# MONTHLY REVIEW 

## Of Financial, Agricultural, Trade and Industrial <br> Conditions in the Sixth Federal Reserve District

## FEDERAL RESERVE BANK OF ATLANTA

VOL. 16, No. 7
ATLANTA, GA., July 31, 1931
This review released for publication in morning papers of July 81

## NATIONAL SUMMARY OF BUSINESS CONDITIONS

 Prepared by Foderal Reserve BoardIndustrial production showed more than the usual sen onal decline in June, and factory employment and pay rciis decreased. Wholesale prices, which had continued to derluntil the end of May, advanced in June, but for most modities declined again the first half of July.
Production A decrease in industrial output from May to June was reflected in a decline in the Board's Index of Industrial Production which is adjusted for seasonal variations, to 86 per cent of the 1923-1925 output as compared with 89 per cent in May. Taking the second quarter of the year as a whole, production has averaged about 4 per cent above its low level in the last three months of 1930. The reduction of activity in June was most marked in the iron and steel industry, with steel plants operating at 38 per cent of capacity. Automobile output declined further, and there was some recession in production of lumber, meat products, and flour. Petroleum output, however, was not reduced. Activity of textile mills and shoe factories continued in relatively large volume. In the woolen industry, activity was sustained at the unusually high level of May, and the decline in the consumption of cotton was not in excess of the usual seasonal amount. During the first half of July, there were further reductions, partly seasonal in nature, in output of steel, automobile and lumber. Factory employment was further reduced by nearly 3 per cent, and pay rolls declined by 6 per cent between the middle of May and the middle of June. The largest decreases were in the steel, machinery, and women's clothing industries, while reductions at automobile plants and cotton mills were partly seasonal in character, and employment at woolen and hosiery mills increased. Building contracts awarded in June were somewhat larger than in May, but declined again in the first half of July. Since the early spring, awards have not increased as much as is usual for the season. In residential building there has been relatively little change for about a year and a half, except for seasonal fluctuations, and the decline in construction has been chiefly in other types of building, principally public works and utilites.

Distribution At department stores, daily average sales were seasonally smaller in June than in May. Freight car loadings were also reduced, reflecting principally a further reduction in loadings of miscellaneous commodities.
1.00 Prices During June wholesale prices of many commodities advanced considerably after having reached low levels late in May and early in June. Prices of livestock and meats increased; and after June 21 there were rapid advances in prices of raw materials important in world markets, especially cotton, hides, sugar, silk, copper, silver, and rubber. Subsequently, however, most of these prices receded somewhat, although in mid July they were, in general, above their lowest levels. The price of wheat declined during June and the first half of July, as the domestic price became adjusted to world levels.

Bank Credit At reporting member banks in leading cities, loans on securities continued to decline between the middle of June and the middle of July, while all other loans increased by $\$ 140,000,000$. This increase was concentrated at New York City Banks, and was largely in the form of acceptances purchased in the open market. Member banks' investments continued at about the same level as in May and early June.

Notwithstanding a further addition of $\$ 77,000,000$ to the country's stock of monetary gold between the weeks ending June 20 and July 18, there was no decrease in Federal Reserve Bank credit outstanding. During the period the Reserve Banks' portfolio of United States Securities was increased by $\$ 75,000,000$, while their combined holdings of acceptances and of discounts for member banks decreased by approximately the same amount. The gold inflow provided member banks with funds to meet an added demand for currency, as well as to increase their balances with Reserve Banks. There was also a considerable growth in foreign bank deposits with the Reserve Banks. Money rates continued at low levels.


Index numbers of production of manufactures and minerals combined adjusted for seasonal variations (1923-1925 average=100). Latest figure Digitiz adners6. $R$ AS


Index numbers of factory employment and payrolls, without adjustment for seasonal variations (1923-25 average=100). Latest figure June Fm ployment 75 payrolls 67.6 .


Monthly average of weekly figures for reporting banks in leading cities
Latest figures are averages of first three weeks in July.


Monthly averages of daily fgures. Latest figures are averages of first 19 days in July.

## SIXTH DISTRICT SUMMARY

Although weather conditions have been more or less unfavorable in most parts of the sixth district, July estimates by the United States Department of Agriculture indicate increases over last year's production of corn, wheat, oats, hay, white potatoes and fruits, but a substantial decrease in tobacco, and smaller declines in rice and sugar. Cotton acreage in this district is 9.3 per cent smaller than a year ago, and fertilizer tag sales from August through June have been 30.4 per cent less than in that part of the preceding season.

Seasonal increases were shown in June sales at both retail and wholesale, but retail trade declined from May to June by a smaller percentage than at the same time of the three previous years, and the decline in wholesale sales from May to June was the smallest in five years. Retail trade was 2.6 per cent, and wholesale trade 15.2 per cent, smaller than in June, 1930, and for the first half of 1931 retail trade averaged 8.7 per cent, and wholesale trade 24.0 per cent, less than in the first six months of 1930, taking no account of the difference in price levels. Building permits declined in June, but contract awards increased in Louisiana, Mississippi, Alabama and Florida. Cotton consumption in Alabama was 11.2 per cent, and in Georgia 0.2 per cent greater than in June, 1930. Production of bituminous coal declined in Alabama and Tennessee, and continued less than a year ago, and output of pig iron in Alabama also declined.

Savings deposits reported by 64 banks increased 1.7 per cent in June over May and averaged 5.7 per cent smaller than a year ago. Debits to individual accounts increased 1.3 per cent over May, and were 9.9 per cent less than in June last year. Outstanding reserve bank credit in this district increased between June 10 and July 8, because of increased holdings of purchased bills and government securities. Federal Reserve Note circulation declined and was lower than for other weekly report dates in about nine months. Loans on securities by weekly reporting member banks declined but All Other Loans increased about the same amount. Investment holdings of these banks increased about 12.7 millions of dollars between June 10 and July 8 and were 46.7 millions greater than a year earlier. Borrowings by these banks from the Federal Reserve Bank of Atlanta declined substantially.

## FINANCE

Reserve Bank Total volume of reserve bank credtt outCredit and securities, increased slightly between June 10 and July 8 to a level higher than for any other Wednesday since January 7. The increase in reserve bank credit in this district since the low point was reached the middle of April has been due principally to larger holdings of United States securities, to a slight gain in holdings of purchased bills, and only slightly to an increase in discounts during his period. Holdings of bills discounted declined slightly during the four week period between June 10 and July 8, both those secured Digitized for FRAFFGovernment securities, and "All Others," and were less
than half as large as on the corresponding report date a year ago. Holdings of purchased bills declined during the week following June 10 but have since increased to a point slightly larger than at that time, and somewhat greater than a year ago. United States securities owned by this bank fluctuated little between May 13 and July 1, but increased during the week ending July 8 to a point nearly double these holdings on the same report date last year. Total holdings of bills and securities on July 8 were $\$ 504,000$ greater than on Jone 10 , and were $\$ 5,938,000$ less than on July $9,1930$.

Total reserves have declined from $\$ 149,660,000$ on June 10 to $\$ 141,832,000$ four weeks later, the lowest point for the year, and smaller by $\$ 2,019,000$ than a year ago. Member bank reserve deposits, and total deposits, were less than on either of these comparative report dates, and Federal Reserve Notes in actual circulation also declined, and were at the lowest level for any report date since October 29, last year. Principal items in the weekly statement are shown comparatively in the table.
(000 Onitted)

|  | July 8, 1931. | June 10, 1931. | July 9, 1930 |
| :---: | :---: | :---: | :---: |
| Bilis Diacounted: <br> Secured by Govt. Obligations | \$ 434 | \$ 534 | \$ 1,306 |
| All Others. .-. | 10,865 | 11,927 | 27,633 |
| Total Discour | 11,299 | 12,461 | 28,939 |
| Bitls Bought in open | 9,621 | 9,207 | 8,475 |
| U. S. Becurities | 21,695 | 20,673 | 11,368 |
| Other Securities----- | 230 |  |  |
| Total Bills and Securit | 42,845 | 42,341 | 48,783 |
| Total Rejerves. | 141,832 | 149,660 | 144,451 |
| Member Bank Reserve Depo | 57,352 | 60,132 | 62,661 |
| Total Deposits | 60,289 | 61,580 | 66,862 |
| F. R. Notes in actual circulation | 118,822 | 124,715 | 121,522 |
| Reserve Ratio.. | 79.2 | 80.3 | 76.7 |

Condition of Following a decline of approximately 37 Member Banks in millions of dollars between April 15 and Selected Cities June 10, to the lowest level in six years, total loans and investments of 24 weekly reporting member banks located in Atlanta, New Orleans, Birmingham, Jacksonville, Nashville, Chattanooga, Mobile and Savannah increased nearly 20 millions the following week, but in the three weeks ending July 8 decreased to $\$ 563,308,000$, about 30 millions less than on the same report date a year ago. The gain was due largely to increased holdings of Government securities, and to a small increase in holdings of other securities, as the amount of loans on July 8 was about the same as four weeks earlier. A decrease in loans on securities during this period was about offset by an increase in "All Other Loans."

Total investment holdings of these banks on July 8 were greater by $\$ 12,682,000$ than four weeks earlier, and were $\$ 46,729,000$ greater than a year ago. Holdings of United States securities were $\$ 28,330,000$, and those of other securities $\$ 18,399,000$ greater than at the same time last year.

Demand deposits held by these banks declined $\$ 2,123,000$ from June 10 to July 8, and were $\$ 10,931,000$ less than a year ago, and time deposits increased $\$ 4,119,000$ over those on June 10 , and were $\$ 10,552,000$ less than on July 9 , last year. Bankers' balances were smaller on July 8 than four weeks
earlier, but somewhat larger than a year ago.
Borrowings by these banks from the Federal Reserve Bank of Atlanta amounted on July 8 to only $\$ 278,000$, compared with $\$ 1,980,000$ four weeks earlier, and with $\$ 10,239$,000 on the same report date last year.

Comparisons of principal items in the weekly report are shown in the table.

|  | July 8, 1931. | $\begin{aligned} & \text { (000 Omitted) } \\ & \text { June 10, } 1931 . \end{aligned}$ | July 9, 1930. |
| :---: | :---: | :---: | :---: |
| Loans: | \$ 113804 | $\$ 116280$ | $\$ 147.210$ |
| All Other | 268,324 | 265,846 | 311,751 |
| Total Loans | 382,128 | 382,126 | 458,961 |
| U. S. Securities. | 90,963 | 80,395 | 62,633 |
| Other Bonds and Securities. | 90,217 | 88,103 | 71,818 |
| Total Investments. | 181,180 | 168,498 | 134,451 |
| Total Loans and Investments. | 563,308 | 550,624 | 593,412 |
| Time Deposits. | 231,550 | 227,431 | 242,102 |
| Demand Deposits | 303,660 | 305,783 | 314,591 |
| Due To Banks. | 105,860 | 117,859 | 99,674 |
| Due From Banks | 85,255 | 87,781 | 75,856 |
| Borrowings From F. R. Bank | 278 | 1,980 | 10,239 |

Deposits of All Following increases recorded for three sucMember Banks cessive months, following the low point in January, the daily average of demand deposits of all member banks in the Sixth District declined 1.2 per cent in May compared with April, and was 8.3 per cent smaller than in May last year, although 1.5 per cent above the January average. Daily average time deposits declined 0.7 per cent in May compared with April and were 18.1 per cent below the average for May 1930, but were 0.8 per cent above the low point for February. Changes over the past year are shown in the table.

|  | Demand Deposits | Time Deposits |
| :---: | :---: | :---: |
| May | 550,343,000 | \$ 450,145,000 |
| June | 518,808,000 | 447,126,000 |
| July- | 513,185,000 | 440,316,000 |
| August | 503,651,000 | 439,054,000 |
| September | 510,694,000 | 441,347,000 |
| October | 511,050,000 | 437,617,000 |
| November | 512,420,000 | 434,502,000 |
| December- | 498,707,000 | 413,822,000 |
| 1931- |  |  |
| January | 497,490,000 | 397,942,000 |
| February | 503,634,000 | 388,008,000 |
| March | 508,016,000 | 394,622,000 |
| April | $510,940,000$ $504,938,000$ | $393,918,000$ $391,190,000$ |

Savings Savings deposits held at the end of June by 64 Deposits reporting banks located throughout the district increased on the average by 1.7 per cent over the month before, and averaged 5.7 per cent less than at the end of June, 1930. Totals for Atlanta, and for cities in which branches of the Federal Reserve Bank of Atlanta are located, are shown comparatively in the table, in thousands of dollars. Banks located elsewhere in the district are grouped under "Other Cities."

|  | (000 Omitted) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { Banks } \end{gathered}$ | June | $\begin{aligned} & \text { May } \\ & 1931 \end{aligned}$ | $\begin{aligned} & \text { June } \\ & 1930 \end{aligned}$ | $\begin{aligned} & \text { Percen } \\ & \text { Juge } 1931 \\ & \text { May } 1931 \end{aligned}$ | Change <br> cpared with <br> June 1930 |
| Atlanta | 4 | \$ 41, 211 \$ | 40,832 | \$44,435 | +0.9 | - 7.3 |
| Birmingham. | 3 | 21,579 | 21,171 | 25,288 | + +1.9 | -14.7 |
| Jacksonville. | 4 | 16,043 | 16,093 | 18,111 | -0.3 | -11.4 |
| Nashville. | 5 | 31,845 | 31,495 | 32,523 | +1.1 | $-2.1$ |
| New Ortenns. | 6 | 53,461 | 52,481 | 53,629 | +1.9 | $-0.3$ |
| Other Cities | 42 | 83,261 | 81,158 | 94,884 | + +2.6 | $-12.2$ |
| Total. | 64 | 247,400 | 243,230 | 262,370 | +1.7 | $-5.7$ |

Debits to Total debits to individual accounts at 26 reportIndividual ing clearing house centers of the Sixth District Accounts increased 1.3 per cent in June over the preceding last year. During the past ten years there have been increases in bank debits from May to June in only two instances, and declines in eight. Increases over May were reported from New Orleans, Nashville, Chattanooga and Pensacola, and at New Orleans over June last year. The gain at New Orleans was largely due to some unusual transactions connected with state financing. Monthly totals shown in the table are derived from weekly reports by pro-rating figures Digitized for FRASER
for those weeks which do not fall entirely within a single calendar month.

|  | June 1931 | May 1931 | June 1930 |
| :---: | :---: | :---: | :---: |
| Alabama-4 Cities | \$ 144,197 | \$153,740 | \$ 173,922 |
| Birmingham | 99,130 | 105,517 | 117,251 |
| Dothan. | 2,074 | 2,535 | 2,416 |
| Mobile | 26;883 | 28,571 | 34,466 |
| Montgomery | 16,110 | 17,117 | 19,789 |
| Florida-4 Cities | \$ 108,510 | \$117,119 | \$ 127,008 |
| Jacksonville | 60,557 | 62,967 | 69,559 |
| Miami. | 16,366 | 21,139 | 22,754 |
| Pensacola | 6,515 | 5,989 | 6,640 |
| Tampa | 25,072 | 27,024 | 28,055 |
| Georgia-10 Cities | \$ 214,603 | \$ 221,252 | \$ 241,698 |
| Albany | 2,781 | 2,885 | 3,230 |
| Atlanta | 136,922 | 139,594 | 147,783. |
| Augusta- | 15,956 | 17,827 | 18,294 |
| Brunswick | 2,452 | 2,469 | 2,887 |
| Columbus | 11,104 | 11,362 | 12,898 |
| Elberton | 581 | 1214 | 711 |
| Macon- | 12,384 | 12,831 | 16,366 |
| Newnan. | 1,274 | 1,308 | 1,291. |
| Savannah | 28,141 | 29,253 | 35,080 |
| Valdosta | 3,008 | 3,009 | 3,158 |
| Louisiana-New Orleans | \$ 293,648 | \$ 255,952 . | \$ 262,788 |
| Mississippi-4 Cities | \$ 29,444 | \$ 33,710 | \$ 52,123 |
| Hattiesburg | 4,088 | 4,819 | 6,516 |
| Jackson-- | 15,214 | 18,578 | 28,283 |
| Meridian | 5,960 | 6,084 | 11,951 |
| Vicksburg | 4,182 | 4,229 | 5,373 |
| Tennessee-3 Cities | \$ 138,875 | \$ 135,615 | \$ 173.499 |
| Chattanooga | 39,951 | 39,542 | 46,591 |
| Knoxville. | 24,328 | 25,995 | 30,553 |
| Nashville | 74,596 | 70,078 | 96,355 |
| Total 26 Cities. | \$ 929,277 | \$ 917,388. | \$1,031,038 |

## AGRICULTURE

June was a hot, dry month in most parts of the gixth district and crops in many sections were seriously affected by the lack of rain. Temperatures have continued high during the early part of July, but there have been scattered rains. The first crop estimate of the season by the United States Department of Agriculture indicates larger production of most of the staple crops in this district as a whole, except tobacco, and also omitting cotton for which production is not estimated until August. Tobacco acreage in Georgia is 18 per cent less than in 1930, and production is estimated at $51,700,000$ pounds, a decrease of 45 per cent from last year, and production in Tennessee is estimated at 105,950,000 pounds againgt $124,972,000$ pounds in 1930 . In the table are shown estimates based upon conditions on July 1 this year, compared with production during 1930 of the principal staple crops in the sixth district.

|  | (000 Omitted) |  |  |
| :---: | :---: | :---: | :---: |
|  | Estimated <br> July 1, 1931 | $\begin{gathered} \text { Production } \\ 1930 \end{gathered}$ | Percentage Comparison |
| Corn, bu. | 153,864 | 124,415 | +23.7 |
| Wheat, bu | 4,364 | 2,563 | + 70.3 |
| Oets, bu. | 16,675 | 10,764 | +54.9 |
| Tame Hay, tons | 2,334 | 1,937 | +20.5 |
| Tobaceo, lbe.... | 142,110 | 203,725 | -30.2 |
| White Potatoes, | 16,265 | 11,350 | +43.3 |

Cotton The United States Department of Agriculture esAcreage timates that on July 1 this year there were 41,491,000 acres planted in cotton. This is a decreose of 10 per cent compared with the acreage in cotton on July 1,1930 , and is 8 per cent smaller than the acreage actually harvested last year. For the six states in this district the average decrease is 9.3 per cent, as indicated in the following figures for individual states:


The abandonment last year after July 1 in this district was 1.1 per cent, and in the country as a whole 2.1 per cent.

Cotton The averages of spot prices at the ten designated
Prices $\quad$ markets during June and early July, as reported Prices markets during June and early July, as reported by the Department of Agriculture, are indicated in the following figures:


Fertilizer A further seasonal decline is indicated in sales of Tag Sales fertilizer tags in the six states of this district during June, and a decrease of 34.3 per cent compared with June last year. Cumulative totals for the eleven months of the present season, August 1930 through June 1931, show decreases compared with that part of the previous season ranging from 9.7 per cent for Florida to 51.7 per cent for Mississippi, and averaging 30.4 per cent for the six states combined. These comparisons by states are set out in the following table.

|  | $\begin{aligned} & \text { June } \\ & 1931 \end{aligned}$ | $\begin{aligned} & \text { June } \\ & 1930 \end{aligned}$ | (Short tons) August to 1930-31 | $\begin{aligned} & \text { June } \\ & \text { 1929-30 } \end{aligned}$ | Percentage Comparison |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Alabama | 2,550 | 4,850 | 418,900 | 649,450 | -35.5 |
| Florida | 11,288 | 11,294 | 394,808 | 437,422. | - -9.7 |
| Georgia | 2,221 | 6,379 | 690,634 | 922,626 | -25,1 |
| Louisiana | 250 | , 600 | 96,718 |  | -47,5 |
| Mississippi | 1,341 | 3,240 | 197,061 | 407,751 | $-51.7$ |
| Tennessee. | 407 | 1,114 | 123,786 | 160,882 | -23.1 |
| Total. | 18,057 | 27,477 | 1,921,907 | 2,762,376 | $-30.4$ |

Sugar Cane The acreage in sugar cane in Louisiana is estiand Sugar mated at 188,000, compared with 187,050 acres in 1930, and the estimated production of sugar is 165,144 short tons, compared with 183,693 short tons produced last year. The crop averages from 3 to 4 weeks later than usual, the cane is undersized, and rains are needed throughout the cane belt.

| Sugar Movement (Pounds) |  |  |  |
| :---: | :---: | :---: | :---: |
| Receipts: | June 1931 | May 1931 | June 1930 |
| New Orleans | 117,710,064 | 94,794,134 | 135,057,790 |
| Savannah | 24,515,055 | 14,573,359 | 25,193,128 |
| Meltings: |  |  |  |
| New Orieans. | $152,718,504$ $41,044,586$ | $74,419,854$ $9,306,004$ | $126,882,863$ $8,664,109$ |
| Stocks: |  |  |  |
| New Orieans | 35,559,695 | 73,980,900 | 159,338,038 |
| Savannah | 56,596,889 | 73,126,420 | 77,941,876 |
|  | Refined Sugar |  |  |
|  | June 1931 | May 1931 | June 1930 |
| Shipments: |  |  |  |
| New Orleans. | 140,413,755 | 104,617,458 | 123,387,002 |
| Savainnah | 35,812,686 | 24,565,064 | 32,120,218 |
| Stocks: |  |  |  |
| New Orleans. Savannah..- | $61,604,740$ $16,863,334$ | $55,009,523$ $18,085,323$ | $\begin{array}{r} 103,660,937 \\ 3,472,209 \end{array}$ |

Rice The area sown to rise in Louisiana in 1931 is estimated at 466,000 acres, compared with 491,000 acres last year. The July estimate indicates a crop of $16,766,000$ bushels, against 17,676,000 bushels produced in 1930.

Rice Movement (Barrels)
Rice Millers Association Statistics

| Receipts of Rough Rice: | June | August 1 to June 30 |
| :---: | :---: | :---: |
| Season 1930-31... | 324,474 | 9,776,098 |
| Season 1929-30. | 59,690 | 9,017,995 |
| Distribution of Milled Rice: 0 ,--------9, |  |  |
| Season 1930-31 | 600,568 | 9,712,652 |
| Season 1929-30.-.-- | 345,705 | 9,437,740 |
| Stocks of Rough and Milled Rice: |  |  |
| July 1, 1931. | 1,051,303 |  |
| June 1, 1931 | 1,292,671 |  |
| July 1, 1930.. | -687,350 |  |

## TRADE

Retail There was a seasonal decline in retail distribution Trade of merchandise through reporting department stores in the sixth district in June, as compared with the three spring months, March, April and May. The decrease from May to June this year was, however, smaller than at the same time since 1927. An increase is reported from Atlanta over June 1930, and of the 41 reporting firms in the district, 17 of these reported sales greater than in June last year, a much larger proportion than in many months. An increase over May was reported from Chattanooga, contrary to the usual seasonal trend. For the month, total sales of the 41 reporting department stores in the district averaged 2.6 per cent less than in June 1930, and were 12.8 per cent less than in May. For the first half of 1931, total sales by these reporting firms have averaged 8.7 per cent below their sales during the first six months of 1930. These comparisons are of dollar sales figures, and make no allowance for the different level of prices, which are estimated by some of the reporting firms to have been approximately 18 per cent below those charged in June last year.

Stocks of merchandise declined an average of 5.4 per cent from May to June, and at the end of June averaged 18.5 per cent smaller than a year ago, and the rate of stock turnover continues higher than at the same time last year. Accounts receivable at the end of June were 3.8 per cent less than a month earlier, and 6.4 per cent smaller than a year ago, and June collections declined 4.9 per cent compared with those in May and show a decrease of 6.9 per cent compared with June 1930.

The ratio of collections during June to accounts receivable and due at the beginning of the month for 33 firms was 29.5 per cent, compared with a ratio of 31.3 per cent for May, and 29.0 per cent for June last year. For June the ratio of collections against regular accounts was 31.6 per cent, and the ratio of collections against installment accounts. for 10 firms was 15.0 per cent. Detailed comparisons of reported figures are shown in the table.

RETAIL TRADE IN THE SIXTH DISTRICT DURING JUNE 1931
BASED ON CONFIDENTIAL REPORTS FROM 41 DEPARTMENT STORFS


Note: The rate of stock turnover is the ratio of sales during given period to average stocks on hand.

Wholesale The distribution of merchandise at wholesale in Trade the sixth district declined further in June，com－ pared with earlier months of the year，to the low－ est level in available statistics．The decline from May to June，however，amounting to 5.4 per cent，was smaller than has occurred at the same time during any of the past five years．June sales were 15.2 per cent less than in June last year，while in May there was a decrease of 23.7 per cent compared with that month of 1930．Sales of electrical sup－ plies gained 4.0 per cent over May，but other lines showed decreases，and sales in all of the eight reporting lines were less than a year ago．Stocks on hand，accounts receivable and collections declined，and were less than in the same month last year．

Cumulative sales for the first half of 1931 averaged 24 per cent smaller than during that period of 1930．The compari－ sons for the six months period are slightly more favorable than they were for the five months period ending May 31， except in the case of stationery which showed a smaller in－ crease．Cumulative comparisons shown in the table below are followed by the monthly comparisons of reported figures for June．

These comparisons are of dollar figures and make no al－ lowance for the difference in the prevailing level of prices．


WHOLESALE TRADE IN June 1931
Sixth Federal Reserve District（a）

| Line，Item and area | Number of Firms | Percentage change June 1931 <br> May compared with 1931 June 1930 |  |
| :---: | :---: | :---: | :---: |
| All Lines Combined： |  |  |  |
| Sales． | 123 | － 5.4 | －15．2 |
| Stocks on hand | 28 | － 5.4 | －20．2 |
| Accounts receivable | 54 | － 2.4 | －11．6． |
| Collections． | 59 | － 5.6 | －24．6 |
| Groceries： |  |  |  |
| Sales． | 28 | $-3.0$ | －16．0 |
| Atlanta | 4 | $-1.9$ | － 5.5 |
| Jacksonville | 4 | ＋ 1.3 | － 3.6 |
| New Orleans | 5 | －0．2 | －20．4 |
| Vicksburg | 3 | －14．8 | －27，1 |
| Other Cities | 12 | － 3.6 | －19．0 |
| Stocks on hand | 3 | －13．3 | －14，0 |
| Accounts receivable | 11 | $-3.8$ | －8．8 |
| Collections． | 12 | －． 4.5 | －23．2 |
| Dry Goods： |  |  |  |
| Sales | 22 | －17．8 | －6．2 |
| Atlanta | 3 | $-14.5$ | －11．2 |
| Nashville | 3 | －28．8 | －19．5 |
| Other Cities | 16 | －15．0 | － 1.3 |
| Stocks on hand | 11 | －1．7 | －33．5 |
| Accounts receivable | 12 | － 0.8 | －13．6 |
| Collections． | 14 | －18．4 | －25．5 |
| Hardware： |  |  |  |
| Sales－－－－ | 29 | $-3.3$ | －19．5 |
| Atlanta | 3 | $+2.6$ | ＋ 8.2 |
| Mobile | 3 | － 7.6 | －9．6 |
| Nashville | 4 | ＋ 1.3 | －11．2 |
| New Orleans | 5 | ＋ 3.6 | －31．9 |
| Other Cities | 14 | －12．2 | －20．8 |
| Stocks on hand－－－－ Accounts receivable | 10 | － 5.8 | 二13．4 |
| Accounts receivable | 17 19 | 二 3.9 | 二 24.8 |
| Furniture： |  |  |  |
| Sales．－－ | 13 | －19．9 | $-7.5$ |
| Atlanta | 5 | $-8.9$ | $-3.3$ |
| Other Cities | 8 | $-21.8$ | －8．8 |
| Stocks on hand | 4 | ＋2．4 | －34．9 |
| Accounts receivable． | 8 | ＋0．02 | －14．7 |
| Collections． | 7 | ＋ 1.3 | $-31.1$ |
| Electrical Supplies： |  |  |  |
| Sales．－－－ | 16 | ＋ 4.0 | －18．8 |
| Atlanta | 3 | ＋ 9.1 | $-8.3$ |
| Jacksonville | 3 | ＋17，6 | ＋ 6.1 |
| New Orleans | 4 | $-4.0$ | －33．9 |
| Other Cities． | 6 | －8．2 | －29．4 |
| Stocks on hand－．．．－ |  |  | ${ }_{-16 .}$ |
| Accounts receivable． Collections | 3 4 | +0.4 +20.3 | － 28.5 |
| Drugs： |  |  |  |
| Sales ． | 8 | － 5.4 | －10．5 |
| Accounts reveivable． | 3 | ＋ 1.6 | －11．0 |
| Collections． | 3 | －8．0 | －10．8 |
| Shoes： |  |  |  |
|  |  |  |  |
| Sales ．－－ | 4 | －7．2 | －2．3 |
| （a）－Based upon confidential reports from 123 firms． |  |  |  |

（a）－Based upon confidential reports from 123 firms．

Life
Insurance After three consecutive monthly increases，sales of new，paid－for，ordinary life insurance in the six states of this district declined 2.5 per cent in June，and were 14.5 per cent less than in June 1930．The decrease of 2.5 per cent from May to June compares with a decline of 10.8 per cent at the same time last year．For the first six months of the year，there was a decrease of 22.8 per cent for the district compared with the first half of 1930.

|  | $\begin{aligned} & \text { June } \\ & 1931 \end{aligned}$ | June（000 omitted） |  |  | $\begin{aligned} & \text { Percentage } \\ & \text { Change } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Alabama | \＄4，724 | \＄5，542 | \＄26，879 | \＄35，754 | －24．8 |
| Florida | 6，244 | 6，882 | 30，579 | 37，141 | －17．7 |
| Georgia | 9，635 | 9，427 | 50，035 | 56，269 | －11．1 |
| Louisiana | 5，840 | 6，517 | 33，199 | 41，669 | －20．3． |
| Mississippi | 2，822 | 3，678 | 14，832 | 22，551 | －34．2 |
| Tennessee． | 7，461 | 10，907 | 45，215 | 66，489 | －32．0 |
| Total | \＄36，726 | \＄42，953 | \＄200，739 | \＄259，873 | －22．8 |

CommercialBusiness failures in the United States number－ Failures ed 1，993 in June，compared with 2，248 in May and with 2,026 in June last year，according to statistics compiled by R．G．Dun \＆Co．，and liabilities for June totaled $\$ 51,655,648$ ，against $\$ 53,371,212$ for May，and $\$ 63,130,762$ for June 1930.

In the sixth district there were 135 failures in June， 138 in May，and 145 in June a year ago，and liabilities for June totaled $\$ 3,013,825$ ，against $\$ 370,979$ for May，and compared with $\$ 2,743,872$ for June 1930．Cumulative totals for the half year amount to 996 failures，with liabilities of $\$ 16,-$ 589,275 ，against 735 failures with liabilities of $\$ 15,017,032$ during the first six months of 1930.


## INDUSTRY

Building and There was a substantial gain recorded in con－ Construction tract awards in the sixth district during June over the preceding month，but building per－ mits at reporting cities declined，and both contract awards and building permits continued smaller than a year ago．
Total value of buildings for which permits were issued in June at 20 reporting cities of the sixth district amounted to $\$ 1,814,593$ ，a decrease of 23.1 per cent from May and 39.5 per cent smaller than in June last year．Seven of these re－ porting cities，however，reported gains over June 1930．The June total is the smallest，except for December 1930，for any month in more than eleven years for which these sta－ tistics are available．Cumulative totals for the first half of 1931 amount to $\$ 15,503,836$ ，a decrease of 38.3 per cent compared with the total of $\$ 25,127,386$ for that part of 1930. Comparisons for the month are shown in the table．

| City | Number June |  | Value June |  |  | Percentage Change in value |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alabama： |  |  |  |  |  |  |
| Anniston | 19 | 24 | \＄120，691 | \＄ | 21，655 | ＋457．3 |
| Birmingham | 170 | 293 | 130，112 |  | 472，705 | － 72.5 |
| Mobile | 27 | 46 | 40，750 |  | 90，623 | － 55.0 |
| Montgomery | 104 | 108 | 129．535 |  | 109.872 | ＋ 17.9 |
| Florida： |  |  |  |  |  |  |
| Jacksonville． | 350 | 268 | 55，205 |  | 128，905 | － 57.2 |
| Miami | 312 | 364 | 145，082 |  | 274，810 | － 47.2 |
| Orlando | 53 | 55 | 23，340 |  | 39，355 | $-40.7$ |
| Pensacola | ＊＊ | 69 | 35，124 |  | 28，620 | ＋－22．7 |
| Tampa | 239 | 254 | 40，370 |  | 69，958 | － 42.3 |
| ＊Lakeland | 14 | 11 | 5，225 |  | 9，650 | － 45.9 |
| ＊Miami Beach | 45 | 47 | 324，450 |  | 576，140 | － 43.7 |
| Georgia： |  |  |  |  |  |  |
| Atlanta | 368 | 282 | 228，858 |  | 577，200 | － 60.4 |
| Augusta | 92 | 87 | 21， 165 |  | 98，126 | － 78.4 |
| Columbus | 55 | 42 | 25，415 |  | 39，645 | － 35.9 |
| Macon． | 198 | 193 | 52，863 |  | 106，435 | － 50.3 |
| Savannah | 24 | 14 | 36，225 |  | 30，790 | ＋ 17.7 |


|  | Number June |  | Value June |  | Percentage change inv alue |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Louisiana: | 1931 | 1930 | 1931 | 1930 |  |
| New Orieans. | 128 | 118 | 234,347 | 226,997 | + 3.2 |
| Alexandria - | 47 | 46 | 15,636 | 46,656 | - 66.5 |
| Tennessee: |  |  |  |  |  |
| Chattanooga. | 233 | 277 | 85,601 | 230,634 | -62.9 |
| Johnson City | 6 | 5 | 7,725 | 3,600 | +114.6 |
| Enoxville | 65 | 67 | 79,752 | 149,916 | - 46.8 |
| Nashville. | 181 | 195 | 306,797 | 251,959 | $+21.8$ |
| Total. | 2,669 | 2,807 | \$1,814,593 | \$2,998,461 | -39.5 |
| $\begin{array}{llll}\text { Index No. } & & 16.1 & 26.6\end{array}$ |  |  |  |  |  |
| *-Not included i **-Not reporte | or ind | numb |  |  |  |

Contracts awarded in the sixth district during June increased 42 per cent over May, according to statistics compiled by the F. W. Dodge Corporation and subdivided into district totals by the Division of Research and Statistics of the Federal Reserve Board, but were 81.4 per cent less than in June, 1930. Large increases over May occurred in Louisiana, Mississippi and Alabama , and a small gain in Florida, and Louisiana and Mississippi also showed increases over June 1930. The June total for the district was $\$ 18,287,796$, compared with $\$ 12,876,971$ for May, and with $\$ 26,673,460$ for June 1930. Residential contracts in June, amounting to $\$ 3,441,056$, accounted for 18.8 per cent of the total, and were 12.1 per cent greater than in May, but 28.3 per cent less than in June last year. Cumulative totals of contract awards in the first half of 1931 for the sixth district as a whole amount to $\$ 104,013,384$, a decline of 29.8 per cent compared with the total of $\$ 148,199,322$ during that part of 1930 . Comparisons for the month, by states, are shown in the table. Parts of the figures for Louisiana and Mississippi apply to other Federal Reserve Districts.

|  | Jupe 1931 | May 1931 | June 1930 |
| :---: | :---: | :---: | :---: |
| Alabama | \$2.831.800 | \$1.572.900 | \$6,761,900 |
| Florida. | 2,130,500 | 2,084,200 | 3,687,100 |
| Georgia | 2,272,200 | 4,356,100 | 7,235,500 |
| Louisiant | -11,304,000 | 3,783,700 | 5,534,800 |
| Mismistip | 2,497,200 | 972,500 | 2,341,900 |
| Tennes | 1,455,300 | 1,618,000 | 3,795,200 |

Total contract awards in the 37 states east of the Rocky Mountains amounted in June to $\$ 331,879,700$, an increase of 8.4 per cent over the total of $\$ 306,079,100$ for May, and 44.7 per cent smaller than the total of $\$ 600,573,400$ for June last year. Cumulative totals for the first half of the year amount to $\$ 1,808,226,800$, a loss of 31.5 per cent compared with the total of $\$ 2,638,013,300$ for the first half of 1930.
Lumber Conditions in the lumber industry in the south continue unsatisfactory, according to press reports during June and early July. Business continues in reduced volume and a general lack of stability of prices. Buyers are reported to be continuing their practice of confining their purchases to their actual minimum requirements with no indication of any stocking up for further needs. Information published in the Southern Lumberman indicates some slight improvement in the market for big timbers, and an increase in the number of inquiries, which may result in later improvement in demand. Weekly statements of the Southern Pine Association indicate that production is being held below the volume of current orders. Reports for the five weeks ending July 4 , by mills which also reported for those weeks a year ago, show that output by these mills averaged 9.7 per cent less than a year ago, production was 33.5 per cent smaller, and unfilled orders averaged 28.2 per cent less. During the five weeks period orders received by these mills averaged 12.4 per cent greater than their production, while at the same time a year ago orders were 17.2 per cent less than output. Comparisons of weekly figures, with those for corresponding periods a year ago, are shown in the table.

| Week Ended: | Number of Mills | (In thousands of Orders |  | Feet) <br> Production |  | $\begin{gathered} \text { Unfilied Orders } \\ 1931 \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1930 | 1931 | 193 |  |  |
| June 6 | 114 | 31,920 | 37,710 | 30,488 | 43,391 | 83,433 | 120,397 |
| Juae 13 | 106 | 27,888 | 31,786 | 26,237 | 39,926 | 78,897 | 109.641 |
| Juee 20 | 113 | 28,854 | 30,307 | 25,168 | 39,294 | 82.572 | 16,772 |
| Jume | 109 | 30,156 | 31,819 | 24,731 | 39,539 | 79,359 | 104,915 |
| July 4 | 105 | 26,439 | 29,252 | 22,591 | 32,174 | 76,125 | 05,726 |

Consumption Consumption of cotton by American mills deof Cotton creased 2.2 per cent in June compared with May, but was 12.4 per cent greater than in June last year. At the same time a year ago, there was a decline of 14.5 per cent from May to June. Stocks held at the end of June by consuming establishments were $\mathbf{1 0 . 1}$ per
cent smaller than for May, and show a decrease of 16.7 pex cent compared with those held at the end of June 1930, and stocks held in public storage and at compresses were 9.5 per cent smaller than for the month before, but 60.1 per cent greater than for June last year.

Exports of cotton from the United States during June declined by 23.9 per cent in comparison with May, but were 38 per cent greater than in June a year ago, and the number of spindles active during June decreased by 2.3 per cent, and was 6.7 per cent smaller than a year ago.

Cumulative totals for the eleven months of the cotton season, August through June, indicate that domestic consumption has amounted to $4,820,430$ bales, a decline of 15.8 per cent compared with consumption during that part of the previous season, and exports have totaled $6,492,850$ bales, a decrease of only 0.3 per cent compared with the total of 6,514,274 bales exported during the same part of the 1929-30 season.

| Cotton Consumed: | United States (Bales) June 1931 | May 1931 | June 1930 |
| :---: | :---: | :---: | :---: |
| Lint | 455,388 | 465,770 | 405,236 |
| Linters. | 61,433 | 66,949 | 59,196 |
| Stocks in Consuming Establishments: |  |  |  |
| Lint.- | 1,130,514 | 1,258,222 | 1,356,664 |
| Linters. | 258,338 | 272,908 | 231,550 |
| Stocks in Public Storage and at Compresses: |  |  |  |
| Lint. | 4,970,626 | 5,494,025 | 3,105,226 |
| Linter | 54,931 | 70,114 | 9,989 |
| Exports | 255,459 | 335,796 | 185,053 |
| Imports | 4,134 | 15,189 | 9,550 |
| Active Spindles (Nu | - $25,798,910$ | 26,397,906 | 27.659.308 |

## Cotton <br> Manufacturing

Production of both cloth and yarn by cotton mills in the sixth district reporting to the Federal Reserve Bank declined in June. Output of cloth was greater than in June last year, but production of yarn 6.3 per cent smaller. Shipments by both classes of mills declined from May to June but were greater than in June 1930. Orders booked by yarn mills increased over May, and those of cloth mills declined, but increases over June 1930 are shown in both instances. There was a gain of 1.6 per cent in the number of workers on payrolls of cotton cloth mills from May to June. Percentage comparisons of reported figures are shown in the table.

|  | Number of | Percentage change Jume 1931-compared with |  |
| :---: | :---: | :---: | :---: |
| Cotton Cloth: | Mills |  |  |
| Production. | 13 | $-5.5$ | + 7.5 |
| Shipments. | 12 | $-5.0$ | 45.4 |
| Orders booked | 7 | -27.7 | +26.4 |
| Unfilled orders | 10 | $-10.1$ | -10.7 |
| Cotton Yarn: |  |  |  |
| Production. | 7 | $-6.2$ | $-6.3$ |
| Shipments. | 7 | - 9.4 | $+6.3$ |
| Orders booked | 4 | +48.7 | +49.6 |
| Unfilied orders | 6 | + 0.6 | +41.3 |
| EStocks on hand.-.-İ | 6 | -6.3 | $=6.7$ |

Cottom Seed There was a further decline in activity at cotProducts ton seed oil mills in this district, and in the country as a whole during June, as the end of the present season (July 31) approaches. Cumulative figures for the eleven months of the season, August through June, indicate decreases compared with that period of the geason before in the amount of cotton seed received by mills in this district and in their stocks at the end of June, although there was a slight increase in the amount crushed. Production of crude oil during this period was 3.6 per cent smaller than in the same part of the 1929-30 season, and production of hulls was 0.8 per cent, and of linters 11.4 per cent respectively smaller, output of cake and meal showing an increase of 2.6 per cent. Stocks of crude oil and of halls were smaller, but supplies of cake and meal and of linters somewhat larger, than a year ago.

For the country as a whole declines continue to be shown in the cumulative tatals of cotton seed received, crushed, and held by mills at the end of June, and in production of cottonseed products. Stocks of crude oil were smaller, bat those of other products larger, than a year earlier.

Combined totals for Georgia, Alabama, Louisiana and Mississippi are shown comparatively in the first two columns of the table, and totals for the country as a whole are shown in the last two columns.

| Cotton Seed and Cotton Seed Products <br> (*) Sixth District <br> United States <br> Aug. 1 to June 30 Aug. 1 to June 30 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Cotton Seed, Tons: | 1930-31 | 1929-30 | 1930-31 | 1929-30 |
| Received at mills. | 1,842,748 | 1,869,442 | 4,681,858 | 4,991,627 |
| Crushed | 1,847,825 | 1,847,546 | 4,694,037 | 4,953,954 |
| On Hand, June 30 | 6,563 | 33,982 | 33,237 | 77,164 |
| Production: 6, 31031 |  |  |  |  |
| Crude Oil, lbs | 575,717,549 | 597,055,695 | 1,434,863,644 | 1,552,896,323 |
| Cake and Meal, tons | 816,552 | 795,617 | 2,153,651 | 2,203,465 |
| Mulls, tons. | 519,728 | 524,106 | 1,297,460 | 1,366,054 |
| Stocks at mills, June 30: 328,740 1,024,260 |  |  |  |  |
|  |  |  |  |  |
| Cake and Meal, tons | 1,62,269 | 31,947 | -192,136 | - 85 ',277 |
| Mulls, tons | 10,933 | 13,428 | 69,070 | 42,764 |
| Linters, bales | 72,190 | 43,915 | 208,618 | 160,122 |

$\begin{array}{ll}\text { Electric } & \text { Production of electric power for public use in the } \\ \text { Power } & \text { six states of this district declined in May by less }\end{array}$ 7.7 per cent than one per cent compared with April, and was 7.7 per cent smaller than in May last year. Production by plants using water power was 1.4 per cent smaller in May than in April, and 9.6 per cent less than in May 1930, while output by those plants using fuels was about the same as in April and 3.6 per cent smaller than a year ago. Consumption of coal and of natural gas in the production of electric power increased 4.8 per cent and 3.9 per cent, respectively, over April, but was 14.8 per cent and 5.4 per cent, respectively, smaller than in May 1930, while consumption of fuel oil declined 5.2 per cent from April to May and was 8.5 per cent less than in May last year. Cumulative totals for the first five months of 1931 compared with that period of 1930 show decreases of 1.3 per cent in total production of electric power, 23.6 per cent in consumption of coal, 4.7 per cent in consumption of fuel oil, and 4.3 per cent in consumption of natural gas, in the production of electric power by public utility power plants in these states. Comparisons for the month are shown in the table.

|  | May 1931 | April 1931 | May 1930 |
| :---: | :---: | :---: | :---: |
| Production of Electric Power in thonsands of $k$. w. hours: |  |  |  |
|  |  |  |  |
| By use of: Water Power | 4819,636 | 482, 4 ,093 | 520,893 353,605 |
| Fuels...- | 161,341 | 161,459 | -357,605 |
| Fuels Consumed in Production of Electric Power: |  |  |  |
|  |  |  |  |
| Coal-tons. | 12,258 | 11,693 | 14,392 |
| Fhuel oil, bbls | 179,695 | 189,521 | 196,378 |
| Natural Gas-000 cul | 1,718,598 | 1,653,913 | 1,816,653 |

Bituminous Preliminary figures compiled by the United Coal Mining States Bureau of Mines indicates a gain of 3.0 per cent in total production, and of 0.6 per cent in daily average output, in June over May, but declines of 13.5 per cent in total, and 16.8 per cent in daily average, compared with June, 1930. A comparison of these monthly totals is shown below.

| Total <br> Production <br> (tons) | Number of <br> working <br> days | Average per <br> working day <br> (tons) |
| :---: | :---: | :---: |
| $29,165,000$ | 26 | $1,122,000$ |
| $28,314,000$ | 25.4 | $1,115,000$ |
| $33,714,000$ | 25 | $1,349,000$ |

Weekly figures for Alabama and Tennessee have declined further, the average for those weeks ending in June being 7.1 per cent for Alabama and 16.9 per cent for Tennessee below the average for May, and 14.6 per cent for Alabama and 32.6 per cent for Tennessee below the average for June last year. Weekly comparisons are shown in the table following:

|  | United States |  | Alabama |  | Tennessee |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Week Ending: | 1931 | 1930 | 1931 | 1930 | 1931 | 1930 |
| June 6 | 6,585 | 8,151 | 227 | 275 | 68 | 92 |
| June 13- | 6,674 | 7,986 | 220 | 264 | 64 | 88 |
| June 20 | 6,635 | 7,998 | 217 | 260 | 63 | 89 |
| June 27 | 6,752 | 7,995 | 225 | 255 | 60 | 92 |
| July 4 | 5,961 | 6,545 |  |  |  |  |

Cumulative production during the calendar year to July 4, approximately 156 working days, continues smaller than for that part of other recent years, as indicated in the following figures:


Statistics compiled and published by the Iron Age indicate a decline in production of pig iron in the United States in June amounting to 17.8 per cent under the May level, and 44.2 per cent less than in June 1930. June output was the lowest for any month since Digitiz February 1922 . There was a loss of 14 in the number of furhttp://fraser.stlouisfed.org/
naces active, between June 1 and July 1, and a decrease of 69 compared with the number active on July 1 a year ago. Average daily output in the United States declined 15.1 per cent from May to June, and except for last December, was smaller than for any other month since January 1922.

Production of pig iron in Alabama declined 7.5 per cent from May to June, and was 19.5 per cent smaller than in June last year. From the low point in December, however, Alabama output increased each month through May, and in June was still 32.9 per cent greater than in December. Daily average production in Alabama declined 4.4 per cent from May to June, and although smaller than in May or April, the June daily average was larger than for other months since August last year. There was a loss of one in the number of active furnaces in June, and a decrease of two compared with the number active a year ago. Press reports indicate that no improvement has taken place in market conditions, even with the arrival of the third quarter. Even the larger users are reported to be buying closely. There was a considerable carry-over of contract tonnage, some of which had been on the books since the third and fourth quarters of last year. May production was larger than shipments, and yard stocks increased somewhat. Quotations remain at $\$ 12$ to $\$ 13$ per ton.

Cumulative production for the first half of 1930 for the United States totaled 11,105,373 tons, a decline of 39.2 per cent compared with that period of 1930, and Alabama output during this period totaled $1,036,108$ tons, smaller by 24.6 per cent than during that period of last year. Comparisons for the month are shown below, and index numbers appear on page 8.

June 1931 May 1931 June 1930
United States-

| $1,638,627$ | $1,994,082$ | $2,934,129$ |
| ---: | ---: | ---: |
| 54,621 | 64,325 | 97,804 |
| 91 | 105 | 160 |
| 178,996 | 193,445 | 222,330 |
| 5,967 | 6,240 | 7,411 |
| 12 | 13 | 14 |


*-First of following month.
Naval There was a substantial seasonal increase in reStores ceipts of both turpentine and rosin at the three principal markets of the district in June over preceding months, and June receipts were also greater than in that month last year, when adverse weather conditions caused a small decline from May, contrary to the usual trend. June receipts of turpentine were 12.1 per cent, and of rosin 10.4 per cent greater than in June 1930. Stocks of both commodities increased further in June, and at the close of the month were more than twice as large as a year ago. Press reports indicate that receipts, and consequently stocks also, at Jacksonville and at Savannah are increased by the shipment to those ports of considerable quantities of naval stores which previously had gone to Bronswick, and were not included in these statistics. The increase in stocks is partly due to a falling off in exports. The Naval Stores Review for July 11, however, reports that while there was little activity on the official exchanges, sales of both turpentine and rosin off the exchanges during that week were heavier than in other recent weeks, the demand seemingly having appeared from all sections of the country and in foreign consuming countries. Prices involved in these transactions are reported to have been somewhat lower than those quoted during recent weeks on the official exchanges. Comparisons of receipts and stocks for the month are shown in the table.

|  | June 1931 | May 193 | une 193 |
| :---: | :---: | :---: | :---: |
| Receipts-Turpentine (1) : |  |  |  |
| Savannah. | 26,573 | 17,779 | 24,342 |
| Jacksonville | 19,847 | 14,726 | 16,404 |
| Pensacola | 5,925 | 4,521 | 5,965 |
| Total. | 52,345 | 37,026 | 46,711 |
| Receipts-Rosin (2): |  |  |  |
| Savannah | 90,260 | 57,016 | 78,561 |
| Jacksonville | 64,420 | 50,288 | 52,850 |
| Pensacola | 18,020 | 13,515 | 18,469 |
| Total | 165,500 | 120,819 | 149,880 |
| Stocks-Turpentine (1): |  |  |  |
| Savannah | 39,802 | 24,145 | 9,546 |
| Jacksonville | 39,683 | 23,127 | 13,500 |
| Pensacola | 22,420 | 18,976 | 19,398 |
| Total | 101,905 | 66,248 | 42,344 |
| Stocks-Rosin (2): 1780 , 711 |  |  |  |
| Savannah. | 220,711 | 178,545 | 109,814 |
| Jacksonville | 167,935 | 131,806 | 70,229 |
| Pensacola | 47,834 | 41,197 | 16,814 |
| Total. | 436,480 | 351,548 | 196,857 |
| (1) Barrels of 50 gallo |  |  |  |

## MONTHLY INDEX NUMBERS

The following index numbers, except those of wholesale prices, are computed by the Federal Reserve Bank of Atlanta monthly. The index numbers of retail and wholesale trade are based upon sales figures reported confidentially by representative firms in the lines of trades indicated, and the other series of index numbers are based upon figures reported to the bank or currently available through the daily or trade press. These index numbers, except as indicated in the foot-notes, are based upon the monthly averages for the three year priod 1923-25 as represented by 100.


