VOL. 4, No. 7-JULY 30, 1921

AGRICULTURAL PRODUCTION IN THE SEVENTH FEDERAL RESERVE DIStrict, even with the wheat and oat crops falling somewhat short of earlier predictions, is regarded as sufficient to enable the farmer to pay current bills and liquidate a considerable portion of his bank indebtedness, if he is able to market his products. This statement, however, will not apply with equal force to all sections of the district. His problem now is becoming one of markets and transportation instead of one of production and, together with the manufacturer, he is beginning to realize more and more the vital importance of the resumption of purchases by the European consumer in the American market and the clearing up of the foreign exchange situation.

Meantime, manufacturing and mercantile business is reflecting a distinct disposition on the part of the domestic consumer to buy only what is absolutely necessary, and not to look so much at the intrinsic value as at the price-mark to determine whether the particular article sought is being offered at a substantial reduction from the peak of a year ago. In the agricultural sections, because of the early and far-reaching readjustment in prices of farm products, the disposition is to be more insistent regarding price concessions than in the manufacturing centers.

## CONSUMPTION OF MEATS PER CAPITA SHOWS A DECREASE

Statistics reveal that during the first five months of 1921 the people of the United States consumed less meat per capita than in the corresponding period of the previous year, this reduction in the consumption of all meats being eight-tenths of a pound. The chief curtailment in meat consumption was in beef and veal, as can be seen in the accompanying table.

|  | BEEF \& VEAL POUNDS |  | PORK POUNDS |  | LAMB \& MUTTON POUNDS |  | total POUNDS |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1921 | 1920 | 1921 | 1920 | 1921 | 1920 | 1921 | 1920 |
| January. | 3.69 | 4.66 | $5 \cdot 49$ | $5 \cdot 35$ | . 53 | . 40 | 9.71 | 10.41 |
| February | 2.85 | 3.82 | 4.36 | 3.08 | . 43 | . 35 | 7.64 | 7.25 |
| March.. | 3.64 | 4.38 | 4.46 | 4.03 | .48 | -33 | 8.58 | 8.74 |
| April | 3.47 | 4.07 | 4.76 | 3.78 | 40 | . 29 | 8.63 | 8.14 |
| May. | 3.42 | 4.31 | 4.78 | 4.82 | .36 | . 25 | 8.56 | 9.38 |
| Total. | 17.07 | 21.24 | 23.85 | 21.06 | 2.20 | 1.62 | 43.12 | $43 \cdot 92$ |
| Decrease | 4.17 |  | 2.79* |  | 0. $5^{8 *}$ |  | 0.80 |  |

Six months statistics, compared with the corresponding period of a year ago, show a greater percentage of decrease in total shipments of cattle and calves than in total receipts. There was a decrease in local slaughter of 8.7 per cent, while the shipments of stockers and feeders back to the farms were 24.8 per cent less. Government earlier reports show smaller farm holdings.

The tendency now is toward an increase in the feeding of hogs, as is indicated by the movement of hog feeders. The slaughter of sheep is heavier, while the movement of sheep feeders and stockers to the farms is about half that of a year ago, attributed chiefly to the uncertainty of the wool market. The detailed statistics follow:

## RECEIPTS AND DISPOSITION OF LIVE STOCK AT 69 MARKETS

|  | RECEIPTS |  |  | ocal GHTER | STOCKER AND feeder Shipments |  | total SHIPMENTS |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1921 | 1920 | 1921 | 1920 | 1921 | 1920 | 1921 | 1920 |
| Cattle and Calves. | 1,579,941 | 1,878,951 | 1,004,814 | 1,061,271 | 197,075 | 271,690 | 607,578 | 799,252 |
| Decrease. | 299,010 |  | 56,457 |  | 74,615 |  | 191,674 |  |
| Decrease per cent. | 15.9 |  | $5 \cdot 3$ |  | 27.5 | . ......... | 24.0 |  |
| Total for 6 months - |  |  |  |  |  |  |  |  |
| Cattle and Calves... | 9,013,213 | 10,237,921 | 5,490,748 | 6,012,712 | 1,255,232 | 1,668,577 | 3,489,555 | 4,139,083 |
| Decrease. | 1,224,708 |  | 521,964 |  | 413,345 |  | 649,528 |  |
| Decrease per cent. | 12.0 |  | 8.7 | ........... | 24.8 | . . . . . . . . | $15 \cdot 7$ | .......... |
| Fune- |  |  |  |  |  |  |  |  |
| Hogs. | 3,573,083 | 3,709,169 | 2,474,203 | 2,421,417 | 33,316 | 43,333 | 1,143,300 | 1,307,884 |
| Decrease. | I36,086 | . ......... | 52,786* | . | 10,017 | . | 164,584 |  |
| Decrease per cent. | $3 \cdot 7$ |  | 2.2* |  | 23.1 |  | 12.6 |  |
| Total for 6 months- |  |  |  |  |  |  |  |  |
| Hogs. . . . . . . . . . . | 22,202,429 | 23,566,611 | 14,593,995 | 15,191,070 | 304,290 | 467,215 | 7,625,502 | 8,312,371 |
| Decrease | 1,364,182 |  | 597,075 |  | 162,925 |  | 686,869 | .......... |
| Decrease per cent. | 5.8 |  | $3 \cdot 9$ |  | 34.9 |  | 8.3 |  |
| Fune- |  |  |  |  |  |  |  |  |
| Sheep... | 1,849,527 | 1,639,687 | 1,092,510 | 844,787 | 88,910 | 226,970 | 781,885 | 806,244 |
| Decrease. | 209,840* |  | 247,723* | .......... | 138,060 | $\cdots$ | 24,359 | ........... |
| Decrease per cent. | 12.8* |  | 29.3* |  | 60.8 | . . . . . . . . | 3.0 | ......... |
| Total for 6 months - 6 |  |  |  |  |  |  |  |  |
| Sheep | 10,499,476 | 8,938,527 | 6,183,253 | 4,785,409 | 582,181 | 1,316,246 | 4,379,343 | 4,201,478 |
| Decrease. | 1,560,949* |  | 1,397,844* | .......... | 734,065 | .......... | 177,865* |  |
| Decrease per cent. | 17.5* | . | 29.2* | . $\cdot$........ | 55.8 | $\cdots$ | 4.2* | .......... |

## difficulties in Financing cattle raising

These changes, traceable partly to smaller per capita consumption and to a dropping off in exports, particularly of beef, also indicate, to some extent, the diminished supply of cattle in the country. The decrease in shipments of feeders back to the farm, together with the statistics on slaughter, seem to indicate that feeders and stockers are being slaughtered, instead of being purchased for the farm. There is a disposition on the part of the big cattle feeders, because of the difficulty in financing their operation, and of the uncertainty regarding profits, to curtail their activities, and to send stock to the market unfinished. In the Middle West live stock situation there is an abundance of feed, and a shortage of cattle and calves and of long time credit to fatten them. If the feeding of cattle is to be resumed on anything like a pre-war or normal scale, it will call for some very large advances.

The shrinkage in the price of live cattle from that of last year, which is accounted for by the decreased demand for meat, together with the low hide market and lower prices for offal, will be noted from the following comparative table:

## COMPARATIVE PRICES ON LIVE STOCK AT CHICAGO

| Native beef steers | 1921 |  | 1920 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | June 16-30 July 1-15 |  | June 16-30 July 1-15 |  |
|  |  |  |  |  |
| 750-1050 lbs. | \$7.47 | \$7.42 | \$14.15 | \$13.93 |
| 1050-1200 lbs. | 7.67 | 7.55 | 14.83 | 14.80 |
| 1200-1350 lbs. | 7.96 | 7.85 | 15.70 | 15.78 |
| I 350-1 500 lbs . | 8.07 | 8.00 | 16.20 | 16.20 |
| 1500-1800 lbs... | 8.23 | 8.10 | 16. 52 | 16.45 |
| Fat cows, heifers.. | 4.90 | 5.20 | $9 \cdot 57$ | 9.35 |
| Canners, cutters | 2.15 | 2.38 | 4.77 | 4.85 |
| All bulls. | $4 \cdot 37$ | 4.75 | 8.52 | 7.95 |
| Bologna bulls.. | 4.15 | 5.18 | 7.62 | 6.68 |


|  | 1921 |  | 1920 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | June 16 | July 1 | June I | July 1-15 |
| Calves. | \$ 8.97 | \$10.25 | \$13.62 | \$13.20 |
| Stockers and feeders.. | $5 \cdot 58$ | 5.55 | 9.05 | 8.90 |
| Fat native sheep.... | $3 \cdot 55$ | 4.18 | 7.08 | 7.75 |
| Fat native lambs. | 10.32 | 10.10 | 13.52 | 14.98 |
| Fat western sheep... | 5.05 | 5.80 | 8.35 | 8.90 |
| Fat western lambs.. | 10.80 | 11.08 | 14.22 | 15.80 |
| Yearling sheep...... | 8.09 | 7.28 | 10. $5^{8}$ | 10.70 |
| Hogs. . | 8.38 | 9.28 | 15.11 | 14.72 |

All except hogs based on weekly averages; hogs based on daily averages.

## DRESSED MEAT AND PROVISION MARKET FACTORS

Dressed hogs, on July 15, were 2 cents a pound higher than on June 15 , the prices for green hams $3^{1 / 2}$ to 4 cents higher, and other pork products ruled from I to 3 cents higher, depending on the cut. Sweet pickled hams advanced between 3 and 4 cents, while the other pickled products ranged from $1 / 2$ to 2 cents higher. These increases are attributable to the improved export demand from England for pork products.

The British Food Ministry still has a quantity of Wiltshires, but its old stock of bacon has been practically consumed; hence the increased demand from England for bacon. Old stocks of bacon and pork products in Holland, Belgium, the Scandinavian countries, and other parts of Continental Europe, are fast disappearing and this is resulting in a greater demand for dry salt meats and barreled pork. There is an improved demand in the shape of sales, instead of shipments on consignment, for dry salt meats in Germany and other countries adjacent thereto. There was a good domestic demand for pork loins toward the latter part of July. Weather conditions affected domestic sales of fresh meat in June and July.

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| AVERAGE COMPARATIVE MEAT PRICES AT CHICAGO <br> July I to 15 June 16 to 30 July 24 to 31 |  |  |  |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| Wholesale Prices per cwt.- |  |  |  |
| Prime native steers dressed | \$15@16 | \$15.65 @16.68 | \$27 (4)28 |
| Steer loins No. i $\dagger$. | 29.00 | 30.00 | 46.00 |
| Steer rounds No. I | 16.75 | 16.50 | 28.00 |
| Cow rounds. | 14.00 | 14.00 | 16.00 |
| Cow chucks | 5.25 | 7.16 | 11.00 |
| Choice lambs. | 27.00 | 26.50 | 35.00 |
| Heavy sheep. | 9.50 | 8.34 | 13.00 |
| Dressed hogs. | 14.50 | 13.34 | 22.00 |
| Loose Prime Steam Lard. | 9.725 | 9. 268 | 17.60 |
| Choice carcass veal. | $16.50 @ 18$. | 15.67@17.00 | 28.00 |
| Pork loins. | 21.00 | 19.33 | 34.00 |
| Retail Prices per cwot.-* |  |  |  |
| Beef rib roast No. I hvy.. | 30.00 | 30.00 | 40.00 |
| Beef round steak No. I... | 33.00 | 33.00 | 45.00 |
| Porterhouse No. i | 52.00 | 52.00 | 75.00 |
| Pork loins 8 to 10 lb . | 26.00 | 26.33 (129.00 | 42.00@45.00 |
| Hind quarters lamb, good | 42.00 | 42.00 | 40.00 |
| Good stews lamb. | 15.00 | 15.00 | 18.00 |
| Mutton legs. | 25.00 | 25.00 | 25.00 |
| Mutton stew | 10.00 | 10.00 | 18.00 |
| Hind quarters veal | 20.00 | 20.00 | 29.00 @ 36.00 |
| Fore quarters veal | 14. | 14.0 | 20.00 @29.00 |

$\dagger$ Sirloin and porterhouse come from this cut.
*Compiled from published prices furnished by the United Master Butchers Association of Chicago.

Wholesale prices for best prime good and medium steer carcass beef declined 2 cents between June 1, and July 16 , and other classes of beef declined correspondingly. Retail meat prices, however, showed little change in the last month. There has been practically no beef export business and packers are advised that England, Australia, and Germany have enough stock on hand to supply the domestic requirements for some time. This has had a great bearing on the Argentine, as well as the domestic market. The pending tariff bill, together with a 50 per cent curtailment in the killing of beef in the Argentine, has tended to stabilize the market on live stock and meats.

Lard has been moving to export in moderate quantities, Germany showing a good demand for lard and fats, although German prices offered are below other countries. Germany purchased 7 million pounds of Chicago lard during the week ending July 21. Stocks of lard in the United States increased over 18 million pounds during May, and about 24 million pounds in June. There was a large production during the first six months of this year, $786,153,000$ pounds, compared with 717,718,000 pounds during the corresponding period of 1920. Stocks of lard on hand January 1, 1921, were 59,318,673 pounds, and on hand July I, 1921, were $205,878,000$ pounds.
STORAGE HOLDINGS OF FROZEN AND CURED MEATS
Storage holdings of meats as a rule show a decrease in stocks on July 1, 1921, as against the previous month.

The increase in dry salt and sweet pickled pork in process indicates that the packers are beginning to build up their stocks of cured meats. Storage holdings in the United States compare as follows in thousands of pounds:

STOCKS OF FROZEN AND CURED MEATS IN U. S.

|  | $\begin{gathered} \text { July I, } \\ \text { Ig21 } \end{gathered}$ | $\begin{gathered} \text { July I, } \\ \text { I920 } \end{gathered}$ | June I, 1921 | $\begin{gathered} \text { June I, } \\ \text { Ig20 } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| Frozen Beef | 76,653 | 95,297 | 88,836 | 130,619 |
| Frozen Pork. | 182,799 | 170,054. | 194,486 | 156,963 |
| Frozen Lamb and ${ }^{\text {Mutton }}$ | 8,719 | 4,311 | 15,877 | 5,735 |
| Cured Beef. | 11,381 | 16,121 | 11,835 | 19,158 |
| In process of cure | 8,515 | 10,234 | 8,881 | 7,494 |
| Dry Salt Pork. | 142,918 | 311,775 | 144,455 | 329,042 |
| In process of cure | 106,886 | 96,905 | 96,155 | 101,740 |
| Pickled Pork. | 138,515 | 161,333 | 144,725 | 153,179 |
| In process of cure | 228,413 | 242,386 | 221,566 | 218,414 |
| Lard. | 205,878 | 193,316 | 181,992 | 152,307 |
| Miscellaneous Meats | 85,145 | 86,047 | 90,392 | 86,38 |

Western meat stocks, other than lard at principal points for July i show little change from June. The stocks at Chicago, Kansas City, Omaha, St. Joseph, Milwaukee, St. Louis and East St. Louis, compare as follows, with the last three figures omitted:

|  | $\begin{gathered} \text { July } 1, \\ 192 \mathrm{I} \end{gathered}$ | June I, 192I | $\begin{gathered} \text { July I, } \\ 1920 \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Pork (barrels) |  |  |  |
| Mess pork, new. | 3,494 | 5,322 | 24,673 |
| Other pork. | 52,714 | 50,943 | 70,197 |
| Total pork-barrels. | 56,208 | 56,265 | 94,870 |
| Lard (pounds) |  |  |  |
| Prime Steam, new | 122,437 | 105,118 | 100,802 |
| Prime Steam, old. |  |  | 2 |
| Other lard....... | 21,725 | 14,547 | 25,354 |
| Total lard-pounds. | 144,162 | 119,665 | 126,158 |
| Dry Salt Pork (pounds) |  |  |  |
| Short ribs........... | 18,720 | 16,518 | 17,409 |
| Short clears. | 1,117 | 1,523 | 8,146 |
| Extra clears. | 9,796 | 10,351 | 13,892 |
| Fat backs. | 20,069 | 22,954 | 24,015 |
| Extra ribs. | 2,501 | 1,750 | 2,164 |
| Shoulders. | 2,334 | 1,541 | 6,156 |
| Bellies. | 72,739 | 70,985 | 66,278 |
| Other cuts. | 42,384 | 42,244 | 87,589 |
| Total D. S. Pork-pounds. | 169,660 | 167,866 | 225,649 |
| Sweet Pickled Pork (pounds) |  |  |  |
| Hams. . . . . . . . . . . . . . . | 67,898 | 71,993 | 75,558 |
| Skinned hams | 29,446 | 30,854 | 29,716 |
| Picnics. | 23,971 | 22,612 | 27,255 |
| Shoulders. | 548 | 434 | 377 |
| Bellies. | 33,502 | 32,571 | 27,405 |
| Total S. P. Pork-pounds. | 155,365 | 158,464 | 160,311 |
| TOTAL CUTS (pounds) | 325,025 | 326,330 | 385,960 |

## CROPS GOOD BUT CAR SHORTAGE MENACES MARKETING

Excessive heat resulted in an early harvest of wheat and oats all through the Seventh Federal Reserve District, but it also has affected the filling out of the grain properly, and consequently threshing returns are somewhat of a disappointment. The winter wheat acreage for the country was slightly above that of 1920 .

The crop estimates on wheat for Illinois on July I conditions indicated $42,937,000$ bushels, against 35 ,720,000 a year ago, and $42,485,000$, the five year average; Michigan 14,949,000 bushels against 13,795,000 a year ago, and $15,647,000$, the five year average; Indiana $26,648,000$ bushels, against $23,400,000$ a year
ago, and 37,936,000 the five year average; Iowa 8,913,000 against $8,491,000$ a year ago, and $9,696,000$, the five year average. This indicated winter wheat production in these states of $93,447,000$ bushels, against $81,406,000$ bushels a year ago, and a five year average of $105,764,000$. Scattered threshing returns show that the actual production is falling short of the July estimate. The corn crop is growing rapidly and is looking exceptionally well.

There is a decided tendency among farmers all through the district to market their wheat as fast as it is threshed, and this already has resulted in some congestion at grain terminals and a shortage of grain carrying cars. The railroads have not been in a financial position to increase their equipment or to repair a sufficient number of cars to care for the requirements should the grain movement become unusually heavy. Cars arriving at Chicago and other terminals are not being unloaded and released promptly, partly due to the strike of elevator employees and partly due to market conditions. This, together with the congestion at ports, is proving a serious handicap to the railroads in providing for the grain movement. The traffic men admit that they cannot handle the movement if all the grain is offered for shipment as soon as threshed.


Western elevators are pretty well filled up with-last year's crop, which is another factor to be reckoned with. Some railroads report as high as 10 per cent of their grain cars in repair shops. The car shortage so far, is not serious, but the heavy movement of grain to market has not yet begun. Eastern railroads are loaning cars fit for grain loading to the Western lines.


THE PRODUCTION OF CORN, WHEAT, COTTON, OATS AND HAY, BY FEDERAL RESERVE DISTRICTS AS FORECAST BY THE DEPARTMENT OF AGRICULTURE, JULY 1 , 1921, COMPARE AS FOLLOWS:
(In thousands of units of measurement)

| Federal Reserve District | CORN (Bushels) |  | TOTAL WHEAT (Bu.) |  | WINTER WHEAT (Bu.) |  | SPRING WHEAT (Bu.) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | July I <br> Forecast <br> for 1921 | Estimate for 1920 | July I <br> Forecast for 1921 | Estimate for 1920 | July I <br> Forecast for 1921 | Estimate for 1920 | July 1 <br> Forecast for 1921 | Estimate for 1920 |
| Boston.. | 5,044 | 4,535 | 323 | 368 |  |  | 323 | 368 |
| New York. | 37,102 | 38,550 | 10,305 | 12,016 | 9,820 | 11,276 | 485 | 740 |
| Philadelphia | 59,553 | 63,133 | 24,009 | 23,022 | 23,701 | 22,711 | 308 | 311 |
| Cleveland... | 195,975 | 216,642 | 41,787 | 35,442 | 41,372 | 34,979 | 415 | 463 |
| Richmond. | 182,064 | 202,850 | 29,942 | 36,871 | 29,942 | - 36,871 |  |  |
| Atlanta. | 278,398 | 266,055 | 7,147 | 6,363 | 7,147 | 6,363 |  |  |
| Chicago.. | 993,233 | 987,897 | 71,509 | 66,530 | 61,293 | 54,887 | 10,216 | 11,643 |
| St. Louis. | 449,328 | 441,118 | 67,019 | 60,611 | 66,441 | 59,895 | 6 578 | $\begin{array}{r}716 \\ \hline 86\end{array}$ |
| Minneapolis. | 292,195 | 259,126 | 168,386 | 145,521 | 7,076 | 6,659 | 161,310 | 138,862 |
| Kansas City. | 427,011 | 542,699 | 252,909 | 282,060 | 237,396 | 268,685 | 15,513 | 13,375 |
| Dallas..... | 193,490 | 199,638 | 21,56I | 18,222 | 20,833 | 17,508 | 728 | ${ }^{714}$ |
| San Francisco. | 9,746 | 10,124 | 114,515 | 100,102 | 68,909 | 57,929 | 45,606 | 42,173 |
| TOTAL. | 3,123,139 | 3,232,367 | 809,412 | 787,128 | 573,930 | 577,763 | 235,482 | 209,365 |

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|  | COTTON (Bales) |  | OATS (Bushels) |  | HAY, tame and wild (Tons) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FEDERAL RESERVE DISTRICT | July I <br> Forecast <br> for 1921 | Estimate for 1920 | July I Forecast for 1921 | $\begin{aligned} & \text { Estimate } \\ & \text { for } \\ & 1920 \end{aligned}$ | July I Forecast for 1921 | $\begin{aligned} & \text { Estimate } \\ & \text { for } \\ & 1920 \end{aligned}$ |
| Boston. |  | ...... | 8,206 | 9,571 | 3,077 | 4,211 |
| New York. |  |  | 37,036 | 46,797 | 4,486 | 6,005 |
| Philadelphia. | ...... | ..... | 22,372 | 28,882 | 2,444 | 2,945 |
| Cleveland... |  |  | 66,250 | 92,711 | 5,858 | 6,209 |
| Richmond. | 1,416 | 2,389 | 25,471 | 25,626 | 4,417 | 4,751 |
| Atlanta. | I,84I | 2,435 | 31,965 | 28,090 | 4,371 | 4,594 |
| Chicago.. | ...... | ..... | 505,905 | 587,706 | 15,442 | 17,129 |
| St. Louis. . | 1,517 | 2,085 | 68,714 | 77,814 | 7,559 | 8,183 |
| Minneapolis. | . | ..... | 283,954 | 306,867 | 16,261 | 17,896 |
| Kansas City. | 555 | 1,164 | 187,627 | 229,297 | 17,813 | 20.301 |
| Dallas..... | 3,017 | 4,725 | 47,217 | 48,296 | 1,898 | 2,005 |
| San Francisco. | 81 | (a) 174 | 44,220 | 44,398 | 13,335 | 14,004 |
| TOTAL. | ) 8,433 | 12,987 | 1,328,937 | 1,526,055 | 96,961 | 108,233 |

(a) In addition the following amounts were estimated grown in Lower California (Mexico): July 1, 192I forecast-30,000 bales; estimate for 1920-75,000 bales.
(b) Cotton grown outside of cotton belt included as follows: July I, 1921 forecast-6,000 bales; estimate for $1920-15,000$ bales.

## MANUFACTURING CONTINUES HESITANT

## AUTOMOBILE INDUSTRY READJUSTING PRICES

Price adjustments of the automobile industry to a lower selling level are progressing in an orderly manner. So far, seventy-two automobile manufacturers have announced reductions in the marketing price of their cars, while four have increased the price. Some of the prices announced are back to the 1918 level, notwithstanding improvements. While there has been some revival in sales, in consequence of these reductions, thus far, the announcements have not stabilized the market to the extent expected by the manufacturers. That element of the public having available funds is still holding aloof to some extent in the automobile market, as well as in other lines, on the expectation that there will be further price reductions, losing sight of the fact that existing conditions, taxes, and increased overhead, due to curtailed production, are factors to be reckoned with, in making a selling price that affords some profit on manufactures from materials on the lowered cost basis. Another -factor is the scarcity of funds in the farming communities.

Reductions on higher priced cars have been comparatively fewer than in the medium grade automobile. About 30 per cent of the cars selling above $\$ 4,000.00$ have been reduced in price, while more than 50 per cent of those selling under $\$ 4,000.00$ have announced reductions. Measured in percentage, the reductions range from 5 per cent to 34 per cent, the average decrease announced by forty-five of the companies which have reduced prices, being 14.8 per cent.

Efforts are being made on the part of manufacturers to avoid guaranteeing prices, as was done earlier in the year, but, instead, to endeavor to impress the public, which now generally seems to be waiting for final adjustment of motor car prices, that they are getting only a reasonable profit included in the selling price. Competition, however, among car manufacturers is becoming quite keen, and those companies which are showing a high percentage of capacity operation and excellent sales for this season, attribute their success to salesmanship and to the early recognition that market conditions are changing, so that the auto-
mobile producer must seek the buyer, instead of the buyers clamoring for the car.

Incomplete reports indicate shipments in June, 8 per cent in excess of the final figures for May, and 60 per cent of the total for June, Ig20. This year, averaging the boat shipments and driveaways in carload equivalents, the total shipments for the second quarter are nearly twice that of the first quarter, and 6r per cent of the total for the second quarter, last year. Figures compare as follows:

|  | carloads $\dagger$ |  | driveaways |  | boat |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1921 | 1920 | 1921 | 1920 | 1921 | 1920 |
| June. | 19,200* | 22,516 | 18,000 | 60,746 | 3,700* | 8,350 |
| May. | 18,608 | 21,977 | 15,193 | 74,286 | 2,381 |  |
| April....... | 20,187 | 17,147 | 14,197 | 64,634 | 1,619 |  |
| March...... | 16,287 | 29,326 | 9,939 | 57,273 | 75 |  |
| February... | 9,986 | 25,505 | 7,507 | 43,719 | 99 |  |
| January.... | 6,485 | 25,057 | 3,185 | 29,283 | 93 |  |

$\dagger$ Not computed in number of machines.
*Partly estimated.
Statistics are now available showing the total purchases, past due accounts, and notes outstanding for automobile parts and accessories. During the month of May, the comparative figures of purchases by automobile passenger car and -motor truck makers are gathered from three hundred parts and accessory manufacturers. The past due accounts, and also the notes outstanding, are the totals of those reported. The comparative figures follow:

|  | total PURCHASES | total accounts <br> past due | total notes outstanding |
| :---: | :---: | :---: | :---: |
| May. | \$26,653,406 | \$ 4,515,157 | \$ 4,447,593 |
| April. | 26,746,580 | 5,352,271 | 5,371,086 |
| March. | 20,120,386 | 5,603,992 | 5,069,877 |
| February | 10,408,962 | 6,717,165 | 6,063,118 |
| January.......... | 6,264,587 | 8,099,727 | 4,359,871 |

## CONDITIONS IN GENERAL MANUFACTURING LINES

Manufacturing generally is marking time. Here and there production shows a slight increase over the previous month, but the output compares unfavorably with a year ago, and the change seems to be due to low stocks in the retailers' hands rather than to a general
demand. Boxes and containers sales for June, as reported by nine firms, were 29 per cent of those for the corresponding month of last year, while sales for the first six months of this year were 35 per cent of those for the similar period of 1920 . Allowing for price declines, this tells the story of production where the goods are shipped in boxes or containers.

Agricultural machinery production is at low ebb. There is an improvement in the manufacture of woolen
goods in the Middle West, and mills are well booked with orders and are increasing production.

Pig iron production in June was the lowest for any month since 1908. Steel mills are running one-quarter of capacity, with few orders being placed. The recent readjustment by the various steel manufacturers is causing some inquiry, but has not yet speeded up production to any considerable extent.

## HIDE AND LEATHER INDUSTRY STILL MARKING TIME

## HIDE MARKET REFLECTS RENEWED ACTIVITY

The last of June and the first of July hides were very quiet, although a few sales were reported; onehalf million hides, of which 250,000 were sold in one day, were marketed in the week ending July 15, at declines of I to $11 / 2$ cents from previous sales prices. This cleaned up most of the large packers' supply. There has been some inquiry for country hides, but little trading, although the market is higher since sales of packer hides July 14.

Comparisons between prices of July, 1921, and preceding months, show that green hides have fallen about ${ }_{21}$ cents per pound, on an average, or the equivalent of I cent a pound or more on the live weight of the carcass and about $13 / 4$ cents a pound on the dressed weight of the cattle:


Note-The first six items in July, I921, reflect the effect of the sale of 310,050 hides on July 13 , quotations on July 15 showing a tendency to recover.

## LEATHER SUBNORMAL; SHOE MAKERS SPEED UP

Conditions in the leather market are still subnormal. About eighty-two per cent of the sole leather of the country is in the tanners' hands at the present time. The hand-to-mouth policy of purchasing on the part of the customers, together with the small export business, accounts for this position.

Inventories of the leather houses as a rule were marked down the first of June to the present selling values, which are below December inventories. Leather houses believe that unless the leather industry is called upon to make further liquidation during the next five months, a small profit will be shown in the sale of June inventories.

There is more activity in the shoe business than for many months, the improvement being stronger in Chicago than elsewhere, although Boston is also securing orders. Trade reports say that shoe manufacturers in the Chicago district are working at an average of better than 75 per cent, while reports of four Chicago manufacturers show increase in production of 19 per cent and in shipments of 16 per cent in June, 1921, as compared with June, 1920. Prices are approximately $331 / 3$ per cent below a year ago, declines being due to drop in raw material and reduction in mark-up.

Census reports show stocks of green hides on hand. at end of May, 1921 and September, 1920, and distribution of the same as follows:


## COAL PRODUCTION CONTINUES TO DRAG

At the present time the soft coal industry is passing through the worst depression it has experienced in many years, and there seems no immediate prospect of a revival in sight. The bituminous coal business began to feel the effects of the readjustment period as early as January I of this year, but some of the companies were not affected until March. Several factors
conspired lately to intensify the dullness which has permeated the market for the last six or eight weeks. The end of the British strike brought with it at least the temporary end of foreign interest in American coals for immediate buying. Foreign buyers disappeared from the coal fields and markets, and a new dullness settled on the export trade. Many of the large con-
tract customers of big coal companies practically discontinued taking any coal at all, since that time.

Some of the big railroads have accounts with the large coal companies which are seven months past due and which are not being reduced to exceed ten per cent a month, and the railroads give no encouragement for anything better until the United States Government makes substantial payments on their guaranty provided in the Transportation Act. Owing to the uncertainties of the income and excess profits taxes, the coal companies hesitate to extend operations or develop new properties.

At the same time, mine operators realize the difficulties which may be experienced by coal operators in taking care of the domestic trade during the fall and winter months. This trade has held aloof, expecting lower prices and lower freight rates.

The operating time of mines in this territory in June was slightly under May. There is a somewhat better market tone on steam coal, particularly screenings, as reduced running time and demand for domestic sizes is decreasing the production of those grades. The number of cars of screenings on hand unbilled in Central and Southern Illinois decreased from I,100 to 400 cars during June.

## MERCANTILE TRADE REFLECTS UNDERCURRENTS OF READJUSTMENT

In practically all lines of mercantile trade, countercurrents are at work attendant on the readjustment of prices. In some instances, liquidation of stocks has reached the point where the merchandise bought at the top prices has been exhausted, and re-orders at reduced prices are stimulating trade activity. In others, merchandise bought at the high prices is moving slowly, even when offered by the merchant at a loss. In some lines, the depletion of stocks is stimulating the demand on the wholesaler. Conditions in the wholesale dry goods line are regarded satisfactory, while the volume of sales is fairly good; in some instances it is reported better than a year ago. The hot weather has stimulated trade in men's furnishings and ladies' light weight wearing apparel and hosiery, but the special price reductions, generally speaking have been relied upon to stimulate retail trade. Some of the large dry goods houses report that they are selling more units, even in the face of a decrease in the dollar sales. Necessarily, this is a factor in the increased sales by wholesalers, the latter being traceable to smaller stocks carried by the retailer, compared with last year, and to the need of more frequent replenishment of those stocks.

## COLLECTIONS ARE REGARDED AS FAIR

Collections generally have been fair, although it should be noted that most wholesalers and jobbers have many more slow accounts on their books than for some years, the reason being that these accounts belong principally to those merchants who overbought or who were not able to turn their stocks, and liquidate, and take their losses last year. It is evident that the larger per cent of retail clothiers will require to the end of the year to properly liquidate their business. In general, buying by the retailers for fall has been conservative.

## SHOE DEMAND FEATURE IN WHOLESALE TRADE

Analysis of the wholesale merchandising business for June in the Seventh Federal Reserve District, reveals a more favorable comparison of net sales in shoes with 1920. An improvement was noted in May over April, when May sales showed a decrease of IO.I per cent by eleven dealers from May, 1920. In their report for June, nine shoe dealers showed an increase of 0.7 per cent, as compared with June, ig20. Comparisons for dry goods and groceries are not so favor-
able; the former showing a decrease of 30.8 per cent for June from eleven firms, as compared with 22.1 per cent from thirteen firms for May; and the latter, 52.8 per cent for June, from twenty-one firms, as compared with 45.2 per cent from twenty-six firms for May. Most of the dealers report that buying by both wholesaler and retailer continues cautious, and that cancellations are negligible. Prices are stable in dry goods and shoes, in the opinion of the majority of the reporting firms; while in groceries a downward trend is. reported by nine firms although one firm reports an upward trend and six believe prices are stable.

## CHANGES IN CLOTHING INDUSTRY FROM 1920

Returns from clothing manufacturers for June show greatest change in the Cut-Trim-Make Industry in which a much larger percentage of decrease in orders, production, and shipments from June, 1920, appears than in the May comparison.

Detailed statistics for June are as follows:


RETAIL TRADE NET SALES CONTINUE TO DECREASE A falling off in the dollar amount of sales from 1920 is again reported by department stores, although reduction in prices will account for all, or a large part, of the decrease. The decrease for June, 1921, from June, 1920, is 15.5 per cent from forty-eight stores, as compared with 12.0 per cent from sixty-one stores, reporting for May. A decrease of 1.5 per cent for June, as compared with May, is shown by stores for which comparative figures are available. The decrease for the six months period ending June 30 , com-
pared with the corresponding period in 1920, is 9.3 per cent. A reduction in stocks at selling price of 3.2 per cent is shown during June, 1921, making the total reduction, as compared with June, 1920, of 19.1 per
cent, although, in such comparison, reduction in prices should again be considered, in estimating the volume of stock. A turnover rate of 2.8 times a year is reported.

## INDUSTRIAL EMPLOYMENT CONDITIONS IN THE MIDDLE WEST

Reports covering the labor situation in the Seventh Federal Reserve District for June indicate that the manufacturing plants of the district are still reducing their working forces. A reduction of 0.8 per cent was made by 192 firms employing 121,318 men. This was considerably less than in May when 4.3 per cent of the men were laid off. Total payrolls decreased 3.4 per cent from May to June, reducing the average wage per man by 2.7 per cent. This was due in many instances to a shorter hour schedule as well as to a revised wage scale.

In the iron and steel industries a decline of 4.3 per cent in employment was largely due to the inactivity of the steel mills and the agricultural implement concerns. Railway repair shops also were hard hit, the four concerns reporting to this bank showing a drop of 19 per cent. A reduction of 15.9 per cent in the automobile industry as indicated by the reports from eleven plants throughout the district outside of Detroit, should be supplemented by the report from the Employers' Association of Detroit. The 79 firms represented by this association made no change in employment during the month of June and the reports for July give indication of a possible increase in activity.

Of the industries showing an increase in employment, the most notable was the contracting and building industry where, after a decline of ig per cent in May, an increase of 30 per cent took place in June. Minor gains were made also in the clothing, in the knit goods, and in the shoe manufacturing industries.

Chicago makes a somewhat better showing than the entire district, its increase of 2.7 per cent being largely due to the contracting and building industry. The Buildings' Trades in Chicago are working at the old wage scale pending the decision of Judge Landis.

Compared with June, 1920, the reports representing the combined industries of the Seventh Federal Reserve District show a falling off of 35.0 per cent in employment, 45.6 per cent in payroll, and 16.4 per cent in wages per man.

The analysis of the replies to the Labor Questionnaire shows:

|  | district | chicago |
| :---: | :---: | :---: |
| Number of firms-reporting. . . . . . . . . . . <br> Total number employed June 30, 1921. | 192 |  |
|  | 121,318 | 56,450 |
| Number employed as compared with |  |  |
| (a) the preceding month. | -0.8\% | +2.7\% |
| (b) the same month a year ago | -35.0\% | -23.1\% |
| Amount of payroll as compared with |  |  |
| (a) the preceding month | -3.4\% | +o.4\% |
| (b) the same month a year ago | -45.6\% | -30.6\% |
| Pay per man as compared with |  |  |
| (a) the preceding month.. | -2.7\% | -2.2\% |
| (b) the same month a year ago | -16.4\% | -9.8\% |
| Percentage of production to maximum monthly output in 1920: |  |  |
| (a) June, 1921 | 47.0\% | 51.0\% |
| (b) May, 1921 | 48.0\% | 54.0\% |
| (c) June, 1920 | 83.0\% | 80.0\% |

According to the records of the Free Employment Offices of the State of Illinois the registrations for each 100 places open have increased steadily during the last three months from 204 in April, to 220 in May, and reaching 240 in June.

## HIGH COST OF CONSTRUCTION AND SCARCITY OF MONEY CURTAIL BUILDING

Reports from forty-four representative Building and Loan Associations of the district indicate curtailment of building by the present high cost of construction and the lack of funds available for building loans. In many cases building is reported at a standstill. In practically all of the reports is emphasized the seriousness of the building situation resulting from the great need for residences at a time when building is so curtailed. One correspondent reports caution in the building of new homes, and that only those compelled to build or buy are going into the venture. Another reports that only about io per cent of the loans this year are for new houses as compared with a normal figure of 75 per cent. In some parts of the district considerable building is reported in spite of the generally unfavorable condition, and one correspondent estimates more residence building in his city than in any year since 1913 .

All of the reports indicate a continuation of the disposition to save on the part of their depositors, although as one expresses it, "During the war ability
to save was there, but the wish was absent; today the wish is there, but the ability to save is not present." Withdrawals are reported by most of the correspondents as much heavier than last year, although as one states, "Withdrawals, particularly by small stockholders and those unemployed are made only when absolutely necessary." One correspondent estimates that Io per cent of the withdrawals are due to living requirements and unemployment, 20 per cent for the purchase of real estate, and 70 per cent diverted to other investments. In some of the cities where unemployment is especially marked, savings are reported to have been used to a great extent to meet living requirements, and reports are made that some accounts not touched for years have been drawn against. Especially as affecting the loans made by Building and Loan Associations is the fact that the bank rate on loans made to the associations for temporary requirements has been so much higher than the rate of interest charged by the associations as to make supply of money from the banks prohibitive.

Comparative figures available from twenty-eight of the reporting concerns show total deposits on their books at the close of 1920 , were 50 per cent greater than those at the close of 1917, compared with 23 per cent greater at the close of 1919, and 6 per cent greater at the close of igi8. At the close of July, the corresponding figure was 57 per cent indicating that, considering the withdrawals mentioned, the growth of deposits for the first six months of 1921 is at a rate considerably less than that of the two preceding years.

The effect of the purchase of Government War Obligations in diverting savings for investment in those bonds is mentioned by some of the correspondents and accounts for the small figures during 1918 and even a loss by some of the associations. Changes in loans followed changes in deposits very closely, as is natural.

## BUILDING ACTIVITY IN PROSPECT

Building statistics for cities in the Seventh Federal Reserve District, for June, show an increase of 7 per cent in number of permits, as compared with June, 1920, and a decrease in estimated cost of 10 per cent. June is the first month since March that increase in number of permits has been shown, and all of the states, except Michigan, contributed to the increase. In estimated cost, also, all of the states except Michigan show an increase.

While contracts awarded in the Chicago District during June show a small increase in the number of projects, there is a decrease in valuation from corresponding figures for May. In June there were 1,754 contracts awarded as compared with 1,639 in May, with a valuation of $\$ 61,028,200$ as compared with
$\$ 72,894,400$ in May. Detailed statistics for June, 1921 , covering Illinois, Indiana, Iowa, Michigan, Wiscon$\sin$, Missouri and portions of eastern Kansas and Nebraska follow:

CONTRACTS AWARDED IN JUNE

| buildings | $\begin{aligned} & \text { No. of } \\ & \text { PROJECTS } \end{aligned}$ | NEW FLOOR <br> SPACE IN SQ. FT. | valuation |
| :---: | :---: | :---: | :---: |
| Business Buildings | 203 | 1,378,200 | \$7,519,600 |
| Educational Buildings | 137 | 1,600,400 | 9,066,800 |
| Hospitals and Institutions.. | 18 | 320,500 | 2,967,600 |
| Industrial Buildings. | 52 | 619,400 | 2,461,000 |
| Military and Naval Buildings.. | 1 |  | 37,700 |
| Public Buildings............. | 18 | 38,200 | 339,000 |
| Public Works and Public Utilities. | 361 |  | 17,132,300 |
| Religious and Memorial Build- ings....................... | 37 | 406,700 | 2,098,000 |
| Residential Buildings. | (a) 887 | 3,428,100 | 15,377,900 |
| Social and Recreational Buildings. | 40 | 634,300 | 4,028,300 |
| Total. | 1,754 |  | \$61,028,200 |

CONTRACTS AWARDED
JAN. I TO JULY I

| 21. |  | \$325,929,000 |
| :---: | :---: | :---: |
| 1920. | ....... | 465,753,000 |
| 1919. |  | 392,983,000 |
| 1918. |  | 188,343,000 |
| 1917. |  | 344,419,000 |
| 1916. |  | 219,237,000 |
| 1915. |  | 119,021,000 |
| 1914. |  | 104,656,000 |
| 1913. |  | 106,531,000 |
| 1912. |  | 59,402,000 |
| 1911. |  | 80,822,000 |
| 1910 |  | 111,959,000 |

(a) 1,151 Buildings. Building Statistics by F. W. Dodge Co.

## BANKING AND CREDIT CONDITIONS

## RESERVE BANK LOANS DECREASE

The weekly statements of the Federal Reserve Bank of Chicago for the period from June 22 to July 20 show a more favorable condition, due largely to changes occurring in the last two weeks. Total Bills on Hand show a decrease of 9.2 per cent for the four week period, while Total Deposits and Total Reserves increased 4.4 per cent and 9.1 per cent, respectively. Federal Reserve Notes in Circulation showed an increase on July 6 and a decrease from July 6 to July 20, resulting in a net decrease of I .3 per cent for the four weeks. The Reserve Percentage, which had been around 54 per cent for three weeks, changed in the week ending July 13 to 57.3 per cent and stood at 58.6 per cent on July 20.

## LIQUIDATION OF LOANS AT MEMBER BANKS SLOWS UP

Reports from II3 member banks in the district, including 52 banks in Chicago and 13 in Detroit, reflect a slightly less favorable condition from the standpoint of the liquidation of loans than was reported in the preceding month. In the five week period from June 8 to July i3 these banks reduced their loans and discounts, including rediscounts with the Federal Reserve Banks, by 0.9 per cent, as compared with 2.9 per cent
in the four week period from May ir to June 8. Detroit banks, which had in the preceding period shown a decrease of 5.7 per cent, report an increase of 3.0 per cent, while Chicago banks show a decrease of I. 7 per cent as compared with 2.8 per cent in the preceding period.

Rediscounts by these banks at the Federal Reserve Bank show a decrease of 4.0 per cent as compared with a decrease of 8.2 per cent during the preceding period. Detroit banks, which had the largest percentage of reduction, 39.9 per cent, in the preceding period, show an increase of 2.4 per cent, while Chicago banks, which showed a decrease in the preceding period of 7.4 per cent, now show a decrease of 6.7 per cent.

A reduction of 0.4 per cent in time deposits and an increase of 0.2 per cent in total deposits are shown for all reporting banks from June 8 to July 13 .

No changes in the customary discounts and interest rates at Chicago banks during the month ending June 15 are reported, although there are some minor changes in the high and low rates. The customary rate for the period, as reported, is 7 per cent on all classes of paper, except on commercial loans secured by Government obligations, in which a rate of $61 / 2$ (8) 7 per cent is given.

PURCHASES OF ACCEPTANCES BY BANKS INCREASE
Reports from banks and dealers in the Seventh Federal Reserve District show an increase in purchases of acceptances by banks in June, although sales showed a marked decrease. Country banks are reported to have purchased less, the demand coming from corporations and small buyers. The maturities of bills purchased were divided as follows: 30 day, 13.3 per cent; 60 day, 18.8 per cent; 90 day, 65.6 per cent, and 180 day, 2.3 per cent.

Classification of practically all purchases shows that 68 per cent of bills purchased were based on transactions involving importation or exportation of goods.

Comparison of returns from 29 banks shows an increase of 22.3 per cent in bills bought; of 75.4 per cent in bills held at close of the month; and of 4.2 per cent in bills accepted. Bills sold decreased 17.5 per cent. Reporting dealers show decreases in all the items; 27.3 per cent in bills bought; $5^{2.2}$ per cent in bills sold, and 15.6 per cent in bills held at the close of the month.

Comparative figures for May and June transactions are given below:

|  | (in thousands of dollars) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | JUNE |  | MAY |  |
|  | 29 BANKS | 3 DEALERS | 29 BANKS | 3 DEALERS |
| Bills bought. | 14,911 | 7,978 | 12,188 | 10,967 |
| Bills sold.. | 13,671 | 6,743 | 16,579 | 14,108 |
| Held at close of month | 5,734 | 2,872 | 3,270 | 3,402 |
| Amount accepted.... | 16,821 | .... | 16,140 | ...... |

Statistics on Bankers Acceptances at the Federal Reserve Bank of Chicago for June are as follows:

| during mon | June | may |
| :---: | :---: | :---: |
| Bankers Acceptances Rediscounted.. | \$ $578,28 \mathrm{I}$ | 60,000 |
| *Bankers Acceptances Bought | 8,331,600 | 10,997,981 |
| Bankers Acceptances Sold from holdings | 199,156 | 2,331,162 |
| ${ }_{*}^{\text {Bankers Acceptances Rediscounted }}$ | None | ,500 |
| *Bankers Acceptances Bought | 3,499,624 | 4,821,453 |

${ }^{*}$ Included in Acceptances Bought but not in Acceptances Sold, are those bought with agreement by the seller to repurchase within 15 days.

## COMMERCIAL PAPER SALES DECREASE

The commercial paper market in Chicago continued slow during June, with a falling off in country buying and very little city or suburban demand. This condition is said to be due in part to income tax payments and high rates of interest. One dealer reports banks buying only the very best paper, even if below the average market rate. Sales of five dealers, show decrease of 23.7 per cent for June as compared with May. A tendency for lower rates is reported. Rates ranged from $61 / 2$ to $81 / 8$ per cent, the customary rate as reported ranging from 7 to 8 per cent.

The investment market during the last thirty days has been unusually quiet and the level of prices is almost as low as it was in December and in May, I920. The municipal bond market has been very active at the low prices. Public utility securities continue to be in fair demand, although prices have not risen. The light and power end of the public utility business is emerging from the war conditions on a sound basis.

## HOW RETAIL PRICES OF STAPLES COMPARE

The accompanying table gives comparisons of catalogue prices of staple articles at one of the large mail order houses in Chicago with the 1913 price. Two catalogues a year are issued-one in the spring and one in the fall and the two quotations refer to these catalogues. Where only one quotation is
shown, it was listed in only one catalogue. The prices are for articles of exactly the same kind and quality and are reduced to index numbers or percentages of the prices on a 1913 base, indicating the cost in the periods named of dollar amounts of the article in the fall of 1913 .

MAIL ORDER PRICE COMPARISONS FOR STAPLE ARTICLES AT CHICAGO

| (PRICE FALL, $1913=100.0$ ) ARTICLE | 1913 | 1917 |  | 1918 |  | 1919 |  | 1920 |  | 1921 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | fall <br> PRICE | SPRING | FALL | SPRING | FALL | SPRING | FALL | SPRING | rall | SPRING | (Current) |  |
|  |  |  |  |  |  |  |  |  |  |  | FALL | PRICE |
| Coff | . $241 / 2$ | 95.9 | 102.0 | 99.2 | 91.8 | 136.7 | 185.7 | 176.3 | 157.1 | 89.8 | 85.7 | 21 |
| Flou | 5.10 | 186.7 | 233.0 | 225.9 | 225.9 | 210.2 | 252.6 | 278.4 | 280.8 | 153.9 | 169.6 | 8.65 |
| Sugar | 4.37 | 165.2 | 179.4 | 189.9 | 201.4 | 224.3 | 263.2 | 393.6 | 572.1 | 148.7 | 135.9 | 5.94 |
| Rice. | . 062 | 85.5 | 151.6 | 174.2 | 177.4 | 177.4 | 250.0 | 271.0 | 319.4 | 88.7 | 77.4 | . 048 |
| Tomatoes (Canned) | 1.33 | $13^{8} .3$ | 161.7 | 185.0 | 197.7 | 175.2 | 191.7 | 194.0 | 188.0 | 116.5 | 109.8 | 1.46 |
| House Paint | 1.07 | 143.9 | 194.4 | 183.2 | 182.2 | 267.3 | 241.1 | 241.1 | 255.1 | 245.8 | 211.2 | 2.26 |
| Prepared Roofing | 2.10 | 111.9 | III. 9 | 126.2 | 118.1 | 135.7 | 140.5 | 154.8 | 197.6 | 150.0 | 126.2 | 2.65 |
| Bolts | . 78 | 191.0 | 198.7 | 282.1 | 233.3 | 264.1 | 200.0 | 216.7 | 279.5 | 220.5 | 165.4 | 1.29 |
| Walking Plow | 9.95 | 124.6 | 124.6 | 143.2 | 143.2 | 158.3 | 163.3 | 184.4 | 178.4 | 190.4 | 172.5 | 17.16 |
| Automobile Tire | 14.25 | 80.0 | 97.2 | 107.0 | 107.0 | 124.6 | 106.3 | 97.9 | 117.5 | 83.9 | 69.8 | 9.95 |
| Harness | 24.75 | 128.3 | 161.4 | 185.7 | 185.7 | 212.1 | 220.2 | 268.7 | 283.9 | 209.7 | 184.8 | 45.75 |
| Blankets. | 1.00 | 175.0 | 219.0 | 365.0 | 369.0 | 439.0 | 385.0 | 395.0 | 495.0 | 275.0 | 225.0 | 2.25 |
| Mattress | 3.25 | 120.0 | 137.8 | 152.3 | 169.2 | 204.6 | 213.8 | 244.6 | 336.9 | 198.5 | 170.8 | 5.55 |
| Shoes (Women's Dress) | 2.89 | 137.7 | 162.3 | 169.2 | 164.4 | 173.0 | 190.3 | 241.5 | 206.9 | 137.7 | 136.7 | 3.95 |
| Work Shoes. | 2.75 | 121.8 | 136.4 | 140.0 | 143.6 | 163.6 | 152.4 | 166.9 | 152.4 | 126.5 | 116.0 | 3.19 |
| Calico. | . 05 | 170.0 | 190.0 | 250.0 | 420.0 | 400.0 | 280.0 | 380.0 | 480.0 | 200.0 | 200.0 | .10 |
| Muslin (Unbleached) | . $061 / 2$ | 153.8 | 184.6 | 246.2 | 369.2 | 338.5 | 292.3 | 415.4 | 430.8 | 184.6 | 130.8 | . 085 |
| Percale | . $111 / 2$ | 113.0 | 130.4 | 191.3 | 243.5 | 252.2 | 226.1 | 252.2 | 339.1 | 126.1 | 108.7 | . 125 |
| Taffet | . 96 | 130.2 | 130.2 | 165.6 | 165.6 | 206.2 | 175.0 | 289.6 | 258.3 | 161.5 | 164.6 | 1.58 |
| Hosiery | . 12 | 125.0 | 141.7 | 158.3 | 191.7 | 225.0 | 200.0 | 225.0 | 275.0 | 191.7 | 183.3 | . 22 |
| Shirts. | . 89 | 164.0 | 207.9 | 252.8 | 280.9 | 278.7 | 275.3 | 334.8 | 391.0 | 212.4 | 178.7 | 1. 59 |
| Overalls. | . 89 | 156.2 | 166.3 | 167.4 | 264.0 | 376.4 | 222.5 | 353.9 | 392.1 | 189.9 | 156.2 | 1. 39 |
| Underwear | . 40 | 87.5 |  | 112.5 | . . . | 157.5 | 207.5 | 147.5 | ..... | 92.5 | 92.5 | . 37 |
| Waist. | 1.98 | 186.4 |  |  | 201.0 |  | 201.0 |  | 302.0 | 176.3 | 201.0 | 3.98 |
| Dress (Serge) | 4.65 | 236.1 |  |  | 279.1 |  | 401.1 |  | 424.7 | 214.6 | 150.1 | 6.98 |
| Suit (Men's). | 8.75 | 102.3 | 112.6 | 148.0 | 170.9 | $245 \cdot 7$ | 182.3 | 330.9 | 328.6 | 226.9 | 191.4 | 16.75 |

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## HOW PRICES OF STAPLE GROCERIES AT CHICAGO COMPARE

The accompanying table gives comparisons of actual prices paid by jobbers, F.O.B. Chicago, with pre-war prices. The figures in each case are the "high" for the periods indicated and are reduced to
index numbers or percentages of the prices on a 1914 base, indicating the cost in the periods named of dollar amounts of the article in 1914.

WHOLESALE PRICE COMPARISONS FOR GROCERIES AT CHICAGO

| (PRICE 1914 $=100.0$ ) |  |  |  |  |  |  |  |  | July: | July, |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Price | PER | 1915 | 1916 | 1917 | 1918 | 1919 | 1920 | 1921 | Price | PER |
| ARTICLE |  |  |  |  |  |  |  |  |  |  |  |
| Almonds-Calif. Drake | . 19 | lb . | 100.0 | 84.2 | 97.4 | 126.3 | 139.5 | 94.7 | 71.1 | . $3^{1 / 2}$ |  |
| Asparagus-No. $21 / 2 \mathrm{Cal}$. White | 2.95 | dz. | 100.0 | 101.7 | 113.6 |  | 161.0 | 161.0 | 152.5 | 4.50 | dz . |
| Apples-Canned-Md. | 2.15 | dz . | 109.3 | 137.2 | $24^{8.8}$ | 248.8 | 309.3 | 216.3 | 255.8 | 5.50 | dz. |
| Beans-Dry-Michigan | 2.85 | bu. | 108.8 | 175.4 | 252.6 | 215.8 | 166.7 | 178.9 | 87.7 | 2.50 | bu. |
| Beets-No. 3 Cut. | . 90 | dz . | 105.6 | 122.2 | 150.0 | 177.8 | 172.3 | 144.4 | 144.4 | 1.30 | dz. |
| Coffee-Green-No. 7 Rio | .083/4 | lb . | 85.7 | 104.3 | 108.6 | 205.7 | 254.3 | 151.4 | 71.4 | .061/4 | lb . |
| Coffee-Green-No. 4 Santos | $.111 / 2$ | lb . | $93 \cdot 5$ | 100.0 | 91.3 | 197.8 | 247.8 | 202.2 | 78.3 | . 09 | lb . |
| Corn-Canned-Standard. | . 75 | dz. | 100.0 | 173.3 | 253.3 | 246.7 | 206.7 | 186.7 | 133.3 | 1.00 | dz. |
| Hominy-Canned-No. 3 Standard | . 70 | dz . | 100.0 | 107.1 | 185.7 | 200.0 | 185.7 | 178.6 | 157.1 | I. 10 | dz. |
| Kraut-Canned-No. 3 Standard | . 65 | dz . | 107.7 | 238.5 | 384.6 | 223.1 | 215.4 | 230.8 | 177.0 | 1.15 | dz. |
| Lard-Pure | 13.62 | lb. | 101.0 | 145.0 | 224.8 | 222.1 | 290.0 | 213.8 | 101.0 | 13.75 | lb . |
| Matches-Searchlight | 4.77 | case | 100.0 | 132.1 | 132.1 | 132.1 | 132.1 | 142.6 | 142.6 | 6.80 | case |
| Milk-Evaporated-1602. | $3 \cdot 52$ | case | 100.9 | 127.8 | 166.2 | 198.3 | 153.4 | 146.3 | 117.9 | 4.15 | case |
| Peaches-No. $21 / 2$ Cal. Exstd | 2.10 | dz. | 111.9 | 121.4 | 140.5 | 192.9 | 300.0 | $23^{8.1}$ | 178.6 | 3.75 | dz. |
| Peaches-Calif. Evap.-Ch. | . $061 / 2$ | lb . | 92.3 | 123.1 | 200.0 | 215.4 | 376.9 | 315.4 | 269.2 | . $171 / 2$ | lb . |
| Peanuts-No. I Virginia. | . $043 / 4$ | lb . | 78.9 | 78.9 | 184.2 | 226.3 | 273.7 | 273.7 | 157.7 | . $071 / 1 / 2$ | lb . |
| Pears-No. 3 Exstd. N. Y. | 1.50 | dz. | 100.0 | 100.0 | 126.7 |  | 233.3 | 206.7 | 166.7 | 2.50 | dz . |
| Peas-Canned-No. 2 E. June. | . 80 | dz . | 106.2 | 143.7 | 206.2 | 218.7 | 206.2 | 162.5 | 137.5 | 1.10 | dz. |
| Peas-Canned-No. 2-Ex. Sift | 1.15 | dz. | 108.7 | 117.4 | 160.9 | 187.0 | 178.3 | 126.1 | 130.4 | 1.50 | dz. |
| Pepper-Whole Blk. | . $111 / 2$ | lb . | 130.4 | 173.9 | 234.8 | 247.8 | 213.0 | 191.3 | 91.3 | . $101 / 2$ | lb . |
| Pineapple-Hawaiian-No. $21 / 2$ | 2.35 | dz. | 104.3 | II9.I | 170.2 | 246.8 | 191.5 | 180.9 | 166.0 | 3.90 | dz. |
| Prunes-60-70 Cal. | . 10 | lb . | 90.0 | 90.0 | 130.0 | 135.0 | 180.0 | 160.0 | 90.0 | . 09 | lb. |
| Pumpkin-No. 3 Standard | . 75 | dz. | 100.0 | 180.0 | 213.3 | 213.3 | 133.3 | 180.0 | 153.3 | 1.15 | dz . |
| Raisins-Choice Seed. | . 08 | lb . | 100.0 | 137.5 | 137.5 | 137.5 | 237.5 | 312.5 | 225.0 | . 18 | lb . |
| Rice-Fancy Blue Rose | . 043 3/4 | lb . | 115.8 | 115.8 | 194.7 | 226.3 | 305.3 | 294.7 | 84.2 | . 04 | lb . |
| Salmon-No. i Pink. | . 92 1/2 | dz . | 108. 1 | I 35.1 | 216.2 | 232.4 | 259.5 | 216.2 | 108.1 | 1.00 | dz . |
| Sardines- $1 / 4$ Oil Maine. | 3.45 | case | 100.0 | 130.4 | 147.8 | 194.2 | 150.7 | 136.2 | 91.3 | 3.15 | case |
| Spinach-No. 3 Standard | 1.05 | dz. | 104.8 | 166.7 | 238.1 | 166.7 | 166.7 | 214.3 | 200.0 | 2. 10 | dz . |
| Sugar-Fine Gran. | 6.80 | lb . | 96.3 | 118.4 | 133. 1 | 139.0 | 244.1 | 398.5 | 90.4 | 6.15 | lb. |
| Sw. Potatoes-No. 3 Standard | 1.15 | dz . | 104.3 | 113.0 | 160.9 | 217.4 | 200.0 | 230.4 | 169.6 | 1.95 | dz. |
| Tea-Formosa. | . $191 / 2$ | lb . | 105.1 | 98.7 | 141.0 | 164.1 | 169.2 | 184.6 | 92.3 | . 18 | lb . |
| Tomatoes-No. 3 Standard | . 95 | dz . | 110.5 | 126.3 | 210.5 | 242.1 | 257.9 | 226.3 | 152.6 | 1.45 | dz. |
| Walnuts-No. I Calif. | . 16 | lb. | 103.1 | 100.0 | 125.0 | 175.0 | 250.0 | 193.7 | 237.5 | . $3^{8}$ | lb. |
| Vinegar-Pure Cider | . 15 | gal. | 100.0 | 106.7 | 180.0 | 213.3 | 266.7 | 300.0 | 140.0 | . 21 | gal. |
| Macaroni. | $.051 / 2$ | lb . | 145.5 | 190.9 | 190.9 | 181.8 | 195.5 | 190.9 | 136.4 | .071/2 | lb. |
| Cocoa-Bulk. | .093/4 | lb . | 153.8 | 143.6 | 148.7 | 174.4 | 246.2 | 184.6 | 51.3 | . 05 | lb . |

TREND OF INDICES OF BASIC COMMODITIES

The accompanying chart shows the sharp decrease in American wholesale prices of basic commodities since the peak in May, 1920. The index stood at 104.09 on July 5 , showing a decrease of 57.05 per cent from the peak reached on May 17, 1920, and was the lowest since the latter part of 1915 . This index number is compiled by the Federal Reserve Bank of New York, and is based on prices of hides, rubber, cotton, wheat, corn, hogs, sugar, copper, lead, pig iron, timber, and petroleum.

INDEX PRICES OF 12 BASIC COMMODITIES


