sales..... | Monthly press release *..... | |
| | Douglas fir lumber production, etc..... | Not published..... | |
| | Sales of elastic webbing..... | Not published..... | |
| | Western pine lumber production, etc..... | Not published..... | |

* Multigraphed or mimeographed sheets.

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| SOURCE. | DATA. | DATE OF PUBLICATION. |
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| III.—REPORTS FROM TECHNICAL PERIODICALS. | | |
| AMERICAN METAL MARKET..... | Composite pig iron and steel prices..... | First or second week of month (daily). |
| THE ANNALIST..... | New York stock sales..... | First weekly issue of month (Mondays). |
| | New York closing stock prices..... | Weekly (Mondays). |
| | Foreign exchange rates, 1914 to 1918..... | Weekly (Mondays). |
| THE BOND BUYER..... | State and municipal bond issues..... | First weekly issue of month (Saturdays). |
| | Municipal bond yields..... | First weekly issue of month (Saturdays). |
| BROADSTREET'S..... | Visible supply of wheat and corn..... | Weekly (Saturdays). |
| | Bank clearings, United States and Canada..... | First weekly issue of month (Saturdays). |
| | Wholesale price index..... | Second weekly issue of month (Saturdays). |
| | Business failures, Canada..... | First weekly issue of month (Saturdays). |
| BULLETIN DE LA STATISTIQUE GENERALE..... | Price index for France..... | Monthly. |
| CHEMICAL AND METALLURGICAL ENGINEERING..... | Chemical price index..... | Weekly (Wednesdays). |
| COAL AGE..... | Mine price of bituminous coal..... | Weekly (Thursdays). |
| COMMERCIAL AND FINANCIAL CHRONICLE..... | Cotton (visible supply)..... | Weekly (Saturdays). |
| | Interest rates..... | Weekly (Saturdays). |
| | Mail order and chain store sales..... | Second or third weekly issue of month (Saturdays). |
| | New corporate securities..... | Last issue of month. |
| DOW, JONES & CO. (WALL STREET JOURNAL)..... | New York bond sales and prices..... | First week of month (daily). |
| | Mexican petroleum shipments..... | 20th of month (daily). |
| DUN'S REVIEW..... | Business failures..... | First weekly issue of month (Saturdays). |
| | Wholesale price index..... | First weekly issue of month (Saturdays). |
| ELECTRICAL WORLD..... | Sales of electrical energy, central stations..... | First weekly issue of month (Saturdays). |
| ENGINEERING AND MINING JOURNAL-PRESS..... | Rand gold production..... | Second weekly issue of month (Saturdays). |
| | Silver prices..... | Second weekly issue of month (Saturdays). |
| ENGINEERING NEWS RECORD..... | Construction cost and volume index..... | First weekly issue of month. |
| FINANCIAL POST..... | Canadian bond issues..... | Weekly (Thursdays). |
| FRANKFURTER ZEITUNG..... | Price index for Germany..... | Monthly. |
| HAY TRADE JOURNAL..... | Hay receipts..... | Weekly (Fridays). |
| IRON AGE..... | Pig-iron production and furnaces in blast..... | First weekly issue of month (Thursdays). |
| | Composite finished steel price..... | Weekly (Thursdays). |
| IRON TRADE REVIEW..... | Iron and steel prices..... | Weekly (Thursdays). |
| | Railway freight car orders..... | First weekly issue of month (Thursdays). |
| LONDON ECONOMIST..... | Price index for United Kingdom..... | 10th of month. |
| LUMBER..... | Price indices of lumber..... | First weekly issue of month (Fridays). |
| MANUFACTURERS' RECORD..... | Southern construction..... | Monthly. |
| | Southern bond issues..... | Monthly. |
| MILK REPORTER..... | Milk receipts at Greater New York..... | Weekly. |
| MODERN MILLER..... | Argentine visible supply of wheat and corn..... | Weekly. |
| NAVAL STORES REVIEW..... | Turpentine and rosin, receipts and stocks..... | Weekly (Saturdays). |
| NEUE ZÜRCHER ZEITUNG..... | Price index for Switzerland..... | |
| NEW YORK JOURNAL OF COMMERCE..... | Dividend and interest payments..... | First week of month (daily). |
| | New capital issues and new corporations..... | First week of month (daily). |
| | Fire losses..... | 10th of month (daily). |
| NEW YORK EVENING POST..... | Newspaper advertising..... | Not published. |
| NORTHWESTERN MILLER..... | Flaxseed, receipts, etc..... | Weekly (Wednesdays). |
| | Wheat flour production for 1917..... | |
| OIL, PAINT, AND DRUG REPORTER..... | Price indices of drugs, oils, etc..... | Weekly (Mondays). |
| | Argentine visible supply of flaxseed..... | Weekly (Mondays). |
| OIL TRADE JOURNAL..... | Mexican petroleum shipments..... | 10th of month (monthly). |
| PRINTERS' INK..... | Magazine advertising..... | Second week of month. |
| PUBLISHERS' WEEKLY..... | Book production..... | Third week of month. |
| RUSSELL'S COMMERCIAL NEWS..... | Wheat flour production, from July, 1920..... | Weekly compilation (daily). |
| STATISTICAL SUGAR TRADE JOURNAL..... | Sugar stocks, receipts, meltings, and Cuban statistics..... | Weekly (Fridays). |
| STENSK HANDELSSTIDNING..... | Price index for Sweden..... | |

PUBLICATIONS OF THE DEPARTMENT OF COMMERCE.

Recent publications of the Department of Commerce having the most direct interest to readers of the *SURVEY OF CURRENT BUSINESS* are listed below. A complete list may be obtained by addressing the Division of Publications, Department of Commerce, at Washington. Copies of the publications may be purchased from the Superintendent of Documents, Government Printing Office, Washington, at the prices stated below. If no price is mentioned, the publication is distributed free.

BUREAU OF THE CENSUS.

[For circulars giving plan of publication and distribution of Fourteenth Census publications address the Director of the Census.]

Animal and vegetable fats and oils, 1919-1922.—24 pages. Price, 5 cents.

Volume II, Fourteenth Census Reports.—General report and analytical tables, 1,410 pages. Price, \$2.50.

Abstract of the Fourteenth Census Reports, 1920.—1,303 pages. Price, \$1.50.

Center of population and median lines, and centers of area, agriculture, manufactures, and cotton.—41 pages.

Mortality statistics, 1921 (bulletin).—112 pages. Price, 25 cents.

Annual report of the Director of the Census, 1922-23.—46 pages.

Industry bulletins, Census of Manufactures, 1921.—Coke, 11 pages; Canning and preserving, 30 pages; Cast-iron pipe, 7 pages; Knit goods, 16 pages.

Estimates of population of the United States, 1910-1923.—140 pages. Price, 15 cents.

BUREAU OF FOREIGN AND DOMESTIC COMMERCE.

Commerce Reports.—A weekly survey of foreign trade. Cable summaries of world conditions and articles on situation in various commodities in foreign countries. Quarto, 72 pages. Price, 10 cents per copy; \$3 per year (\$5 for foreign).

Monthly Summary of Foreign Commerce of the United States.—Parts 1 and 2. Gives total values by countries and by customs districts, movements of gold and silver in foreign trade, merchandise remaining in warehouse, and trade with noncontiguous territories of the United States. Price, 10 cents, including both parts; \$1 per year.

Trade and Economics Reviews of Foreign Countries, 1922.—Annual reports of consular officers issued in separate pamphlets as Supplements to Commerce Reports. These reviews contain statistics of foreign trade for 1922. The following have become available since the November announcement: No. 22, Norway; No. 23, Ecuador; No. 24, Chile; No. 25, Bolivia; No. 26, Guatemala; No. 27, Costa Rica; No. 28, Union of South Africa; No. 29, Salvador; No. 31, Madagascar; No. 32, Dominican Republic.

Economic Development in Argentina since 1921, by M. A. Phoebus of the Latin American Division. Trade Information Bulletin No. 156; 14 pages. The review considers conditions in Argentina from the point of industry, trade, and finance, and traces the recovery of the country from the depression of 1920-21.

Foreign Trade of the United States for the Fiscal Year 1922-23, prepared in the Division of Research. Trade Information Bulletin No. 157; 51 pages. A detailed statistical analysis of United States trade.

Economic Conditions in Cuba, by Paul L. Edwards, acting commercial attaché, Habana. Trade Information Bulletin No. 159; 18 pages. The purpose of the report is to give a clear statement of current conditions in Cuba, and to provide American exporters with a general guide for interpreting the present economic and financial status of Cuba.

Belgian Wool Industry, by S. H. Cross, acting commercial attaché, Brussels. Trade Information Bulletin No. 160; 15 pages. The report treats of the sources of raw materials, production of yarn and fabrics, sources of machinery and equipment, capital and ownership of plants, labor and wage problems, and trade in manufactured products.

London Market for American Textiles, by Hugh D. Butler, American trade commissioner, London. Trade Information Bulletin No. 161; 16 pages. According to this report, a market exists for certain classes of American textiles in Great Britain, and specific suggestions are given for the development of that market.

BUREAU OF FISHERIES.

Aquatic Plants in Pond Culture (second edition), by John W. Titecomb, formerly chief of Division of Fish Culture. Document No. 948; 24 pages. Among the topics discussed are the importance of aquatic plants in pond culture, objectionable aspects of pond vegetation, and methods of controlling and eliminating undesirable plants. Price, 10 cents.

Significance of Larval Mantle of Fresh-Water Mussels during Parasitism, with Notes on a New Mantle Condition Exhibited by Lampsilis Luteola, by Chester N. Blystad. Document No. 950; 17 pages. Price, 10 cents.

Toxicities of Coal-Tar Creosote, Creosote Distillates, and Individual Constituents for the Marine Wood Borer Limnoria Liqueorum, by L. F. Shackell. Document No. 952; 10 pages. Price, 5 cents.

BUREAU OF STANDARDS.

A Study of Radio Signal Fading, by J. H. Dillinger and L. E. Whittemore, physicists, and S. Kruse, associate radio engineer. Scientific Paper No. 476; 38 pages. Price, 10 cents.

Dynamometer Tests of Automobile Tires, by W. L. Holt, associate mechanical engineer, and P. L. Wormeley, physicist. Technologic Paper No. 240; 21 pages. The report is a continuation of the work described in Technologic Paper No. 213, *Power Losses in Automobile Tires*. Price, 10 cents.

Standards for Electric Service (second edition).—Discusses the various factors contributing to the adequacy and safety of electric service; rules and regulations for electric service by State public utility commissions. Appendixes summarize laws of the States on electric service regulations, give tables showing results of various tests, and statistics on the development of the electrical industry. Circular No. 56; 344 pages. Price, 60 cents.

Leather Belting, United States Government Specification. Circular No. 148. Contains standard specifications officially adopted by the Federal Specifications Board for the use of Government Departments in the purchase of materials.

BUREAU OF NAVIGATION.

Seagoing Vessels of the United States, 1923.—Part VI of the fifty-fifth annual list of merchant vessels of the United States for the year ended June 30, 1923. Price, 35 cents.

Commercial and Government Radio Stations of the United States, edition of June 30, 1923. Price, 15 cents.

Amateur Radio Stations of the United States, edition of June 30, 1923. Price, 25 cents.

COAST AND GEODETIC SURVEY.

Magnetic Observations.—Results of observations made near Honolulu, Hawaii, 1919 and 1920; serial No. 200; 97 pages, quarto; price, 20 cents. Results of observations made at Cheltenham, Md., 1919 and 1920; serial No. 214; 97 pages, quarto; price, 30 cents.

Catalogue of United States Coast and Geodetic Survey Charts, Coast Pilots, Tide Tables, and Current Tables, August 1, 1923.

Deep-Sea Soundings, Atlantic and Pacific Oceans and Caribbean Sea, 1919 and 1922.—Special Publication No. 97; 30 pages. Price, 15 cents.

BUREAU OF LIGHTHOUSES.

Buoy Lists.—Florida Reefs and Gulf Coast to Cedar Keys (corrected to October 1, 1923), seventh district; Cedar Keys to the Rio Grande (corrected to October 15, 1923), eighth district. Price, 20 cents each.

DEPARTMENT OF COMMERCE.

HERBERT HOOVER, Secretary of Commerce.

BUREAU OF THE CENSUS.

WILLIAM M STEUART, Director.

Chief functions.

The taking of the decennial census covering population, agriculture, manufactures, mines and quarries, and forest products.

Decennial report on wealth, public debt, and taxation, including principal financial statistics on Federal, State, county, city, and township governments.

Annual financial statistics of State and municipal governments—Sources of revenue, objects of payments, debt, and tax levies.

Decennial statistics relating to inmates of institutions, including paupers, insane, prisoners, and juvenile delinquents.

A census of agriculture in each middecennial year, a biennial census of manufactures, a quinquennial census of electrical public utilities, statistics of marriage and divorce.

Annual statistics of births, deaths, causes of death, etc., in the registration area of the United States.

Quarterly statistics of leaf tobacco stocks and of production, stocks, and consumption of fats and oils.

Monthly or semimonthly statistics of cotton ginning; cotton stocks and consumption; the production, stocks, and consumption of hides and leather; the production of shoes; and statistics of active textile machinery and of movements in an increasing number of other industries.

The compilation and publication, in the "Survey of Current Business," of monthly commercial and industrial statistics.

BUREAU OF FOREIGN AND DOMESTIC COMMERCE.

JULIUS KLEIN, Director

Chief functions.

The compilation of timely information concerning world market conditions and openings for American products in foreign countries secured through commercial attachés and trade commissioners of the Department of Commerce and the foreign service of the Department of State. The distribution of such information to American business through weekly "Commerce reports," special bulletins, confidential circulars, the news and trade press, correspondence, and personal contact. Approximately 3,000 trade inquiries are answered daily by the bureau and its nine district offices.

The maintenance of commodity, technical, and geographical divisions to afford special service to American export industries.

The compilation and distribution of names of possible buyers and agents for American products in all parts of the world and the publication of weekly lists of specific sales opportunities abroad.

The maintenance of 33 district and cooperative offices in that many cities in the United States to expedite delivery of market information to business men and to keep the department advised as to the urgent requirements of American trades and industries.

The publication of official statistics on imports and exports.

The study of the processes of domestic trade and commerce, with a view to their improvement and the dissemination of information obtained for the benefit of the public, as well as of those directly concerned.

BUREAU OF STANDARDS.

GEORGE K. BURGESS, Director.

Chief functions.

Custody of standards of measurement, quality, performance, or practice adopted or recognized by the Government. Development and construction of such standards when necessary. Testing and calibration of apparatus and comparison of standards used by scientific or other institutions with those in the custody of the bureau.

Determination of physical constants and properties of materials.

The testing of materials and the establishment of standards and processes in cooperation with commercial firms or organizations.

Industrial researches covering structural, engineering, and miscellaneous materials, radio, radium, mechanical appliances, sugar technology, leather, paper, rubber, and textiles; clay products, glass, and refractories, metals and metallurgy, and similar groups of subjects.

The collection and dissemination of information showing approved methods in building, planning, and construction, including building materials and codes and such other matters as may encourage, improve, and cheapen construction and housing.

Studies on simplified commercial practices and the establishment of such practices through cooperative business organizations.

The Bureau publishes six series of scientific and technical publications, reporting the results of its researches and giving technical data fundamental to industry.

The Director of the Bureau has supervision of the preparation of technical specifications through the Federal Specifications Board.

BUREAU OF FISHERIES.

HENRY O'MALLEY, Commissioner.

Chief functions.

The propagation of useful food fishes, including lobsters, oysters, and other shellfish, and their distribution to suitable waters.

Investigations of fish culture, fish diseases, and for the conservation of fishery resources and the development of commercial fisheries.

The study of the methods of the fisheries and fishery industries and the utilization of fishery products.

The collection of statistics of fisheries.

The administration of the Alaska salmon fisheries, the fur-seal herd on the Pribilof Islands, and the law for the protection of sponges off the coast of Florida.

BUREAU OF LIGHTHOUSES.

GEORGE R. PUTNAM, Commissioner.

Chief functions.

The establishment and maintenance of lighthouses, lightships, buoys, and other aids to navigation on the sea and the lake coasts and on the rivers of the United States, including Alaska, Hawaiian Islands, and Porto Rico.

The publication of Light Lists, Buoy Lists, and Notices to Mariners, including information regarding all aids to navigation maintained by the Lighthouse Service.

COAST AND GEODETIC SURVEY.

E. LESTER JONES, Director.

Chief functions.

The survey of the coasts of the United States and the publication of charts needed for the navigation of the adjacent waters, including Alaska, the Philippine Islands, Hawaii, Porto Rico, the Virgin Islands, and the Canal Zone.

A comprehensive geodetic system, extending into the interior, connects and coordinates the surveys of the coasts, and is designed to furnish accurately determined points and elevations in all parts of the country. These are available as a basis for Federal, State, and municipal surveys, and engineering projects of every kind. The magnetic declination has been determined at a large number of stations throughout the country, and the results are available for the use of surveyors and engineers.

The technical operations include base measures, triangulation, traverse, precise leveling, the determination of latitude and azimuth, the determination of difference of longitude by telegraph or radio, magnetic observations and researches, the preparation of magnetic maps, the determination of the force of gravity, topography, hydrography, deep-sea soundings, water temperatures, tidal and current observations.

The results are published in the form of charts on various scales, annual reports, coast pilots, tide tables (published annually in advance), current tables, digests of geodetic publications, and special publications.

BUREAU OF NAVIGATION.

D. B. CARSON, Commissioner.

Chief functions.

General superintendence of commercial marine and merchant seamen.

Supervision of registering, enrolling, licensing, numbering, etc., of vessels under the United States flag, and the annual publication of a list of such vessels.

The enforcement of the navigation and steamboat inspection laws and the laws governing radio communication, as well as duties connected with fees, fines, tonnage taxes, refunds, etc., originating under such laws.

STEAMBOAT INSPECTION SERVICE.

GEORGE UHLER, Supervising Inspector General.

Chief functions.

The inspection of vessels, the licensing of the officers of vessels, and the administration of laws relating to such vessels and their officers. The certification of able seamen who form the crews of merchant vessels.

The inspection of vessels, including the types of boilers; the testing of all materials subject to tensile strain in marine boilers; the inspection of hulls and of life-saving equipment.