MONTHLY REVIEW

Of Financial, Agricultural, Trade and Industrial Conditions in the Sixth Federal Reserve District

FEDERAL RESERVE BANK OF ATLANTA

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NATIONAL SUMMARY OF BUSINESS CONDITIONS

Prepared by the

Board of Governors of the Federal Reserve System

Industrial activity increased seasonally in August, and there was a substantial increase in factory employment and payrolls. Commodity prices, which had advanced for three months, showed little change after the middle of August.

Production and Employment

The Board's index of industrial production, which makes allowance for usual seasonal movements, remained unchanged in August at 107 per cent of the 1923-25 average.

Output of steel increased by more than the seasonal amount and the higher level was maintained in the first three weeks of September. Production of automobiles was sharply reduced as plants were closed for inventory taking and for mechanical changes in connection with the introduction of new models. Output of nondurable manufactures increased further in August, reflecting chiefly continued expansion in activity at textile plants and shoe factories. At bituminous coal mines output increased less than is usual at this season and at anthracite mines production declined. Output of petroleum showed an increase.

Factory employment rose further between the middle of July and the middle of August by an amount larger than is usual at this season. There were substantial increases in working forces at establishments producing textiles and wearing apparel and smaller increases in most other lines, partly offset in the total by a decline in employment in the automobile industry. Factory payrolls increased.

Value of construction contracts, which had increased sharply in July, declined somewhat in August, according to the figures of the F. W. Dodge Corporation. The value of nonresidential projects was smaller than in July but larger than in other recent months. Residential building increased considerably, reflecting a marked increase in contracts for apartments, several of which were publicly financed projects. Awards for single family houses, which have accounted for most of the increase in residential building during the past year and a half, showed little change in August.

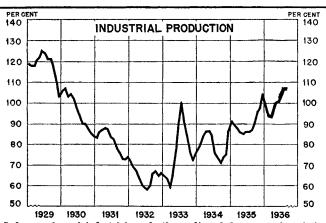
Agriculture Department of Agriculture crop estimates based on September 1 conditions were about the same as the estimates made a month earlier, except for a sharp decline in prospects for cotton. Prospective output of leading crops, with the exception of cotton and winter wheat, is considerably smaller than last year, but, in comparison with the drought year 1934, it is larger, except for corn and potatoes.

Distribution Freight-car loadings of most classes of commodities showed about the usual seasonal increase from July to August. Shipments of grain, however, declined sharply and the increase in total loadings was less than seasonal. Department store sales increased by less than the usual amount and the Board's seasonally adjusted index was 86 per cent of the 1923-25 average as compared with 91 per cent in July and 87 per cent in June.

Commodity
Prices

Wholesale commodity prices showed little change between the middle of August and the third week of September, following three months of advance. Prices of steel scrap and chemicals and drugs continued to advance and there were also increases in the prices of hides and nonferrous metals. There was a seasonal decline in hog prices. Cotton, which advanced in price early this month at the time of the official crop report.

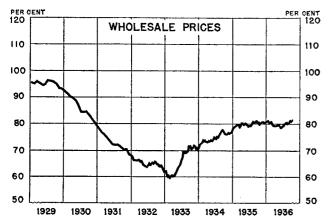
declined after the middle of the month.



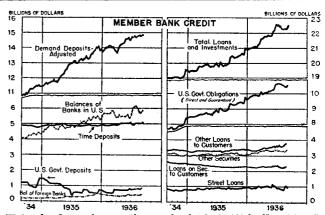
Index number of industrial production, adjusted for seasonal variation. (1923-1925 average = 100.) Latest figure August Preliminary 107.



Index numbers of number employed and payrolls, without adjustment for seasonal variations (1923-1925 average = 100). Latest figure August Employment 88.7; payrolls 81.0.



Indexes of the United States Bureau of Labor Statistics. By months 1929 to 1931; by weeks 1932 to date. (1926 = 100.) Latest figure Sept. 19, 81.4.



Wednesday figures for reporting member banks in 101 leading cities, Sept. 5, 1934, to Sept. 16, 1936. Loans on real estate, loans to banks, and acceptances and commercial paper bought included in total loans and investments but not shown separately.

Bank Demand deposits of reporting member banks in Credit leading cities increased somewhat further in the four weeks ending September 16, reflecting gold imports, Treasury expenditures, and an increase in bank loans. Growth in loans was principally in so-called "Other" loans, which include loans to customers for agricultural, commercial, and industrial purposes. These loans are now at the highest level since early in 1933. Loans to security dealers showed an increase, as is usual, prior to flotation of the new issue of Treasury bonds on September 15. A part of the new Treasury issue was purchased by reporting banks, principally by drawing upon their balances with the Reserve Banks.

Largely as a consequence of payments to the Treasury excess reserves of member banks showed a decrease of \$280,000,000 in the week ending September 16. This decline followed an increase of nearly \$200,000,000 in the preceding three weeks, when the Treasury was reducing its deposits with the Reserve Banks. Since early in August there has been a renewed inflow of gold and the country's monetary gold stock has increased by about \$100,000,000 in the past month.

SIXTH DISTRICT SUMMARY

August statistics for the Sixth Federal Reserve District reveal an increase in the volume of retail trade much larger than usually occurs at that time of year, a further increase in wholesale trade, and increased residential contract awards, coal mining, pig iron production and operations at lumber and cotton seed oil mills, but a decrease in life insurance sales, in total contracts awarded, in building permits and in cotton mill activities. Increases over August, 1935, are, however, shown in all of these series of figures except those for cotton seed oil mills, where operations were at a lower level.

Following a decline from June to July of considerably less than the usual seasonal amount, August sales by 57 reporting retail firms increased over July by 18.9 per cent and were 14.7 per cent greater than in August, 1935. After adjustment for the number of business days, which was smaller by one than a year ago, and the usual seasonal trend, the adjusted index of daily average sales rose from 111.3 per cent of the 1923-1925 average in July to 122.7 per cent in August, the highest level in the series. The cumulated total for the eight months of 1936 is larger by 12.9 per

cent than for the corresponding period last year. Wholesale trade increased 7.3 per cent from July to August, and was 16 per cent greater than a year ago and for the eight months was also 16 per cent greater than in that part of 1935. Life Insurance sales, which had increased in July, contrary to the usual trend, declined from July to August but were slightly larger than in August last year. Debits to individual accounts declined 1 per cent from July, but were 16 per cent greater than a year ago.

Employment statistics compiled by the United States Bureau of Labor Statistics show increases of 1.4 per cent in number of workers, and 0.9 per cent in the amount of a week's payroll, at reporting firms in the Sixth District from June to July, and increases of 12.5 per cent in number of workers, and 20.4 per cent in payrolls, compared with July last year. The value of building permits issued at twenty reporting cities declined 21.3 per cent from the large July total, and in August was 74.3 per cent greater than a year earlier. Total value of construction contracts awarded in the District also declined from the high July level, but was 82.5 per cent greater than in August last year. Residential contracts, however, increased about 18 per cent over those in July and were more than twice as large as a year ago. Operations at cotton mills in the District declined from July, but consumption of cotton was 41.9 per cent greater than in August last year, and production and employment at reporting mills were also larger. Coal mining increased 6.1 per cent in Alabama and 19.8 per cent in Tennessee, over July, and was 30.6 per cent in Alabama and 22.6 per cent in Tennessee, greater than in August, 1935. Pig iron production in Alabama increased 4.2 per cent over July and was 84.9 per cent greater than a year ago.

FINANCE

Total holdings of bills and securities by the

Reserve

Bank Federal Reserve Bank of Atlanta declined by \$69,000 during the four weeks between August 12 and September 9, but were then about 3.6 millions greater than on the corresponding Wednesday of last year. The recent decline was due to a decrease in advances to business and industrial firms for working capital, offset in part by an increase in discounts for member banks. Although still negligible in total, discounts increased further between August 12 and September 9 by \$51,000, but were \$21,000 less than a year ago. Holdings

62,946

FEDERAL RESE (In Tho				ATLANTA	
OH III)	Sej	ot. 9 936	11 5 <i>)</i>	Aug. 12 1936	Sept. 11 1935
Bills Discounted:					
Secured by Govt, Obligations.	\$	30	\$	30	\$
All Others		93		42	144
Total Discounts		123		72	144
Bills Bought in Open Market		108		108	169
Industrial Advances		586		706	1.044
U. S. Securities	98	,356		98,356	94,222
Total Bills and Securities		.173		99,242	95,579
Total Reserves		.032		229.792	162,796
Member Bank Reserve Account		.803		124,240	105.678
U. S. Treasurer—Gen. Account		.341		17,770	948
Total Deposits		.499		147.101	110,447
F. R. Notes in Actual Circulation		.913		174.831	139,909
Commitments to Make Indus-	101	,713		177,001	137,709
trial Advances		308		283	600

of purchased bills did not change in the four weeks ended September 9 but were \$61,000 smaller than at that time last year. Industrial advances declined \$120,000 between August 12 and September 9, to the lowest level since November 7, 1934. Commitments to make industrial advances, however, increased during the last week in August to the highest level since March, but have since declined somewhat, and on September 9 were only about half as large as on that report date a year ago. Holdings of United States securities on September 9 remained at the level which has prevailed since mid-year, and were 4.1 millions greater than at that time last year.

Member banks' reserve account, which had increased by 14.9 millions of dollars between June 10 and August 12, increased further by 21.6 millions between August 12 and September 9, due in part to increased reserve requirements effective August 15, and were on September 9 greater by 40.1 millions of dollars than a year earlier. Government deposits declined 15.4 millions since August 12, and on September 9 were at the lowest level of the year but about 1.4 millions greater than a year ago. Total deposits on September 9 were about 5.4 millions greater than on August 12 and 42.1 millions greater than on the same Wednesday last year. Federal Reserve notes of this bank's issue in actual circulation increased about 7.1 millions from August 12 to September 9, to the highest level in several years, and 42 millions greater than on the corresponding report date a year ago. Total reserves held by the bank continued at a high level and on September 9 were 79.2 millions greater than a year earlier. Principal items in the weekly statement are compared in an accompanying table.

Member Total loans and investments at 22 weekly re-Bank porting member banks in leading cities of the Credit Sixth District increased further between August 12 and September 9 by 10.3 millions of dollars, and were then 85.9 millions greater than on the corresponding report date in 1935. The recent increase was largely due to an increase in loans, while the increase over a year ago was principally because of greater holdings of investment securities. Total loans by these banks on September 9 were 7.6 millions greater than four weeks earlier, and at the highest level since June, 1935. The larger part of this increase was in "Other Loans," which include those for commercial, industrial and agricultural purposes, but all other kinds of loans also increased during this period except loans to banks. Compared with the corresponding report date of last year, "Other Loans" show an increase of 7.2 millions, and total loans an increase of 15.9 millions.

Holdings of investment securities increased about 2.7 millions from August 12 to September 9, and were 70 millions greater than a year earlier. Since August 12, holdings of direct obligations of the Government increased 40 thou-

	Sept. 9 1936	1936	1935
Loans and Investments	\$ 558,491	\$ 548,175	\$ 472,590
Loans—Total	229,508	221,890	213,625
On Securities	60,335	59,501	55,594
To Brokers and Dealers	5,630	5,377	5,640
To Others	54,705	54,124	49,954
Real Estate Loans	24,030	23,523	20,361
Acceptances and Com'l. Paper			
Bought	4,956	4,730	4,340
Loans to Banks	896	1,572	1,214
Other Loans	139,291	132,564	132,116
Investments-Total	328,983	326,285	258,965
U. S. Govt. Direct Obligations	206,774	206,734	158,238
Obligations Guaranteed by	•	·	,
U. S	40,574	39,028	30,929
Other Securities	81,635	80,523	69,798

89,334

10,835 141,892

CONDITION OF 22 MEMBER BANKS IN SELECTED CITIES (In Thousands of Dollars)

10,589 136,701 308,118 177,334 51,544 203,730 306,075 176,728 51,511 Inter-bank deposits: Domestic... Foreign.... 1,193 Borrowings..... sands, guaranteed obligations of the Government 1.5 millions, and "other securities" 1.1 millions. Holdings of "Other Securities" on September 9 were larger than on any

other report date.

Demand deposits-adjusted increased between August 12 and 26 to a new high level, but decreased about 3.4 millions by September 9 when they were about 35.6 millions greater than a year earlier. Time deposits and Government deposits also increased, and on September 9 were 5.6 millions, and 32.7 millions, respectively, greater than a year ago. Balances maintained with correspondent banks were reduced about 5.2 millions from August 12 to September 9, but were 4.7 millions greater than a year ago, but balances held for domestic banks increased about 17.8 millions since August 12, and were 38.2 millions greater than a year ago. An accompanying table compares principal items in the report.

DEBITS TO	IND	IVIDUAL August 1936	ACC	OUNTS* July 1936	 August 1935
Alabama—4 Cities. Birmingham Dothan Mobile Montgomery	\$	115,887 66,639 3,228 27,230 18,790	\$	124,653 71,758 2,259 30,847 19,789	\$ 95,184 57,917 2,865 24,620 19,782
Florida—4 Cities		114,594 57,386 26,572 7,901 22,735		123,912 63,764 29,262 7,963 22,923	99,932 52,604 20,784 6,989 19,555
Georgia—10 Cities Albany Atlanta Augusta Brunswick Columbus Fiberton Macon Newnan Savannah Valdosta		247,207 3,606 159,629 15,622 2,385 12,267 876 13,621 2,191 27,980 9,030		237,327 3,474 152,184 17,389 2,492 11,938 958 13,269 2,363 29,957 3,303	213,994 2,748 136,784 14,684 1,996 9,701 857 11,695 1,599 26,235 7,695
Louisiana-New Orleans		194,326		190,540	166,864
Mississippi—4 Cities		46,873 4,181 28,984 7,801 5,907		42,059 3,997 23,402 8,254 6,406	33,405 3,633 17,711 7,221 4,840
Tennessee—3 Cities		132,816 37,271 24,668 70,877		141,706 38,197 24,731 78,778	125,017 32,918 21,161 70,938
Total—26 Cities	\$	851,703	\$	860,197	\$ 734,396

^{*} Monthly totals are derived from weekly reports by prorating figures for those weeks which do not fall entirely within a single calendar month.

AGRICULTURE

The September estimates by the United States Department of Agriculture indicate improvement over a month earlier in the prospects for some crops, but on the whole there was a decline of about 2 per cent compared with August 1. The September 1st report states that "the continuation of the drought and hot weather through most of August in the Central States and the increased severity of drought conditions in the Southwest caused nearly a 2 per cent decline in crop prospects during the month, but, considering the country as a whole, recent rains appear to have been sufficiently widespread to prevent further deterioration of crops." Prospects for corn increased 1.3 per cent over the month, but the crop is still expected to be the smallest in 55 years, the estimate of grain sorghum production declined 28 per cent from that on August 1 because of extreme drought conditions in parts of the South Central States, and the estimate of cotton production declined about 11 per cent. The report states further "these large decreases in cotton and grain sorghum were only partially offset by an improvement in prospects for nearly all other field crops, particularly those grown in the northern and northeastern states, where late field and garden crops showed substantial recovery with the cooler weather and more liberal rainfall at the end of the month. . . . Potato prospects show considerable improvement over a month ago. . . . August rainfall was of some benefit to other vegetables. . . . Supplies of vegetable crops for manufacture have been generally shorter than usual, and the pack of snap beans, sweet corn, and green peas will fall considerably below the results of 1935. In contrast, the September 1 indications point to a tomato crop for manufacture that is fully as large as that processed last year and considerably above average."

Weather conditions during August were more favorable in most parts of the Sixth District than in the country as a whole, although a shortage of moisture and intense heat in parts of Tennessee reduced prospects for some crops in that State. For the District as a whole, prospects for corn declined over the month but estimates of most other crops increased somewhat. September estimates for cotton, wheat, tobacco, fruits, pecans, and in Louisiana, rice and cane syrup, are larger than 1935 production of these crops. Dis-

	Raw Sugar Aug. 1936	July 1936	Aug. 1935
Receipts	40,196,982	84,840,571	65,189,614
Meltings	57,434,100	81,051,498	94,995,533
Stocks	52,304,544	69,625,513	65,229,337
	Refined Sugar		
Shipments	61,540,729	77,532,153	84,085,621
Stocks	23,255,278	29,188,141	26,972,115
(Rice Mille	ers' Association S August	tatistics)	
	August	tatistics)	
Receipts of Rough Rice:*	August	tatistics)	
		tatistics)	<u>.</u>
Receipts of Rough Rice:* Season 1936-37 Season 1935-36	August 304,407	tatistics)	
Receipts of Rough Rice:* Season 1936–37	August 304,407 271,760	tatistics)	
Receipts of Rough Rice:* Season 1936–37	August 304,407	tatistics)	
Receipts of Rough Rice:* Season 1936-37 Season 1935-36 Distribution of Milled Rice:** Season 1936-37	304,407 271,760 331,475		lled**
Receipts of Rough Rice:* Season 1936-37 Season 1935-36 Distribution of Milled Rice:** Season 1936-37	August 304,407 271,760 331,475 331,462	Mi	lled** ,209

^{*} Barrels of 162 lbs. ** Pockets of 100 lbs.

trict figures for some of the principal crops are compared in the table.

	(000 Omitted) 1936 Estimates		Percent	1935	Percent
	Sept. 1	Aug. 1	Change	Production	Change
Corn, bushels	149,414	149,791	0.3	171.898	-13.1
Wheat, bushels	6,157	6,157	same	5.587	+10.2
Oats, bushels	9,345	9,180	+1.8	10,644	-12.2
Tame Hay, tons	2,209	2,109	+4.7	2,572	-14.1
Tobacco, lbs	153,255	142,668	+7.4	147,469	+ 3.9
White Potatoes, bushels.	9,558	9,533	+0.3	12,042	-20.6

The September estimates of citrus production in Florida remained unchanged, at 17.7 million boxes of oranges and 11.5 million boxes of grapefruit, and the estimate of rice production in Louisiana continued at 17,261,000 bushels. Estimated production of sugar in Louisiana declined 3.3 per cent to 289,000 tons, a decrease of 13.2 per cent compared with 1935 production. Estimates of peanuts in the six states of the District are 17.9 per cent greater than last year's production, because of increases in Alabama and Georgia, but increases in production of pecans in Georgia and Louisiana were more than offset by decreases in Tennessee, Alabama, and Florida.

Cotton The September 1 estimate of cotton production indicates a reduction of 1,360,000 bales from the August estimate. The report states that moderate improvement in conditions in the eastern part of the belt were much more than offset by damage by drought in the western portion, particularly in Oklahoma and Northwest Texas. In the states of this District the September estimates increased over those for August in Alabama and Georgia, but decreased in Louisiana, Mississippi and Tennessee, as indicated in the table.

		stimates	Percent	1935	Percent
	Sept. 1	Aug. l	Change	Production	Change
Alabama	1,093	1,065	+2.6	1.059	+ 3.2
Florida	30	30	same	-31	3.2
Georgia	982	910	+ 7.9	1,059	7.3
Louisiana	656	678	3.2	556	+18.0
Mississippi	1.601	1.710	— 6.4	1,259	+27.2
Tennessee	381	403	-5.5	317	+20.2
Total—Six States.	4,743	4,796	- 1.1	4,281	+10.8
United States	11,121	12,481	-10.9	10,638	+ 4.5

TRADE

Retail After declining from June to July by considerably Trade less than the usual seasonal amount, the volume of trade at 57 reporting retail firms in the Sixth District increased from July to August by a much larger amount than usual at that time. August sales by these 57 firms were 18.9 per cent greater than in July, and 14.7 per cent greater than in August of last year. The number of business days in August this year was smaller by one than a year ago, and after adjustment for the usual seasonal movement, the adjusted index of daily average sales, which had risen each month since April, rose further in August to the highest level in the series. For the eight months of 1936, January through August, sales by these firms have been 12.9 per cent greater than in that part of last year. Stocks of merchandise on hand at the end of August averaged 8.9 per cent greater than a month earlier, and 5.8 per cent larger than at that time in 1935, and the rate of stock turnover was higher in August than in July or in August last year, and was also higher for the eight months

RETAIL TRADE IN THE SIXTH DISTRICT DURING AUGUST 1936 Based on confidential reports from 57 department stores

	COMPAR	ISON OF IN	et overs	COMPARISO	n of Stocks							
	August with	1936 :	Year to date with	August 3 with			S	TOCK TUE	RNOVER	Collect	TON RAT	ro o
	Same month a year ago	Previous Month	Same period last year	Same month a year ago	Previous Month	Auչ 1936	gust 1935	JanAu 1936	g. Incl. 1935	August 1936	July 1936	August 1935
Atlanta (6). Birmingham (5). Chattanooga (4). Jacksonville (3). Miami (3). Montgomery (3). Nashville (4). New Orleans (4). Other Cities (25). DISTRICT (57).	+25.5 - 0.5 +18.7 +27.1 + 7.8 + 6.0 +19.7 + 5.0	+39.5 +17.2 +13.2 - 5.0 + 4.6 + 9.0 +18.5 +20.0 + 7.9 +18.9	+11.1 +26.0 + 3.5 +16.9 +11.9 +11.2 + 8.4 +16.4 + 6.7 +12.9	+11.0 +15.7 +11.2 	+10.9 + 4.4 + 7.5 +10.6 + 9.2 +16.8 +13.0 + 5.7 +12.6 + 8.9	.45 .29 .26 .21 .31 .25 .37 .39 .21	.44 .29 .28 .18 .20 .26 .32 .22	3.02 2.08 2.07 1.68 3.20 2.13 2.71 2.50 1.85 2.41	2.89 2.09 2.19 1.44 2.79 1.90 2.06 1.92 2.19	26. 1 32. 4 28. 4 26. 4 38. 1 29. 0 29. 9	27.1 33.8 29.9 29.5 40.1 32.9 32.1	25.3 31.1 28.0 28.0 37.4 26.6 28.7

NOTE: The rate of stock turnover is the ratio of sales during given period to average stocks on hand. The collection ratio is the percentage of accounts outstanding and due at the beginning of the month which were collected during the month.

period. The collection ratio declined somewhat from July to August, as it usually does, and was slightly higher than a year ago. For installment accounts, the collection ratio for August was 14.4, the same as for July, and for August last year 14.1.

Percentage comparisons in the table are based upon figures reported in actual dollar amounts and make no allowance for changes in price levels. The index numbers on page 8 are based upon reports from a smaller number of firms, whose figures have been reported over a long period of years.

A statement by the United States Department of Commerce indicates that daily average sales of general merchandise in small towns and rural areas of the South declined 14 per cent from June to July, but were 24 per cent greater than in July 1935; for the country as a whole, the decrease from June was 17 per cent, and the increase over July last year was 18 per cent.

Life Sales of life insurance in the six states of this Insurance District declined 8.5 per cent from July to August, and were 1.9 per cent larger than in August, 1935. A decrease from July to August is not unusual, as figures for the last thirteen years show increases at that time in only five instances. For the eight months of 1936, the cumulated total shows a decrease of 6.5 per cent, compared with that part of 1935. For the country as a whole the decrease was 5.3 per cent. Figures compared in the table are from those compiled by the Life Insurance Sales Research Bureau.

		(In Tho August 1936	us	ands of July 1936	Do	llars) August 1935	Jan. 1 t 1936	oAug. 31 1935
Alabama Plorida. Georgia Louisiana Mississippi Tennessee	\$	3,493 4,503 6,241 4,923 2,249 5,157	\$	3,900 5,035 6,687 5,032 2,251 6,124		\$ 3,469 4,420 6,102 4,129 2,015 5,937	\$ 27,007 38,999 48,006 36,879 17,919 41,974	\$ 31,667 37,676 52,925 40,123 17,798 45,333
Total \$ United States	B .	26,566 451,612	\$	29,029 512,738		26,072 456,397	\$ 210,784 3,971,605	\$ 225,522 4,195,384

Wholesale Volume of sales by 79 reporting wholesale firms in the Sixth District increased further in August by 7.3 per cent and was 16.0 per cent greater than in August last year, and the cumulated total for the first eight months of 1936 was also 16 per cent greater than in that part of 1935. The index number of wholesale trade, which is not adjusted for seasonal variations, was higher for August than for any other month since October, 1930. Reported figures for the month are compared in the table, and index numbers appear on page 8.

WHOLESALE TRADE IN SIXTH DISTRICT DURING AUGUST 1936
Based on confidential reports from 79 firms
Percentage Comparisons

			ntage Compar	
	Number		36 with: Jan August 19	
1	of Firms	1936	1935 pe	riod last year
All Lines Combined:				
Sales	79	+7.3	+16.0	+16.0
Stocks	26	+ 1.4	+ 3.6	
Groceries:	18	+ 1.0	+ 5.7	+ 4.0
Sales	3	$\frac{-7}{-9.8}$	$\frac{-12.1}{-12.1}$	-4.8
New Orleans	3	5.4	-4.3	-1.3
Vicksburg	3	+36.6	+41.6	+22.5
Other Cities	ğ	- 4.9	+ 5.7	+ 5.0
Dry Goods:			• •	•
Sales	14	+47.5	+17.3	+10.9
Nashville	3	+45.1	+24.6	+ 6.9
Other Cities	11	+48.1	+15.6	+12.0
Stocks	7	+ 9.7	- 2.8	
Hardware:	0.5	1 7 0	100.5	1.00.0
Sales	25 3	$+7.0 \\ +5.4$	$^{+22.5}_{+8.4}$	$^{+20.2}_{+5.5}$
New Orleans	5	$\begin{array}{c} + & 3.4 \\ + & 0.0 \end{array}$	$^{+0.4}_{+13.7}$	+3.3
Other Cities	17	+11.3	+30.1	+16.8
Stocks	9	- 5.6	- 6.3	110.0
Furniture:		0.0	0.0	
Sales	7	+14.2	+43.1	+35.4
Atlanta	3	+4.9	+44.1	+27.6
Other Cities	4	+16.8	+42.8	+37.3
Stocks	5	+ 5.6	+16.6	
Electrical Supplies:		20. 5	107.0	1.40.0
Sales	3	20.5	+27.3	+48.2
Drugs:	7	- 2.2	+ 4.2	+11.6
Sales Stationery:	,	- 2.2	7 4.2	7-11.0
Sales	3	+ 9.8	+ 2.6	+11.6

	COLLECTION RATIO* August 1936	July 1936	August 1935
Groceries	71.2 35.8 47.5 36.6	78.4 37.1 50.1 43.5	73.6 37.0 38.3 35.5
Total	46.8	49.1	47.3

* The collection ratio is the percentage of accounts and notes receivable outstanding at the beginning of the month which were collected during the month.

INDUSTRIAL

The value of building permits issued at twenty reporting cities in the Sixth District for the construction of buildings within their corporate limits, after reaching in July the largest monthly total in more than seven years, declined 21.3 per cent in August, but was 74.3 per cent greater than in August last year and at the highest level, except for July, since March, 1930. Of these twenty cities, twelve reported gains over July, and seventeen reported totals larger than for August, 1935. For the eight months of the year, January through August, the total value of permits has been \$43,896,928, larger by 73.7 per cent than for the corresponding period last year, and the largest total for that part of any year since 1929. Figures for the month are compared in an accompanying table.

The value of building and construction contracts awarded

BUIL	BUILDING PERMITS-AUGUST					
	Numl			lue	Percentage Change in	
	1936	1935	1936	1935	Value	
Alabama						
Anniston	26	13	\$ 29,556	\$ 13,200	+123.9	
Birmingham	326	310	336,978	248,196		
Mobile	45	56	78,185	65,766		
Montgomery	331	140	122,090	67,549		
Florida						
Jacksonville	616	547	507,660	238,717	+112.7	
Miami	920	539	1,145,161	563,833		
Mıami Beach	131	92	1,290,217	1,079,328		
Orlando	112	95	202,843	77,009		
Tampa	222	146	94,620			
Georgia						
Atlanta	257	264	239,530	260,864	· - 8.2	
Augusta	49	116	54,105	25,745	+110.2	
Columbus	124	143	75,104	79,866		
Macon	263	158	62,919			
Savannah	43	33	49,157	77,420		
Louisiana						
New Orleans	140	104	794.351	185.243	+328.8	
Alexandria	82	43	41,233	12,133	+239.8	
Tennessee						
Chattanooga	458	355	159,241	103,476	+ 53.9	
Johnson City	6	6	10,050	5,375		
Knoxville	123	82	517,630	102,892		
Nashville	208	139	563,347	334,834		
Total—20 Cities	4,482	3,381	\$6,373,977	\$3,656,322	+ 74.3	

in the Sixth District, according to statistics compiled by the F. W. Dodge Corporation and subdivided into district totals by the Division of Research and Statistics of the Board of Governors of the Federal Reserve System, also declined from July to August, but was 82.5 per cent greater than for August last year. For the eight months of 1936, total awards in the District have amounted to \$150,813,917, larger by 61.3 per cent than in that part of 1935, and also larger than in the corresponding period of other recent years. In contrast to the decline from July in total awards, residential contracts increased 17.9 per cent in August, were more than double the amount for August last year, and were at the highest level for any month since May, 1929, and for the eight months the residential total has been \$46,847,432, larger by 67.9 per cent than for that period last year. State totals, shown in the table, show decreases over the month except for Florida, but increases are shown over August last year for Florida, Mississippi and Tennessee, and for the eight month period increases are shown over that part of 1935 except for Georgia.

Press reports indicate a marked improvement in both orders and shipments during August, that this improvement has been well sustained through the first half of September, and that "buying continues active from all sources though principally from retail yards, and some mills report their order files are now the heaviest in six years." Weekly statements of the Southern Pine Association for the six weeks ended September 12 show increases over the corresponding weeks a year ago of 28.1 per cent in orders, 13.6

BUILDING AND CONS	TRUCTION Co		WARDED
(2. W. 20	August 1936		August 1935
Sixth District—Total	\$ 18,304,000	\$ 33,311,800	\$ 10,031,921
	8,516,600	7,226,200	2,801,634
	9,787,400	26,085,600	7,230,287
State Totals: Alabama Florida Georgia Louisiana Mississippi Tennessee	1,219,200	7,029,800	1,547,000
	7,962,500	7,779,400	3,501,500
	2,464,600	3,629,600	2,578,200
	1,790,600	5,403,000	1,817,200
	4,818,200	7,696,700	674,800
	4,066,400	7,923,700	1,166,700

per cent in shipments, 11.9 per cent in production and 4.5 per cent in unfilled orders. For this six weeks' period, orders averaged 11.2 per cent greater than production, while a year ago they were 2.9 per cent smaller.

During August cotton mills in the United States consumed 574,289 bales of cotton, a decrease of 4.8 per cent compared with July consumption but 40.6 per cent greater than that in August last year. In the cotton growing states, August consumption amounted to 480,546 bales, 83.7 per cent of the total, and was 4.7 per cent less than in July but 40.1 per cent greater than a year ago, and in other states August consumption was 93,743 bales, 5.2 per cent smaller than in July but 43.3 per cent larger than in August last year.

Exports of cotton in August amounted to 182,487 bales, a gain of 16.8 per cent over the low July total, but 24.4 per cent less than a year ago. Combined consumption and exports in August were 0.4 per cent less than in July, and 16.5 per cent greater than in August, 1935.

Supplies of cotton held by consuming establishments declined from July to August but were 16 per cent less than a year ago, but with the beginning of the movement of new cotton to market stocks in public storage and at compresses increased 10.5 per cent over July, but were 26.4 per cent smaller than for August last year.

In August, 184,086 more spindles were active than in July, and 1,387,472 more than in August, 1935.

During the cotton year which ended with July, consumption by American mills was 18.4 per cent greater than in the 1934-35 year, and the largest in seven years. Exports for the season exceeded those of the 1934-35 season by 20.9 per cent, but except for that year were the smallest since 1923-24.

Census Bureau figures for the month are compared in the table.

Consumption of cotton in August amounted in Georgia to 111,888 bales, in Alabama 62,077 bales, and in Tennessee 13,954 bales, the combined total being 4.3 per cent less than July consumption but 41.9 per cent greater than in August last year. On a daily average basis, August consumption was 47.4 per cent greater than a year ago. During the cotton year which ended with July, consumption in these states was the largest on record.

Confidential reports from cotton mills in this District show a further increase of 3 per cent in number of workers employed, compared with July, and an increase of 20.4 per cent over August last year. Production declined somewhat at both yarn and cloth mills, but was greater than a year ago. At yarn mills orders increased substantially from July to August and were much greater than a year

COTTON CONSUMPTION, EX	PORTS, STOCE		VE SPINDLES
UNITI		July 1936	Aug. 1935
Cotton Consumed	574,289	603,203	408,325
Stocks	5,088,943	4.822.185	6,543,945
In Consuming Establishments In Public Storage and at	752,219	898,084	648,533
Compresses	4.336,724	3,924,101	5,895,412
Exports	182.487	156,262	241,484
Active Spindles-Number	23,433,658	23,249,572	22,046,186
COTTON GE	ROWING STAT	FES-Bales	
Cotton Consumed	480,546	504,321	324,899
Stocks	4.880,919	4,588,287	6,246,747
In Consuming Establishments In Public Storage and at	580,818	708,131	481,354
Compresses	4,300,101	3.880.156	5.765.393
Active Spindles—Number	17,269,442	17,145,596	16,273,926

ago, but at cloth mills decreases were reported in both instances. Stocks continued smaller than at the same time last year.

August operations at cotton seed oil mills in the Sixth District increased substantially over the seasonally low level of July, and increases are shown in receipts and crushings of seed and in production of cotton seed products. Receipts of seed during August, and stocks of seed at the end of the month, were greater than a year earlier, but crushings were somewhat smaller. Comparisons of production and stocks of cotton seed products are not possible because figures for individual states are not available for August, 1935, but for the country as a whole production was less than a year ago and stocks at mills, except those of seed and crude oil, were also smaller. Census Bureau figures are compared in an accompanying table.

Production of electric power for public use in the six states located wholly or partly in the Sixth District increased 3.9 per cent from June to July, and was 22.8 per cent greater than in July, 1935, and for the seven months of 1936 the total of 4,554,869,000 kilowatt hours is 18.7 per cent greater than in the corresponding period a year earlier. On a daily average basis the increase in July over June was only 0.6 per cent, but the July total and the daily average were higher for these six states than for any other month on record. Because of the effects of dry weather, production by use of water power declined from 65.9 per cent of the total in May to 51.7 per cent in June and 51.6 per cent in July, compared with 65.0 per cent, and 61.5 per cent, respectively, for June and July, 1935. For the seven months, production by water power has accounted for 61.6 per cent of the total, compared with 66.3 per cent during that period last year.

Bituminous coal production during the four weeks ending August 29 averaged 6.1 per cent in Alabama, and 19.8 per cent in Tennessee, greater than during the five week period ending August 1, and 30.6 per cent in Alabama, and 22.8 per cent in Tennessee, greater than in corresponding weeks of last year. For the year 1936, through August 29, Alabama production totaled 7,513,000 tons, and output in Tennessee 3,219,000 tons. These totals are 17.9 per cent, and 9.7 per cent, respectively, larger than for that part of 1935.

According to preliminary figures compiled by the United States Bureau of Mines, August production in the United States totaled 32,818,000 tons, an increase of 2.4 per cent over July and larger by 25.4 per cent than in August last

COTTON SEI	ED AND COT	TON SEEI	PRODUCT	'S 1 States
	August 1936	August 1935	August 1936	August 1935
Cotton Seed—Tons:				
Received at Mills	151,648	124,771	252,834	201,921
Crushed	53,956	83,566	102,451	143,385
On Hand August 31	102,914	86,738	168,145	148,111
Production:				
Crude Oil, lbs	15,806,090		29,786,952	43,122,688
Cake and Meal, tons	23,795		46,774	64,597
Hulls, tons	15.429		27,615	38,273
Linters, bales	12,084		22,109	28,470
Stocks at Mills, Aug. 31				
Crude Oil, lbs	8,063,225		15,289,516	12,157,239
Cake and Meal, tons	23,613		45,561	177,489
Hulls, tons	10,486		24,872	71,037
Linters, bales	15,571		37,100	61,219

^{*} Georgia, Alabama, Louisiana and Mississippi.

year. For the eight months of 1936, total production amounted to 264,969,000 tons, an increase of 11.5 per cent over production during the corresponding period a year ago.

Production of pig iron in the United States, according to Iron Age statistics, increased 4.5 per cent from July to August, when the total was 2,711,721 tons, and was 54 per cent greater than in August last year and at the highest level for any month since June, 1930. The number of furnaces active increased by 2 in August, to 148 on September 1, which compares with 98 active at that time a year ago. During the eight months of 1936, total production has amounted to 18,834,215 tons, which is 44 per cent larger than the total for that part of 1935 and the largest total for the period since 1930.

Alabama production of pig iron amounted in August to 148,083 tons, an increase of 4.2 per cent over July and somewhat larger than in June, but smaller than in other months since November. The August total was, however, 84.9 per cent greater than production in August last year. The total for the first eight months of 1936 was 1,244,351 tons, larger by 58.8 per cent than in that period a year ago and the largest total for the corresponding part of any year since 1931. Ten Alabama furnaces continued active in August, as in the two months preceding, compared with 6 active at the same time a year ago. Press reports state that producers have opened their books for the fourth quarter at the base price of \$15.88 per ton, and that the market is quiet, although shipments have been gradually increasing and were better in August than in July.

Receipts of both turpentine and rosin at the three principal Naval Stores markets of the District declined from July to August, as they usually do, but turpentine receipts were the smallest for August since 1919, and receipts of rosin were the smallest, except for August, 1932, for that month since 1921. Stocks of both commodities increased somewhat over the month, but were smaller than for August of most other recent years. Average of quotations on the thirteen grades of rosin on the Savannah market on September 12 was \$6.22 per 280 pounds, compared with \$6.36 on August 8, a low for the year of \$4.18 on May 9, and \$4.37 on September 14 last year, and the price of turpentine on September 12 was 371/4 cents per gallon, compared with 391/4 cents on August 8, and with 41 cents a year ago. Information in the Naval Stores Review indicates that in connection with the Government's conservation program, 921 producers co-operated by taking down about 14.3 million cups during the months of August, September and October. This is stated to be a reduction of about 111/2 per cent in the total number of cups.

1411	AL STORES Turpen	tine (1)	Rosin (2)		
_	Aug. 1936	Aug. 1935	Aug. 1936	Aug. 1935	
Receipts:		11 170	rn 000	55,282	
Savannah	13,572	14,176	50,888 40,250	52,556	
Jacksonville	8,954	12,747	10,801	13,112	
Pensacola	3,647	4,213	10,601	13,112	
Total	26,173	31,136	101,939	120,950	
Stocks:	27 020	39,031	91,272	129,219	
Savannah	37,029	58.176	62,198	133,181	
Jacksonville	46,635	34,753	34.595	62,139	
Pensacola	30,319	34,733	J x , J9J	02,109	
Total	113,983	131,960	188,065	· 324,539	

⁽¹⁾ Barrels of 50 gallons.

⁽²⁾ Barrels of 500 pounds.

MONTHLY INDEX NUMBERS COMPUTED BY FEDERAL RESERVE BANK OF ATLANTA MONTHLY AVERAGE 1923-1925 = 100

DEPARTMENT STORE TRADE—SIXTH DISTRICT	June 1936	July 1936	Aug. 1936	June 1935	July 1935	Aug. 1935
Daily Average Sales—Unadjusted						<u> </u>
Atlanta (3 firms)	148.7	125.5	184.1	131.0	112.1	157.4
Birmingham (3 firms)	89.1 76.2	77.7 55.4	87.6 62.8	54.8 72.1	48.3 53.1	58.7 60.8
Nashville (4 firms)	76.7	62.9	74.6	72.4	56.8	67.8
New Orleans (4 firms)	87.7	74.6	89.5	69.1	60.6	68.6
DISTRICT (30 firms)	92.3	77.9	95.7	75.3	63.1	76.7
Daily Average Sales—Adjusted*						
Atlanta (3 firms) Birmingham (3 firms)	170.9 95. 8	171.9 106.4	224.5 109.5	150.6	153.6 66.2	192.0 73.4
Chattanooga (4 firms)	68.6	74.9	81.6	58.9 65.0	71.8	79. 0
Nashville (4 firms)	83.4	91.2	89.9	78.7	82.0	81.7
New Orleans (4 firms)	98.5	108.1	114.7	77.6	87.8	87.9
DISTRICT (30 firms)	102.8	111.3	122.7	83.7	90.1	98.3
Monthly Stocks—Unadjusted				1		
Atlanta (3 firms)	90.2 56.5	93.6	103.1	86.6	86.5	94.0
Birmingham (3 firms)	49.3	53.8 48.3	56. 6 51.9	46.7 46.0	41.7 43.9	39.0 46.7
Nashville (3 firms)	46.8	43.1	48.7	59.9	55.8	59.3
New Orleans (4 firms)	50.9	46.0	48.6	54.4	46.8	48.6
DISTRICT (25 firms)	57.9	54.7	59.0	58.2	53.0	56.3
Monthly Stocks—Adjusted*						
Atlanta (3 firms)	94.0 57.1	102.9 56.6	108.5 59.6	90.2 47.2	95.1 43.9	98.9 41.1
Chattanooga (3 firms)	51.4	51.4	53.5	51.1	46.7	48.1
Nashville (3 firms)	48.2	46.3	49.2	61.8	60.0	59.9
New Orleans (4 firms)	54.1 60.9	48.4 59.5	49.6 60.8	57.9 61.3	49.3 57.6	49.6 58.0
WHOLESALE TRADE—SIXTH DISTRICT—TOTAL	66.4	72.4	77.6	52.6	55.0	66.3
Groceries (18 firms)	50.8	56.7	57.2	45.3	47.2	53.7
Dry Goods (14 firms)	49.3	59.6	88.0	37.4	45.5	75.1
Hardware (25 firms)	73.2 80.6	78.1 79.8	83.6 91.1	57.6 48.5	61.1 46.8	68.3 60.8
Stationery (3 firms)	45.3	42.0	46.1	36.8	34.0	44.9
Drugs (7 firms)	81.9	89.4	87.4	71.0	76.7	83.9
LIFE INSURANCE SALES—SIX STATES—TOTAL	66.1	69.1	63.3	65.2	61.5	62.1
AlabamaFlorida	54.3 92.4	57.5 85.1	51.5 76.1	58.7 81.5	49.7 81.8	51.1 74.7
Georgia	64.5	72.9	68.1	67.8	66.4	66.5
Louisiana	77.6	79.4	77.7	78.9	67.2	65.2
Mississippi	59.0	51.5	51.4	52.5 53.8	49.8 53.9	46.1 63.1
Tennessee	55.2	65.1	54.8			
BUILDING PERMITS—TWENTY CITIES—TOTAL	52.2 23.0	72.0 25.3	56.6 15.5	39.4 16.7	40.1 14.2	32.5 16.9
Birmingham	10.5	16.7	22.7	6.8	14.6	16.7
Jacksonville	40.3	36.1	61.7	24.9	43.8	29.0
Nashville	47.3	263.5	88.8	34.7	43.2	52.8
New Orleans	24.5 80.6	51.8 88.0	61.7 71.8	125.7 37.1	15.4 57.6	14.4 43.6
CONTRACT AWARDS—SIXTH DISTRICT—TOTAL	54.0	94.9	52.2	36.2	51.0	28.6
Residential	54.5	51.5	60.7	23.8	28.6	20.0
All Others	53.7	123.8	46.5	44.5	65.9	34.3
WHOLESALE PRICES—UNITED STATES† ALL COMMODITIES	79.2	80.5	81.6	79.8	79.4	80.5
Farm Products	78.1 79.9	81.3 81.4	83.8	78.3	77. 1 82. 1	79.3 84.9
Foods	79.9 78.8	81.4 79.5	83.1 79.7	82.8 78.0	78.0	77.9
Hides and leather products	93.8	93.4	93.6	88.9	89.3	89.6
Textile products	69.7	70.5	70.9	70.1	70.2	70.9
Fuel and lighting	76.1	78.2	76.3	74.2	74.7	74.1 86.6
Metals and metal products	86.2 85.8	88.9 86.7	87.1 86.9	86.9 85.3	86.4 85.2	85.4
Chemicals and drugs	78.0	79.4	79.8	80.7	78.7	78.6
Housefurnishing goods	81.4 69.7	81.2 71.0	81.4 71.5	80.5 68.4	80.4 67.7	80.5 67.3
COTTON CONSUMPTION—UNITED STATES	108.0	117.1	111.5	74.6	78.1	79.3
Cotton-Growing States	137.2	147.3	140.4	91.0	94.3	100.2
All Other States	50.2	57.3	54.3	42.0	39.9	37.9
Georgia	139.2 169.2	151.1 184.4	143.6 180.6	93.1 123.4	98.8 116.3	101.0 123.5
Alabama Tennessee	138.9	153.2	140.2	89.4	108.9	112.8
COTTON EXPORTS—UNITED STATES	56.0	30.4	35.5	67.2	53.9	47.0
PIG IRON PRODUCTION—UNITED STATES	86.6	86.8	90.8	52.0	50.9	59.0
Alabama	63.6	61,2	63.8	43.1	36.5	34.5

[•] Adjusted for Seasonal Variation.