DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
SAM. L. ROGERS, DIRECTOR

BULLETIN 140

COTTON PRODUCTION AND DISTRIBUTION

SEASON OF 1918–19

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LETTER OF TRANSMITTAL.

DEPARTMENT OF COMMERCE,
BUREAU OF THE CENSUS,
Washington, D. C., November 15, 1919.

SIR: I transmit herewith Census Bulletin 140, which is a report on the production of cotton from the crop of 1918, and the consumption, imports, exports, and stocks of cotton and number of cotton spindles for the year ending July 31, 1919, and cotton seed received, crushed, and on hand and cottonseed products manufactured, shipped out, and on hand for the same period. The data were collected and compiled by the Division of Cotton and Tobacco Statistics under the supervision of Mr. William L. Austin, chief statistician for cotton, assisted by Mr. Harvey J. Zimmerman, expert special agent.

The report is presented in several sections: (1) Supply and distribution of cotton in the United States; (2) annual production of cotton and linters in the United States, as returned by ginners and delinters, distributed by states, from 1915 to 1918, inclusive, and by counties from 1916 to 1918, inclusive, with production for previous years; (3) consumption and stocks of cotton and number of cotton spindles in the United States for the year ending July 31, 1919, together with detailed statistics of spindles, cotton consumed, and cotton on hand, including comparative figures for previous years; (4) imports and exports of cotton for the year ending July 31, 1919, with comparative figures for previous years, and imports and exports of cotton goods; (5) world's cotton production and consumption, by countries; and (6) cotton seed received, crushed, and on hand and products manufactured, shipped out, and on hand for the year ending July 31, 1919.

In conformity with the act of Congress approved July 22, 1912, there were published during the season of 1918–19, 10 preliminary reports of cotton ginned to specified dates and 12 reports giving for each month statistics of the quantity of cotton and linters consumed, the quantity on hand in consuming establishments and in public storage and at compresses, the quantity imported, the quantity exported, and the number of active consuming cotton spindles. The statistics of imports show the countries of production, and those of exports the principal countries to which exported. The present report gives the aggregation of the facts included in the preliminary statements and covers, respectively, the twentieth and the fifteenth consecutive years for which statistics of cotton ginned and of cotton consumed and cotton stocks have been collected and published by this bureau. There were also published during the past season 12 preliminary reports of cotton seed received, crushed, and on hand, and of cottonseed products manufactured, shipped out, and on hand, in compliance with the act of Congress approved August 7, 1916.

Respectfully,

SAM. L. ROGERS,
Director of the Census.

Hon. EDWIN F. SWEET,
Acting Secretary of Commerce.

SUPPLY AND DISTRIBUTION OF COTTON IN THE UNITED STATES.

Table 1 summarizes the statistics for the supply and distribution of cotton and of linters in the United States for the 12 months ending July 31, 1918 and 1919. Detailed figures for the various items making up the supply and distribution are presented in the tables appearing elsewhere in this report.

TABLE 1.—SUPPLY AND DISTRIBUTION OF COTTON AND OF LINTERS IN THE UNITED STATES FOR THE 12 MONTHS ENDING JULY 31, 1918 AND 1919.

[Quantities are given in running bales, except that round bales are counted as half bales and foreign cotton in equivalent 500-pound bales.]

	TOTAL (BALES).		COTTON, EXCLUSIVE OF LINTERS (BALES).		LINTERS (BALES).	
	1919	1918	1919	1918	1919	1918
SUPPLY.						
Aggregate	17,098,439	16,076,558	15,695,107	14,330,097	1,403,332	1,746,461
On hand at beginning of year, total	3,890,105	3,173,832	3,450,188	2,720,173	439,917	453,659
In consuming establishments, total	1,603,331	1,614,888	1,465,223	1,501,916	138,108	112,972
In cotton-growing states	640,838	667,160	577,563	609,090	63,275	58,070
In all other states	962,493	947,728	887,660	892,826	74,833	54,902
In public storage and at compresses	1,971,774	1,118,944	1,734,965	888,257	236,809	230,687
Elsewhere (estimated)	315,000	440,000	250,000	330,000	65,000	110,000
Net imports	197,201	217,381	197,201	217,381	(1)	(1)
Ginnings	12,816,716	12,344,664	11,906,480	11,248,242	910,236	1,096,422
To balance distribution	194,417	340,681	141,238	144,301	53,179	196,380
DISTRIBUTION.						
Aggregate	17,098,439	16,076,558	15,695,107	14,330,097	1,403,332	1,746,461
Exported	5,663,920	4,476,124	5,592,386	4,288,420	71,534	187,704
Consumed, total	6,223,837	7,685,329	5,765,936	6,566,489	457,901	1,118,840
In cotton-growing states	3,491,008	4,414,052	3,199,027	3,697,098	291,981	716,954
In all other states	2,732,829	3,271,277	2,566,909	2,869,391	165,920	401,886
Destroyed by fire	55,000	25,000	50,000	25,000	5,000	.....
On hand at end of year, total	5,155,682	3,890,105	4,286,785	3,450,188	868,897	439,917
In consuming establishments, total	1,569,957	1,603,331	1,303,418	1,465,223	266,539	138,108
In cotton-growing states	749,621	640,838	599,151	577,563	150,470	63,275
In all other states	820,336	962,493	704,267	887,660	116,069	74,833
In public storage and at compresses	2,435,725	1,971,774	2,208,367	1,734,965	227,358	236,809
Elsewhere (estimated)	1,150,000	315,000	775,000	250,000	375,000	65,000

[1] Included in statistics of cotton imported.

The supply of cotton in the United States for the year ending July 31, 1919, amounted to 15,695,107 bales and of linters to 1,403,332 bales, making the total supply of cotton and linters combined 17,098,439 bales. This total compares with 16,076,558 bales for 1918 and 18,913,660 bales for 1915, which included the record crop of 1914. The total of the supply for any year is made up principally of the ginnings for that year, and the differences in supply from year to year are measured practically by the differences in the size of the crops produced, variations in stocks brought forward, and in net imports, being too small, as a rule, to affect materially the relative size of the totals.

Of the total supply of cotton for 1919, 5,815,936 bales, or 37.1 per cent, including the quantity destroyed by fire, were consumed in this country; 5,592,386 bales, or 35.6 per cent, were exported; and 4,286,785 bales, or 27.3 per cent, remained in the country at the close of the year. Of the linter supply, 462,901 bales were consumed in this country, 71,534 bales were exported, and 868,897 bales were held in the country at the close of the year. The mill consumption of cotton in the United States in 1919

showed a decided reduction as compared with the two preceding years and was the smallest for any year since 1915. The mill consumption of linters, 457,901 bales, showed a marked falling off due to the cessation of hostilities in Europe in November, 1918. The quantities consumed during the earlier months of the cotton year were very large, but with the signing of the armistice, their use in the manufacture of munitions almost ceased. The consumption of linters for industrial purposes was virtually discontinued during the war, the Government requisitioning practically the entire output of the mills.

Stocks of cotton in the United States at the end of July, 1919, amounted to 4,286,785 bales and of linters to 868,897 bales, a total of 5,155,682 bales. This amount exceeded the quantity held on July 31, 1918, by 1,265,577 bales and was the largest ever carried over at the close of a year. Cotton held in consuming establishments amounted to 1,303,418 bales, which compares with 1,465,223 bales for the preceding year. On the basis of the consumption during the past year, the stocks held in consuming establishments July 31, 1919 represent a supply for the American mills of about 12 weeks.

COMPARATIVE DATA.

Formerly statistics of linters were included with those of cotton in making up the figures for the supply and distribution, and only since September 1, 1913, have data of linters exported been available, thus permitting the presentation of complete statistics of lint cotton separately. Table 2, which gives comparative statistics for the supply and distribution of cotton since the inauguration of these reports by the Bureau of the Census, necessarily combines the data for cotton and linters.

METHOD OF COLLECTING AND ASSEMBLING DATA.

The data relative to cotton ginned have been collected by local agents of the Census Bureau who canvassed the ginners. Information as to cotton and linters consumed, stocks held in consuming establishments, and stocks in public storage and at compresses has been secured by these same local agents in the cotton-growing states; in all other states it has been obtained by correspondence. Stocks at ports, generally known as "port stocks," are included in the census reports as stocks held in consuming establishments, in public storage and at compresses, and elsewhere, respectively. The statistics of imports and exports have been compiled by the Bureau of Foreign and Domestic Commerce, Department of Commerce.

The supply of cotton for the year comprises the stocks held at the beginning of the year, together with the net imports of cotton and the amount of cotton ginned.

The statistics showing the distribution of the supply give the quantity of cotton used in manufacture during the year, the amount destroyed by fire, that exported, and stocks in the country at the close of the year. The total for stocks held is made up of the quantity in consuming establishments, both in the cotton-growing states and in all other states, that held in public storage and at compresses, and the estimated amount held elsewhere.

To secure complete data regarding the stocks, it would be necessary to canvass all agencies which handle cotton and linters. There are approximately 2,000,000 growers, 25,000 ginners, 900 cottonseed-oil mills, 3,200 public storage places, and 2,100 cotton-consuming establishments. In addition, there are numerous transportation companies, local buyers, merchants, and others who handle more or less cotton during the season. It is manifestly impracticable to obtain monthly reports from so many agencies, and the Bureau of the Census has therefore adopted the plan of securing individual reports of the quantity of cotton and linters consumed during each month, and of stocks on hand in consuming establishments and in independent warehouses, compresses, and other public storage places at the end of the month.

TABLE 2.—SUPPLY AND DISTRIBUTION OF COTTON AND LINTERS IN THE UNITED STATES: 1906 TO 1919.

[The statistics for 1915 to 1919 relate to the 12 months ending July 31, and those for prior years to the 12 months ending Aug. 31. Quantities are given in running bales except that round bales are counted as half bales and foreign cotton in equivalent 500-pound bales.]

	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910	1909	1908	1907	1906
SUPPLY.														
Aggregate	17,098,439	16,076,558	16,606,048	16,972,895	18,913,660	16,492,408	16,275,734	17,896,226	13,873,423	12,188,021	15,312,885	13,358,707	15,025,720	13,047,219
On hand at beginning of year, total	3,890,105	3,173,832	3,403,256	4,324,890	1,547,448	1,648,438	1,776,885	1,375,031	1,040,040	1,483,585	1,236,058	1,514,567	1,349,139	1,934,548
In consuming establishments, total	1,603,331	1,614,888	1,732,686	1,600,090	989,980	778,158	870,646	542,191	533,232	907,097	594,184	1,016,738	680,471	776,801
In cotton-growing states	640,838	667,160	718,117	673,731	347,664	234,509	241,611	101,114	121,349	186,458	112,471	311,307	184,060	232,928
In all other states	962,493	947,728	1,014,569	926,359	642,316	543,649	629,035	441,077	411,883	720,639	481,713	705,431	496,411	543,873
In public storage and at compresses	1,971,774	1,118,944	1,220,570	1,874,800	457,468	495,280	556,239	432,840	306,808	325,099	444,626	388,919	668,668	1,157,747
Elsewhere (estimated)	315,000	440,000	450,000	850,000	100,000	375,000	350,000	400,000	200,000	251,389	197,248	108,910		
Net imports	197,201	217,381	288,486	420,995	363,595	265,646	225,460	229,268	231,191	151,395	165,451	140,869	202,733	133,464
Ginnings	12,816,716	12,344,664	12,664,078	12,012,813	16,738,241	14,290,320	14,159,078	16,068,936	12,384,248	10,350,978	13,418,144	11,527,833	13,097,992	10,656,498
To balance distribution	194,417	340,681	250,228	214,197	264,376	288,004	114,311	222,991	217,944	202,063	493,232	175,438	375,856	322,709
DISTRIBUTION.														
Aggregate	17,098,439	16,076,558	16,606,048	16,972,895	18,913,660	16,492,408	16,275,734	17,896,226	13,873,423	12,188,021	15,312,885	13,358,707	15,025,720	13,047,219
Exported	5,663,920	4,476,124	5,739,009	6,191,110	8,544,563	8,914,839	8,800,966	10,681,758	7,781,414	6,339,028	8,574,024	7,573,349	8,503,265	6,763,041
Consumed, total	6,223,837	7,685,329	7,658,207	7,278,529	6,009,207	5,884,733	5,786,330	5,367,583	4,704,978	4,798,953	5,240,719	4,539,090	4,984,936	4,909,279
In cotton growing states	3,491,008	4,414,052	4,335,007	3,977,130	3,193,353	3,023,415	2,960,518	2,712,223	2,328,487	2,292,333	2,553,797	2,187,096	2,410,993	2,373,577
In all other states	2,732,829	3,271,277	3,323,200	3,301,399	2,815,854	2,861,318	2,825,812	2,655,360	2,376,491	2,506,620	2,686,922	2,351,994	2,573,943	2,535,702
Destroyed by fire	55,000	25,000	35,000	100,000	35,000	45,000	40,000	70,000	12,000	10,000	14,557	10,210	22,952	25,760
On hand at end of year, total	5,155,682	3,890,105	3,173,832	3,403,256	4,324,890	1,647,836	1,648,438	1,776,885	1,375,031	1,040,040	1,483,585	1,236,058	1,514,567	1,349,139
In consuming establishments, total	1,569,957	1,603,331	1,614,888	1,732,686	1,600,090	751,219	778,158	870,646	542,191	533,232	907,097	594,184	1,016,738	680,471
In cotton-growing states	749,621	640,838	667,160	718,117	673,731	213,418	234,509	241,611	101,114	121,349	186,458	112,471	311,307	184,060
In all other states	820,336	962,493	947,728	1,014,569	926,359	537,801	543,649	629,035	441,077	411,883	720,639	481,713	705,431	496,411
In public storage and at compresses	2,435,725	1,971,774	1,118,944	1,220,570	1,874,800	576,617	495,280	556,239	432,840	306,808	325,099	444,626	388,919	668,668
Elsewhere (estimated)	1,150,000	315,000	440,000	450,000	850,000	320,000	375,000	350,000	400,000	200,000	251,389	197,248	108,910	

In order to present a comprehensive statement of the distribution of the supply of cotton and linters, however, it is necessary to include the item of stocks held "elsewhere"—that is, the quantity of baled cotton in the actual possession of merchants, buyers, ginners, transportation companies, and producers, mentioned above as not having been canvassed. Full consideration has been given to all the factors entering into the situation in arriving at the quantity so held on July 31, 1919, and the amount has been estimated at 775,000 bales of cotton and 375,000 bales of linters. These amounts, while somewhat conjectural, are believed to be approximately correct.

The supply of cotton for the season of 1918–19, as computed from the stocks at the beginning of the year and the imports and the ginnings during the year, falls short 141,238 bales of the total quantity consumed in manufacture, destroyed by fire, exported and held as stocks at the end of the year, and this amount is accordingly entered in the table under the heading, "To balance distribution."

It is to be expected that the figures for the total supply, as thus compiled, will not equal those for the total distribution, as a number of conditions affect these data. Among the factors responsible for this difference may be named the following: (1) The inclusion of rebaled samples, commonly called "city crop," in the statistics of distribution; (2) the lack of uniformity on the part of manufacturers and others in returning stocks; and (3) an understatement by ginners of the quantity of cotton produced, due largely to their inability to make accurate estimates at the time of the March canvass of the quantity of cotton remaining to be ginned. It is impossible to state with any degree of accuracy how much any one of these factors contributes to the difference. The amount due to each, no doubt, varies in different seasons, but a considerable part of the difference between the figures for supply and those for distribution in any season is certainly attributable to the first-named cause. On its commercial route from the grower to its ultimate American destination, a bale of cotton is "sampled" a number of times—that is, small quantities of the fiber are extracted from the bale by successive bidders for use in determining its grade and value. Those samples, with other cotton from time to time separated from the original packages, are rebaled and such bales are counted in the statistics of exports, consumption, and stocks. Statistics of supply based upon an enumeration of the bales at the ginneries before any samples have been removed show, therefore, a smaller number of bales than the statistics of exports, consumption, and stocks on hand combined, although there is present in each case the same amount of lint cotton. The amount of this rebaled cotton varies in different seasons with the size of the crop and because of other conditions.

The supply of linters as computed also falls short of the distribution by 53,179 bales. This is accounted for in part by the inclusion of bleached linters and possibly bleached hull fiber in the statistics of linters exported. This has resulted in some duplication, since the raw linters bleached have been reported as consumed by the manufacturers engaged in this work. Another factor to be considered is the probable inclusion of motes and sweepings in the data of exports and consumption.

PERIODICAL COTTON REPORTS.

During the season of 1919–20, as heretofore, practically semimonthly reports of cotton ginned will be issued. The dates to which the statistics of these reports will relate and the dates on which they are expected to be published are presented in the following schedule.

GINNING REPORTS TO BE ISSUED DURING THE SEASON OF 1919-20.

REPORT NO.	Date to which report relates (close of business).	Date of publication (10 a. m.).	REPORT NO.	Date to which report relates (close of business).	Date of publication (10 a. m.).
1	Aug. 31	Sept. 8	6	Nov. 30	Dec. 8
2	Sept. 24	Oct. 2	7	Dec. 12	Dec. 20
3	Oct. 17	Oct. 25	8	Dec. 31	Jan. 9
4	Oct. 31	Nov. 8	9	Jan. 15	Jan. 23
5	Nov. 13	Nov. 21	10	Feb. [1] 28	Mar. 20

[1] The time allotted to the canvass is Mar. 1 to Mar. 10 inclusive, and the agents are instructed to report all cotton ginned prior to the time of their visits, together with the ginners' estimates of cotton remaining to be ginned.

The statistics in these reports show conditions at the close of business on the days to which the reports relate. For every report the canvassing agents are given approximately one week in which to visit the ginneries and secure the returns. Summaries showing the number of bales ginned to a specified date are telegraphed to the bureau and on the morning following the last day of the canvass the figures in these summaries are added and the results given to the public at 10 o'clock.

At the time of telegraphing the summaries the agents are required to mail the individual returns of the ginneries which they have collected and used in preparing the summaries. These returns afford a check on the telegraphic summaries, as they are carefully examined and compared with previous reports, corrected by correspondence when inconsistencies are discovered, and finally readded in the bureau. Thus necessary revisions are made in the figures of the published preliminary reports.

There will be monthly reports of cotton and linters consumed, imported, exported, and on hand, and of active consuming cotton spindles. Each of these will relate to a calendar month and will be published about the 14th of the succeeding month.

There will also be monthly reports concerning cotton seed and cottonseed products, These reports will show for the oil mills the quantities of cotton seed received, crushed, and on hand, and the quantities of cottonseed products manufactured, shipped out, and on hand, and for the refineries the quantities of crude oil consumed and on hand, and of refined oil produced and on hand. The reports for each month will be cumulative from August 1 and will be published about the 19th of the succeeding month.

DISTRIBUTION OF REPORTS.

Within a few hours after the information has been made public all preliminary reports are printed on preaddressed cards and mailed to all ginners, manufacturers, warehousemen, and cottonseed-oil manufacturers, and to all other persons who have requested them. The using of preaddressed post cards permits a more rapid distribution than would otherwise be possible. Newspapers are furnished with county totals of cotton ginned, thus providing interesting and valuable information to those most directly concerned. In addition, large cards showing the quantity ginned to each report date are mailed to postmasters, who have been instructed to post them in conspicuous places.

COTTON PRODUCTION IN THE UNITED STATES.

Table 3 is a comparative summary of the production of cotton and linters in the United States from 1899 to 1918, inclusive, as ascertained from the reports of ginners and delinters.

TABLE 3.—COMPARATIVE SUMMARY—COTTON AND LINTER PRODUCTION: CROPS OF 1899 TO 1918.

GROWTH YEAR.	COTTON (EXCLUSIVE OF LINTERS).						LINTERS.	
	Running bales, counting round as half bales.	Equivalent 500-pound bales.	Running bales.				Running bales.	Equivalent 500-pound bales.
			Total.	Upland.		Sea-island.		
				Square.	Round.			
1918	11,906,480	12,040,532	11,983,582	[1]11,777,170	154,204	52,208	910,236	929,516
1917	11,248,242	11,302,375	11,342,780	11,060,085	189,076	92,619	1,096,422	1,125,719
1916	11,363,915	11,449,930	11,460,084	11,150,186	192,339	117,559	1,300,163	1,330,714
1915	11,068,173	11,191,820	11,124,031	10,920,471	111,716	91,844	944,640	931,141
1914	15,905,840	16,134,930	15,934,649	15,795,377	57,618	81,654	832,401	856,900
1913	13,982,811	14,156,486	14,032,792	13,855,267	99,962	77,563	631,153	638,881
1912	13,488,539	13,703,421	13,529,303	13,373,998	81,528	73,777	602,324	609,594
1911	15,553,073	15,692,701	15,603,850	15,383,003	101,554	119,293	556,276	557,575
1910	11,568,334	11,608,616	11,624,777	11,421,522	112,887	90,368	397,628	397,072
1909	10,072,731	10,004,949	10,148,076	9,902,595	150,690	94,791	313,478	310,433
1908	13,086,005	13,241,799	13,207,157	12,870,994	242,305	93,858	346,126	345,507
1907	11,057,822	11,107,179	11,157,096	10,871,652	198,549	86,895	268,060	268,282
1906	12,983,201	13,273,809	13,117,310	12,791,541	268,219	57,550	322,064	321,689
1905	10,495,105	10,575,017	10,635,023	10,242,648	279,836	112,539	230,497	229,539
1904	13,451,337	13,438,012	13,590,412	13,198,944	296,151	104,317	245,973	241,942
1903	9,819,969	9,851,129	10,205,073	9,359,472	770,208	75,393	195,752	194,486
1902	10,588,250	10,630,945	11,078,882	9,992,665	981,264	104,953	196,223	196,223
1901	9,582,520	9,509,745	9,954,945	9,132,215	744,851	77,879	166,026	166,026
1900	10,102,102	10,123,027	10,486,148	9,629,762	768,092	88,294	143,500	143,500
1899	9,393,242	9,345,391	9,645,974	9,043,231	505,464	97,279	114,544	114,544

[1] Includes 36,187 American-Egyptian bales.

The quantity of cotton reported for the crop of 1918, counting round bales as half bales and excluding linters, is 11,906,480 running bales. Expressed in units of 500 pounds gross weight, the crop amounted to 12,040,532 bales. Compared with the crop of 1917 (11,302,375 bales), there was an increase of 738,157 bales, or 6.5 per cent, and with the crop of 1914 (16,134,930 bales), a decrease of 4,094,398 bales, or 25.4 per cent. The crop of 1918 was the fourth consecutive year of low yield, the average for the four years being only 11,496,164 bales. Notwithstanding the reduced production of the last four years, the table indicates a marked increase in the average production. The total production for the earliest six-year period covered by the table was 62,898,249 bales, an average of 10,483,042 bales, as compared with 85,504,070 bales and an average of 12,214,867 bales for the following seven-year period and 89,979,494 bales and an average of 12,854,215 bales for the last seven-year period.

Practically the entire production of cotton in the United States is upland, which includes a number of long-staple varieties. The quantity of sea-island cotton produced from the crop of 1918 was equivalent to 40,900 bales of 500 pounds each, which is about one-third of 1 per cent of the total cotton crop. The variations in the production of sea-island cotton during the 20 years covered by the table range from 52,208 running bales in 1918 to 119,293 bales in 1911.

The cotton-producing area of the United States, as determined by the returns of the ginners, is shown on Map 1, with the exception of the comparatively small areas in Arizona and California. Localities producing upland cotton only are represented on the map by diagonal lines and those producing sea-island, or both sea-island and upland, by intercrossed lines. On pages 128 to 135 will be found maps indicating the

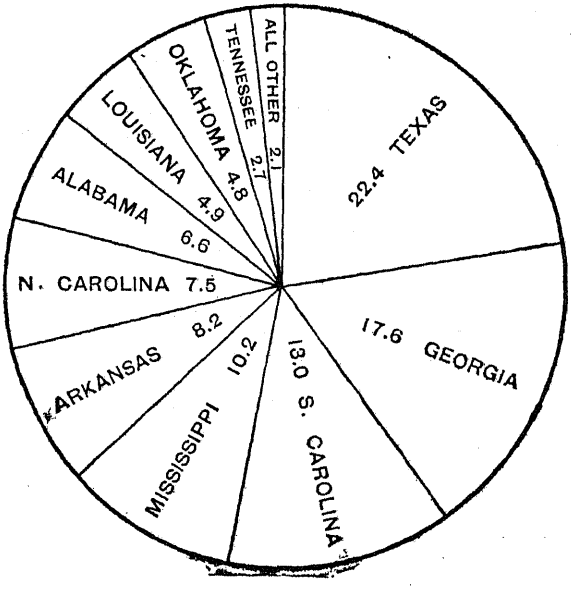
relative importance of the counties in the principal cotton-growing states from the standpoint of the quantities of cotton produced in 1918. The white and black color scheme of these maps reveals at a glance the heavy producing sections of the several states.

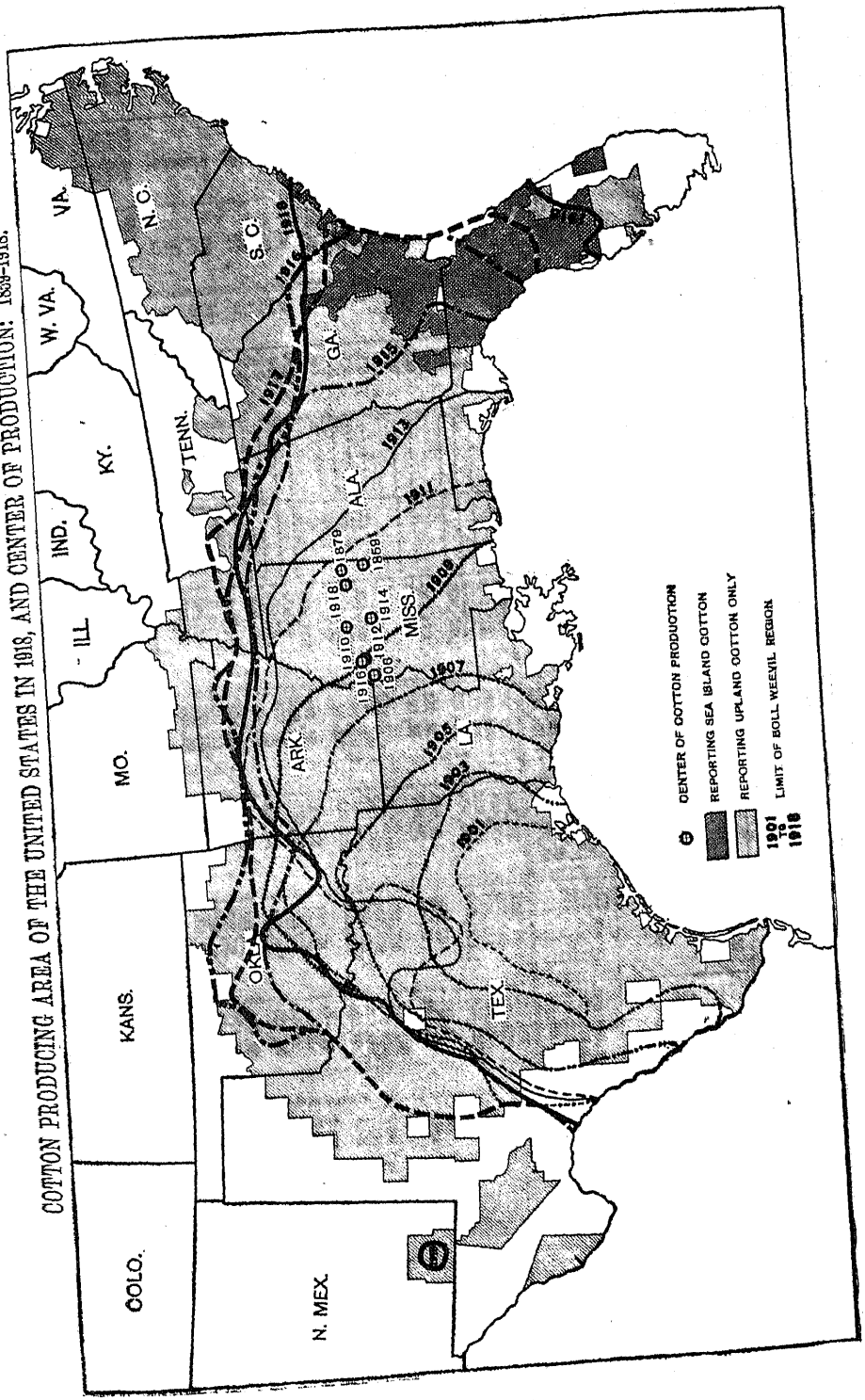
The production of linters prior to the outbreak of hostilities in 1914 had been steadily increasing both in total output and in the average quantity secured per ton of seed treated. The extraordinary demand for this fiber in the manufacture of explosives led to greater activity and more intensive processes in its production to the end that the increase in output has been very pronounced. The quantity produced from the crop of 1899 was only 114,544 bales of 500 pounds each. With but few seasons showing a smaller production than the preceding one the output steadily increased until the record crop of 1914, from the seed of which 856,900 bales of linters were secured. The results of more intensive processes are better appreciated when it is borne in mind that the remarkable outputs of the last four crops were from seed productions scarcely more than two-thirds as large as that of 1914. The production from the crop of 1915 was 931,141 bales, or 8.7 per cent over that of 1914. From the crop of 1916 the output rose to 1,330,714 bales, or 55.3 per cent; from the crop of 1917, to 1,125,719 bales, or 31.4 per cent; and from the crop of 1918, to 929,516 bales, or 8.5 per cent over the production of 1914. Linters have commanded such unprecedented prices because of the great demand for them in the manufacture of explosives that quantities of seed intended for planting purposes have first been passed through the delinting machines. In their regular operations many mills have obtained more than 150 pounds of linters per ton of seed treated, whereas in the earlier history of the industry few obtained as much as 50 pounds. With the cessation of hostilities, there has been a marked improvement in the grade of linters cut, the average per ton of seed being about 75 pounds. Detailed information regarding cotton seed and cottonseed products is presented on pages 85 to 97.

PRODUCTION, BY STATES.

Table 4 shows, by states, the quantity of cotton produced from the crops of 1915 to 1918, inclusive, the percentage of the total crop represented by the crop of each state, the rank of each state, according to the quantity produced, and the production of linters. The production of cotton for earlier years is shown in Tables 15 and 37.

PERCENTAGE OF COTTON GROWN IN EACH STATE: 1919.





COTTON PRODUCING AREA OF THE UNITED STATES IN 1918, AND CENTER OF PRODUCTION: 1868-1918.

TABLE 4.—PRODUCTION, BY STATES, OF UPLAND AND SEA-ISLAND COTTON, WITH PERCENTAGE OF THE TOTAL CROP REPORTED FROM EACH STATE, AND RANK OF EACH STATE IN THE PRODUCTION OF COTTON; ALSO THE PRODUCTION OF LINTERS: 1915 TO 1918.

STATE.	Growth year.	COTTON PRODUCED (EXCLUSIVE OF LINTERS).							Per cent of total ginned.[1]	Rank in production.[1]	LINTERS.		
		Running bales, counting round as half bales.	Equivalent 500-pound bales.		Running bales.						Running bales.	Equivalent 500-pound bales.	
			Gross.	Net.	Total.	Upland.		Sea-island.				Gross.	Net.
						Square.	Round.						
United States	1918	11,906,480	12,040,532	11,520,367	11,983,582	[2] 11,777,170	154,204	52,208	100.0	.....	910,236	929,516	889,466
	1917	11,248,242	11,302,375	10,812,701	11,342,780	11,061,085	189,076	92,619	100.0	.....	1,096,422	1,125,719	1,077,476
	1916	11,363,915	11,449,930	10,955,816	11,460,084	11,150,186	192,339	117,559	100.0	.....	1,300,163	1,330,714	1,273,507
	1915	11,068,173	11,191,820	10,708,812	11,124,031	10,920,471	111,716	91,844	100.0	.....	944,640	931,141	889,577
Alabama	1918	789,265	800,622	765,894	789,265	789,265	.....	.....	6.6	7	51,938	51,412	49,127
	1917	520,906	517,890	494,971	520,906	520,906	.....	.....	4.6	9	51,712	50,177	47,901
	1916	552,679	533,402	509,084	552,679	552,679	.....	.....	4.7	8	68,028	68,250	65,257
	1915	1,025,818	1,020,839	975,702	1,025,818	1,025,818	.....	.....	9.1	4	79,220	76,879	73,393
Arizona	1918	54,215	55,604	53,219	54,215	[2] 54,215	.....	.....	0.5	13	(3)	(3)	(3)
	1917	21,140	21,737	20,807	21,140	21,140	.....	.....	0.1	14	(3)	(3)	(3)
Arkansas	1918	957,118	987,340	945,227	957,118	957,118	.....	.....	8.2	5	56,436	58,596	56,113
	1917	953,587	973,752	931,799	953,742	953,431	311	.....	8.6	4	80,789	83,051	79,496
	1916	1,102,671	1,134,033	1,085,564	1,104,196	1,101,145	3,051	.....	9.9	3	110,110	111,813	106,969
	1915	789,583	816,002	781,314	791,281	787,884	3,397	.....	7.3	6	58,277	58,030	55,466
California	1918	71,479	67,351	64,206	71,479	[2] 71,479	.....	.....	0.6	11	(3)	(3)	(3)
	1917	58,974	57,826	55,231	58,974	58,974	.....	.....	0.5	12	(3)	(3)	(3)
	1916	43,664	43,620	41,699	43,664	43,664	.....	.....	0.4	12	(3)	(3)	(3)
	1915	28,586	28,551	27,293	28,586	28,586	.....	.....	0.2	13	(3)	(3)	(3)
Florida	1918	34,951	29,415	28,371	34,951	14,380	.....	20,571	0.2	14	(3)	(3)	(3)
	1917	48,178	37,858	36,634	48,178	10,851	.....	37,327	0.3	13	(3)	(3)	(3)
	1916	50,979	41,449	40,072	50,979	14,887	.....	36,092	0.4	13	(3)	(3)	(3)
	1915	55,354	47,831	46,070	55,354	27,260	.....	28,094	0.4	12	(3)	(3)	(3)
Georgia	1918	2,117,860	2,122,405	2,029,730	2,117,860	2,096,581	.....	21,279	17.6	2	163,248	164,670	157,487
	1917	1,885,054	1,883,911	1,802,120	1,885,054	1,837,075	.....	47,979	16.7	2	189,169	190,964	182,641
	1916	1,852,104	1,820,939	1,741,317	1,852,104	1,774,123	.....	77,981	15.9	2	222,819	227,757	217,953
	1915	1,937,730	1,908,673	1,824,795	1,937,730	1,880,158	.....	57,572	17.1	2	182,683	178,249	170,211
Louisiana	1918	582,698	587,717	562,078	582,698	582,698	.....	.....	4.9	8	37,336	39,095	37,452
	1917	629,719	638,729	611,052	630,669	628,769	1,900	.....	5.7	7	50,495	51,853	49,631
	1916	441,121	443,182	423,802	442,039	440,203	1,836	.....	3.9	9	54,910	55,264	52,848
	1915	336,813	341,063	326,257	337,244	336,383	861	.....	3.1	9	31,734	31,609	30,212

Mississippi	1918	1,193,122	1,226,051	1,173,554	1,193,122	1,193,122			10.2	4	93,452	97,267	93,155
	1917	886,269	905,554	866,558	886,269	886,269			8.0	6	114,891	122,018	116,963
	1916	800,190	811,794	776,585	800,190	800,190			7.1	6	122,260	124,678	119,299
	1915	925,509	953,965	913,242	925,509	925,509			8.5	5	87,436	88,331	84,484
Missouri	1918	59,797	62,162	59,531	59,797	59,797			0.5	12	(3)	(3)	(3)
	1917	58,937	60,831	58,238	58,937	58,937			0.5	11	(3)	(3)	(3)
	1916	60,466	62,699	60,039	60,466	60,466			0.5	11	(3)	(3)	(3)
	1915	46,644	47,999	45,947	46,644	46,644			0.4	11	5,370	5,261	5,025
North Carolina	1918	919,338	897,761	857,310	919,338	919,338			7.5	6	68,895	69,528	66,497
	1917	656,656	617,989	589,097	656,656	656,656			5.5	8	59,710	60,936	58,300
	1916	693,672	654,603	624,081	693,672	693,672			5.7	7	64,315	65,534	62,704
	1915	737,354	699,494	667,051	737,354	737,354			6.3	7	57,599	55,177	52,643
Oklahoma	1918	585,149	576,886	551,714	603,119	567,179	35,940		4.8	9	49,014	50,684	48,528
	1917	955,342	959,081	918,191	991,117	919,567	71,550		8.5	5	78,591	81,123	77,665
	1916	813,419	823,526	788,594	840,236	786,603	53,633		7.2	5	90,894	95,327	91,328
	1915	622,176	639,626	612,787	638,946	605,405	33,541		5.7	8	54,283	54,131	51,743
South Carolina	1918	1,581,726	1,569,918	1,500,571	1,581,726	1,571,368		10,358	13.0	3	82,040	79,422	75,812
	1917	1,267,135	1,236,871	1,181,292	1,267,135	1,259,822		7,313	10.9	3	85,236	84,995	81,244
	1916	970,702	931,830	889,203	970,702	967,216		3,486	8.1	4	72,732	74,279	71,079
	1915	1,174,213	1,133,919	1,082,402	1,174,213	1,168,035		6,178	10.1	3	70,923	67,785	64,665
Tennessee	1918	317,962	329,697	315,707	317,962	317,962			2.7	10	53,409	55,481	53,131
	1917	238,806	240,525	230,017	238,806	238,806			2.1	10	66,543	71,650	68,722
	1916	378,064	382,422	365,788	378,064	378,064			3.4	10	88,509	93,929	90,035
	1915	296,222	303,420	290,386	296,222	296,222			2.7	10	57,834	57,963	55,418
Texas	1918	2,610,337	2,696,561	2,583,598	2,669,469	2,551,205	118,264		22.4	1	225,884	234,458	224,519
	1917	3,041,726	3,125,378	2,993,387	3,099,384	2,984,069	115,315		27.7	1	287,617	296,981	284,326
	1916	3,562,789	3,725,700	3,571,079	3,629,698	3,495,879	133,819		32.5	1	371,642	380,355	364,003
	1915	3,068,852	3,227,480	3,093,634	3,105,811	3,031,894	73,917		28.8	1	243,491	241,675	230,961
Virginia	1918	25,235	24,885	23,774	25,235	25,235			0.2	15			
	1917	20,155	18,777	17,890	20,155	20,155			0.2	15			
	1916	27,975	27,127	25,896	27,975	27,975			0.2	14			
	1915	16,357	15,809	15,089	16,357	16,357			0.2	14			
All other states [4]	1918	6,228	6,157	5,883	6,228	6,228			0.1	16	28,584	28,903	27,645
	1917	5,658	5,666	5,417	5,658	5,658			0.1	16	31,669	31,971	30,578
	1916	13,420	13,604	13,013	13,420	13,420			0.1		33,944	33,528	32,032
	1915	6,962	7,149	6,843	6,962	6,962			0.1		15,790	16,051	15,356

[1] Based on equivalent 500-pound bales, excluding linters.
[2] Includes 36,187 bales of American-Egyptian, distributed as follows: Arizona, 34,371 bales, and California, 1,816 bales.
[3] Included in "All other states," to avoid disclosure of individual operations.
[4] Includes Arizona, except for 1918 and 1917, Kansas for 1915, Kentucky, and New Mexico, and the linter production of Arizona, California, Florida, Illinois, and Missouri.

A comparison of the crop of 1918, by states, with the crop of 1917 shows increased production in all of the states except Florida, Louisiana, Oklahoma and Texas. The gains in Alabama, Georgia, Mississippi, North Carolina and South Carolina were important and particularly noticeable in Alabama, where the production fell from 1,751,375 bales in 1914 to 517,890 bales in 1917 and increased to 800,622 bales in 1918. South Carolina showed a gain of 333,047 bales, Mississippi 320,497 bales, and North Carolina 279,772 bales. On the other hand, Oklahoma showed a loss of 382,195 bales and Texas 428,817 bales.

The crop in Arizona was more than double that in 1917. The interest manifested in the growing of cotton in that state is due to the suitability of certain portions of it for the production of Egyptian varieties, to the demand for cotton of like characteristics, to the high prices obtained for such cotton, to the success attending experimental efforts in its cultivation, and to the reduced production of sea-island. California shows a further increase, nearly 10,000 bales, and the crop is the largest ever reported for that state. However, the total, 67,351 bales, does not yet constitute a very important portion of the total production of the country and includes some cotton produced in Mexico and ginned on the American side.

"SNAPPED" AND "BOLLY" COTTON.

Machinery for handling frosted cotton bolls which have not opened fully and snapped burrs and cotton has been developed in recent years, and the quantity of such cotton obtained has been increasing. Owing to the high prices prevailing and the early frost in 1917, the quantity of this cotton harvested from that crop was much larger than in previous years. Formerly, almost the entire quantity of bollies was obtained from the western section of the cotton belt. However, during 1917 much of this cotton was also harvested in the states farther east. The bolly crop of 1918 was much smaller than for the preceding year, due mostly to the absence of a nearly killing frost. The following extracts from a statement prepared by the Bureau of Crop Estimates of the Department of Agriculture furnish a brief summary on "snapped" and "bolly" cotton:

Along the northern border line of cotton production there has been produced for a number of years a considerable quantity of cotton that did not open or reach full maturity on account of frost. After a killing frost the bolls of much of this cotton frequently opened or cracked partly open. It was difficult to pick in the ordinary way, because the bolls did not open sufficiently As a result huller attachments or bolly machines were added to nearly all the ginning machinery and this cotton was gathered "bolls and all," carried to the gins, which separated the hulls more or less from the lint, a comparatively low-grade cotton being the result. In the above-named section and also in some of the heavy-producing river bottom lands the advent of cold weather and winter rains, which rotted the stems on the bolls, caused considerable cotton to be snapped at times, the bolls being fully matured and open. The hulls, etc., clinging to the cotton were removed in the ginneries, but considerable trash and particles of the boll frequently passed through and adhered to the lint. Snapping was usually resorted to at the end of the season.

Snapped cotton.—The technical definition of snapped cotton is the product from matured open bolls, gathered in the burr instead of being picked by hand. There are several reasons for cotton being snapped, the chief one being on account of weather conditions weakening the stem to such an extent that the burr separates from the stalk more easily than the lint is released from the burr. There are other local causes for snapping, for example, if labor is extremely high-priced or scarce, the crop such a light yield that laborers cannot be hired to pick the crop by hand, or the approach of cold weather. Snapping cotton can be done more rapidly than picking. It can be carried on in extremely cold weather, the workers wearing gloves, when it would be impossible to pick cotton with the hands unprotected. At the end of the picking season in heavy-producing areas where harvesting is usually delayed, generally the burrs are more or less rotten and the last portion of the crop is frequently snapped instead of being picked.

Where up-to-date ginning machinery for handling snapped cotton is in operation and when the bolls are not rotten it is possible to produce a good grade of cotton of excellent color and staple from the snapped bolls. Cotton handled by these gins is largely free from "shale," or particles of the inner lining of the boll, generally appears as clean, and may sell for as much as the picked product.

On the other hand, it often happens that where the ginning machinery is not of the best type, the bolls rotten, or when care is not taken to pull only the matured bolls, that the ginned product is an inferior article, the lint being of irregular staple and containing particles of the bolls, stems, etc., all through it. This, while really snapped cotton, is often designated bollies, and is generally classed as such by buyers and spinners who discriminate against any cotton of this character.

Bolly cotton.—Technically bolly cotton is produced when the more nearly matured, cracked, and partly open bolls are gathered "bolls and all." These bolls are crushed at the gins by being run through a machine which breaks the bolls to pieces, the cotton being cleaned of the heavier trash by machinery and then ginned. Bollies may show good character, *i. e.*, good body and staple, but this class of cotton is generally off-colored and inferior. When the cotton burrs go through the machine process with the lint, in both snapped and bolly cotton, "shale" adheres to the lint. The amount of shale depends upon the condition of the burr, the character of the ginning machinery and the care exercised in ginning. A certain amount of shale is generally present in all bolly cotton, and buyers frequently class snapped cotton as bollies because of the presence of shale in the lint. Some bolly cotton has been run through thrashing machines on the farm in sections without huller gins, afterwards being hauled to the gins. Some farmers in snapping bollies pull everything, including only partly matured bolls. The result is a very low grade of bollies.

In 1917, because of the late crop and the very early killing frost, there was harvested about 550,000 bales of bolly cotton, the largest crop produced up to this time. Luckily the first killing frost in the fall of 1918 was late, and the crop of bollies was comparatively small. The following is an estimate of the production in 500-pound bales of bolly cotton, by states, for the years of 1917 and 1918:

STATE.	Crop of 1918.	Crop of 1917.
	Bales.	*Bales.*
United States	210,000	550,000
Texas	106,000	250,000
Oklahoma	62,000	170,000
Arkansas	20,000	40,000
Tennessee	6,000	40,000
All other states	16,000	50,000

DEVELOPMENT OF THE 1918 CROP.

The size of the cotton crop is obviously dependent on climatic conditions, and information regarding rainfall, temperature, and frost receives great consideration by those interested in the crop. The following summarization prepared by the Weather Bureau gives the effect of weather conditions on the crop of 1918:

Rainfall was exceptionally light during March in practically all of the cotton-growing districts and the month was considerably warmer than the seasonal average. The soil was in good condition for plowing, except in northern Texas where moisture was insufficient, and this work made good progress. Planting had begun at the close of the month as far north as central Texas, southern Arkansas, and central Georgia at about the normal date; some early seeded cotton was coming up in Florida.

The weather during April was less favorable. Rains early in the month improved the soil condition in many localities, but as the month progressed, cool weather and too much rain retarded germination and growth and interfered with farming operations. Planting was considerably delayed by frequent rains, and at the close of the month warm, dry weather was much needed.

Unfavorable weather continued during the first week in May, being too cool generally and too wet in Texas, but thereafter there was a marked improvement and conditions continued favorable during the remainder of the month. The month as a whole averaged relatively dry and warm, which favored farm work and cultivation; chopping out made good progress in the Gulf states, while in the more northern districts most late planted cotton was up to a good stand at its close.

Generally favorable temperature conditions and well distributed, beneficial showers prevailed during June in nearly all portions of the belt, and cotton continued to make rapid advance. At the end of June the crop was promising and in better than the average condition for the season in all sections.

Beginning with July, however, the lack of moisture unfavorably affected cotton in most districts, especially in the western portion of the area, where a pronounced deterioration in condition resulted. In Oklahoma the weekly rainfalls were contin-

uously deficient from about the middle of June until the latter part of August, except for the week ending July 2, and very little rain fell in Texas during this period of ten weeks. The drought was intensified in these states by persistently high temperatures, and cotton suffered greatly as a result.

In Arkansas and Tennessee severe drought prevailed during July and the first three weeks in August, which resulted in a rather marked deterioration in the condition of cotton in those states also. In much of the more eastern portion of the belt, however, especially in the Carolinas, fairly satisfactory weather prevailed during much of the season and consequently cotton continued in a much better condition than in the west.

The weather during September was generally unfavorable for late growth, but was favorable for picking and ginning and this work advanced more rapidly than usual despite some labor shortage. Rainfall was only light to moderate and it was generally too cool for satisfactory development of a top crop. At the end of September cotton was in very poor condition in practically all sections west of the Mississippi River and somewhat below the average to the eastward. The prevailing high temperatures, mostly ample rainfall, and absence of frost damage during October, however, were favorable for top growth, especially in the central and eastern portions of the belt where considerable late bolls developed, and even in the western portion the top crop came out better than had been expected. The weather continued favorable during November when, under the influence of mild temperature and the absence of serious frost damage, much late cotton matured, especially in the western portion of the belt. At the close of November the crop was mostly harvested, except that in South Carolina considerable remained to be picked.

COTTON INSECT PESTS.

The cotton crop of 1918 was affected less by the boll weevil than for a number of years past. While there was some infestation in new territory in South Carolina, as a result of the very unfavorable weather conditions for the weevil there were 46,000 square miles previously infested by the pest which were cleared of it in 1918. The extreme measures adopted for the prevention of the spread of the pink bollworm are apparently successful. The quarantines established are being continued, with the hope of entirely eradicating this pest. The following statement relative to cotton insect pests in 1918 was prepared by the Bureau of Entomology of the Department of Agriculture:

The boll weevil caused comparatively little damage during the season. The great drought which extended practically throughout the cotton belt prevented the normal abundance of this pest. The reduction in numbers was greatest in Texas and Oklahoma, where the drought was most pronounced. As the result of the very unfavorable conditions for the weevil the insect lost over forty-six thousand square miles in the United States. That is to say, the summer conditions combined with those of the preceding winter resulted in the extermination of the insect to that extent. The territory in which the pest was exterminated consisted for the most part of the belt through western Texas and in Oklahoma and Arkansas. The only advance made by the pest into new territory was in South Carolina, where Aiken, Orangeburg, and Dorchester Counties became invaded for the first time.

The work of the Department of Agriculture against the threatened establishment of the pink bollworm in the United States was conducted during 1918 with apparent success. Through cooperation with the state of Texas three noncotton zones were established; one of these was in central Texas in the vicinity of Hearne; another comprised seven counties in the southeastern part of the state. Both of these zones were established for the reason that infestation by the pink bollworm was found therein during the season of 1917. This resulted from the shipment of Mexican seed. The third non cotton zone was established in the vicinity of Eagle Pass and was due to the close proximity of pink bollworm infestation in Mexico. Very thorough field examinations were made of all volunteer cotton growing in the noncotton zones and all cotton in the vicinity thereof. No trace whatever of infestation by the pink bollworm was discovered. It therefore seems probable that the original infestations in Texas have been stamped out.

Late in the season two additional colonies of the pink bollworm were found in western Texas; one in the so-called Big Bend in Brewster County and the other in the Pecos Valley. Both of these infestations were evidently due to the carriage of infested seed from Mexico. Energetic steps were taken at once and the measures which appeared to have been successful in eradicating the insect in other parts of the state were inaugurated.

This new territory as well as the territory where the former infestations were found will be inspected with utmost care for at least two more seasons before there can be absolute assurance about the outcome of the work.

COTTON REMAINING TO BE GINNED.

The special agents who are regularly employed by the bureau to collect statistics of production, consumption, and stocks of cotton were required at the March, or final canvass of the ginners, to obtain an estimate from each ginner of the number of bales of cotton remaining to be ginned. These amounts, which are included in the total production for the crop year, are shown separately, by states, in Table 5 for the crops of 1914 to 1918, inclusive.

TABLE 5.—ESTIMATED COTTON REMAINING TO BE GINNED AFTER THE MARCH CANVASS, BY STATES: 1914 TO 1918.

STATE.	COTTON TO BE GINNED AFTER THE MARCH CANVASS (RUNNING BALES, COUNTING ROUND AS HALF BALES).				
	Cotton, crop of—				
	1918	1917	1916	1915	1914
United States	177,121	158,493	38,039	39,623	121,528
Alabama	3,315	6,812	951	841	6,543
Arkansas	20,022	27,950	6,366	4,547	7,689
Florida	452	27	4	2	64
Georgia	21,136	20,169	4,179	1,077	13,707
Louisiana	8,960	1,988	108	115	2,414
Mississippi	44,941	21,029	5,177	4,429	17,806
North Carolina	23,446	19,894	7,918	3,101	20,008
Oklahoma	1,895	8,563	307	9,249	10,216
South Carolina	26,513	22,490	4,496	1,509	15,336
Tennessee	4,674	11,777	2,646	1,361	3,660
Texas	15,102	5,990	1,469	11,711	20,699
All other states	6,665	11,804	4,418	1,681	3,386

The quantity of cotton from the crop of 1918, which the ginners stated would be ginned after the date of the March canvass, was 177,121 bales. This is the largest amount returned for any year shown in the table, even exceeding the quantity for the record crop of 1914. The extraordinary prices obtained for cotton and cotton seed resulted in a closer harvesting of low-grade cotton and "bollies," for the 1918 crop.

COTTON GINNED TO SPECIFIED DATES.

The collection of statistics of cotton ginned to specified dates was designed to place in the possession of all concerned reliable data as to the rapidity with which the cotton crop is being harvested and ginned. Statistics compiled by this method have, after a series of years, an incidental but very considerable value by reason of the deductions made possible by a careful comparison of current reports with those of previous years. The collection of data of this character was inaugurated in 1902. Three reports were made for that crop, 6 each for the crops of 1903 and 1904, and 10 for each crop since. Table 6 shows the quantity of cotton ginned to specified dates from the crops of 1902 to 1918, inclusive, and the percentage of the crop ginned to each report date. As it is not practicable before the close of the season to express in equivalent 500-pound bales statistics of the quantity of cotton ginned, the amounts in Table 6 are given in running bales, counting round as half bales and excluding linters, and the total amounts for the season, as thus obtained, are used as the basis for the percentages shown in the table.

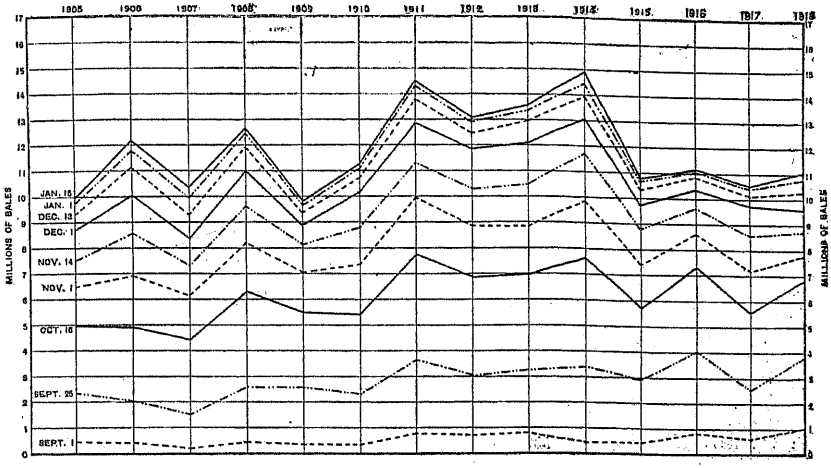
The quantity of cotton ginned from the crop of 1918 prior to September 1, was 1,038,078 bales, or 8.7 per cent of the total. This was by far the largest amount ever ginned to September 1, and is accounted for, at least in part, to the increased acreage in southern Texas where the harvesting is early and to the premature opening of cotton superinduced by the excessive hot weather during August. Nearly one-third of the total crop was ginned prior to September 25, nearly three-fifths prior to October 18, while nearly three-fourths had been ginned by November 14.

TABLE 6.—COTTON GINNED TO SPECIFIED DATES AND THROUGHOUT THE SEASON, AND PER CENT OF TOTAL GINNED TO EACH DATE: 1902 TO 1918.

[Quantities are given in running bales, except that round bales are counted as half bales. Linters are not included.]

GROWTH YEAR.	COTTON GINNED TO—									Total. ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
	QUANTITY (BALES).									
1918	1,038,078	3,770,611	6,811,351	7,777,159	8,706,420	9,571,414	10,081,139	10,773,863	11,048,652	11,906,480
1917	614,787	2,511,658	5,573,606	7,185,178	8,571,115	9,713,529	10,131,594	10,434,852	10,570,733	11,248,242
1916	850,668	4,081,989	7,303,183	8,623,893	9,615,003	10,352,031	10,838,799	11,039,491	11,137,712	11,363,915
1915	463,883	2,903,829	5,708,730	7,378,886	8,771,275	9,703,612	10,306,309	10,636,778	10,751,990	11,068,173
1914	480,317	3,393,752	7,619,747	9,826,912	11,668,240	13,073,386	13,972,229	14,443,146	14,915,850	15,905,840
1913	799,099	3,246,655	6,973,518	8,830,396	10,444,529	12,088,412	12,927,428	13,347,721	13,582,036	13,982,811
1912	730,884	3,007,271	6,874,206	8,869,222	10,299,646	11,854,541	12,439,036	12,907,405	13,088,930	13,488,539
1911	771,297	3,676,594	7,758,621	9,970,905	11,313,236	12,816,807	13,770,727	14,317,002	14,515,799	15,553,073
1910	353,011	2,312,074	5,423,628	7,345,953	8,780,433	10,139,712	10,695,443	11,084,515	11,253,147	11,568,334
1909	388,242	2,568,150	5,530,967	7,017,849	8,112,199	8,876,886	9,358,085	9,647,327	9,787,592	10,072,731
1908	402,229	2,590,639	6,296,166	8,191,557	9,595,809	11,008,661	11,904,269	12,465,298	12,666,203	13,086,005
1907	200,278	1,532,602	4,420,258	6,128,562	7,300,665	8,343,396	9,284,070	9,951,505	10,339,551	11,057,822
1906	407,551	2,057,283	4,931,621	6,906,395	8,562,242	10,027,868	11,112,789	11,741,039	12,176,199	12,983,201
1905	476,655	2,355,716	4,990,566	6,457,595	7,501,180	8,689,663	9,297,819	9,725,426	9,989,634	10,495,105
1904	374,821	.....	6,417,894	.....	9,786,646	.....	11,971,477	.....	12,767,600	13,451,337
1903	17,302	.....	3,706,248	.....	6,815,162	.....	8,526,244	.....	9,485,537	9,819,969
1902	.....	.....	5,683,006	.....	.....	.....	8,905,505	.....	.....	10,588,250
	PER CENT OF TOTAL.									
1918	8.7	31.7	57.2	65.3	73.1	80.4	86.3	90.5	92.8	100.0
1917	5.5	22.3	49.6	63.9	76.2	86.4	90.1	92.8	94.0	100.0
1916	7.5	35.9	64.3	75.9	84.6	91.1	95.4	97.1	98.0	100.0
1915	4.2	26.2	51.6	66.7	79.2	87.7	93.1	96.1	97.1	100.0
1914	3.0	21.3	47.9	61.8	73.4	82.2	87.8	90.8	93.8	100.0
1913	5.7	23.2	49.9	63.2	74.7	86.5	92.5	95.5	97.1	100.0
1912	5.4	22.3	51.0	65.8	76.4	87.9	92.2	95.7	97.0	100.0
1911	5.0	23.6	49.9	64.1	72.7	82.4	88.5	92.1	93.3	100.0
1910	3.1	20.0	46.9	63.5	75.9	87.7	92.5	95.8	97 3	100.0
1909	3.9	25.5	54.9	69.7	80.5	88.1	92.9	95.8	97.2	100.0
1908	3.1	19.8	48.1	62.6	73.3	84.1	91.0	95.3	96.8	100.0
1907	1.8	13.9	40.0	55.4	66.0	75.5	84.0	90.0	93.5	100.0
1906	3.1	15.8	38.0	53.2	65.9	77.2	85.6	90.4	93.8	100.0
1905	4.5	22.4	47.6	61.5	71.5	82.8	88.6	92.7	95.2	100.0
1904	2.8	.....	47.7	.....	72.8	.....	89.0	.....	94.9	100.0
1903	0.2	.....	37.7	.....	69.4	.....	86.8	.....	96.6	100.0
1902	.....	.....	53.7	.....	.....	.....	84.1	.....	.....	.....

DIAGRAM 1.—GINNINGS TO SPECIFIED DATES: 1905 TO 1918.



Data as to sea-island cotton ginned to specified dates are presented in Table 13 (p. 35), and similar data as to cotton put up in round bales are given in the following tabular statement for the crops of 1911 to 1918:

NUMBER OF ROUND BALES INCLUDED IN REPORTS OF COTTON GINNED TO SPECIFIED DATES: 1911 TO 1918.

DATE.	ROUND BALES GINNED TO SPECIFIED DATES: CROP OF—							
	1918	1917	1916	1915	1914	1913	1912	1911
Sept. 1	53,178	23,716	31,335	8,947	356	7,610	7,434	7,709
Sept. 25	88,250	60,510	84,855	32,412	3,394	26,983	19,574	27,918
Oct. 18	111,605	108,298	136,880	54,783	15,235	49,030	41,745	53,858
Nov. 1	120,181	132,907	154,141	68,577	23,182	61,577	54,539	68,313
Nov. 14	127,034	157,719	168,575	82,312	31,904	74,167	62,768	75,963
Dec. 1	132,662	175,672	177,662	93,361	39,682	86,878	73,030	87,996
Dec. 13	139,984	179,966	184,285	100,925	42,796	91,686	75,772	92,790
Jan. 1	145,618	184,104	188,052	105,785	44,904	94,265	77,999	96,227
Jan. 16	149,887	186,014	189,004	106,908	50,942	96,807	78,690	97,654
Total	154,204	189,076	192,339	111,716	57,618	99,962	81,528	101,554

Ginnings to specified dates, by states and counties.—The quantity of cotton ginned to given dates from the crops of 1915 to 1918, inclusive, and the percentage of the crop ginned to each of the report dates are shown, by states, in Tables 7 and 8. Considerable differences exist among the several states in the proportion of the total amount ginned to the specified dates. For instance in 1918 more than four-fifths of the total crop of Texas had been ginned by November 1, while Tennessee showed less than half.

The quantity of cotton from the crop of 1918 ginned to each of the report dates is given, by counties, in Table 54 (pp. 115 to 127). This table permits a close study of the rapidity with which cotton is ginned in various localities and enables the making of analyses which are both interesting and valuable. An examination of the table shows that in a number of counties in southern Texas a large part of the crop is harvested and ginned prior to September 1 and that by September 25 about 75 per cent of the crop is ginned, a few of the counties in the extreme southern part practically completing the cotton harvest by November 1.

TABLE 7.—COTTON GINNED TO SPECIFIED DATES AND THROUGHOUT THE SEASON, BY STATES: 1915 TO 1918.

[Quantities are given in running bales, except that round bales are counted as half bales. Linters are not included.]

STATE.	Growth year.	COTTON GINNED TO—									Total ginned.
		Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
United States	1918	1,038,078	3,770,611	6,811,351	7,777,159	8,706,420	9,571,414	10,281,139	10,773,863	11,048,652	11,906,480
	1917	614 787	2,511,638	5,573,606	7,185,178	8,571,115	9,713,529	10,131,594	10,434,852	10,570,733	11,248,242
	1916	850,668	4,081,989	7,303,183	8,623,893	9,615,003	10,352,031	10,838,799	11,039,491	11,137,712	11,363,915
	1915	463,883	2,903,829	5,708,730	7,378,886	8,771,275	9,703,612	10,306,309	10,636,778	10,751,990	11,068,173
Alabama	1918	35,481	259,676	492,047	554,022	621,543	682,534	726,327	750,985	763,470	789,265
	1917	18,570	96,936	225,668	305,299	378,677	442,988	464,693	482,695	488,284	520,906
	1916	22,375	137,478	292,808	379,745	451,507	504,998	531,885	540,661	544,023	552,679
	1915	38,925	310,756	556,086	726,949	854,907	939,959	987,899	1,007,130	1,012,802	1,025,818
Arizona	1918	.....	1,204	6,082	9,565	13,226	18,845	23,011	29,519	35,713	54,215
	1917	.....	35	1,421	4,564	5,873	9,430	11,438	14,651	16,413	21,140
Arkansas	1918	8,819	198,679	448,544	532,384	631,088	721,431	801,373	849,150	869,634	957,118
	1917	134	47,065	347,149	505,399	664,096	789,471	827,573	858,321	868,109	953,587
	1916	15,650	300,984	673,366	814,290	926,985	999,654	1,044,651	1,060,569	1,068,966	1,102,671
	1915	270	60,960	283,423	445,115	573,528	655,145	722,184	753,180	762,487	789,583
California	1918	1,074	4,571	10,241	18,404	24,973	32,276	37,792	46,757	55,440	71,479
	1917	103	1,525	6,119	11,704	17,394	25,225	30,453	37,265	41,670	58,974
	1916	443	2,989	6,852	11,283	14,707	19,868	23,671	28,237	31,725	43,664
	1915	99	1,710	4,272	6,868	9,945	13,699	16,551	20,383	23,545	28,586
Florida	1918	1,347	6,658	12,148	15,964	19,169	21,465	24,151	26,688	28,956	34,951
	1917	3,087	13,767	27,492	34,225	39,906	43,423	45,268	46,408	47,167	48,178
	1916	2,881	16,368	32,167	38,965	43,749	46,989	49,349	50,254	50,632	50,979
	1915	4,701	19,020	32,165	40,389	46,553	50,270	53,405	54,687	55,025	55,354
Georgia	1918	117,515	626,527	1,278,896	1,469,773	1,626,542	1,765,950	1,873,552	1,952,787	1,994,038	2,117,860
	1917	146,630	582,118	1,044,480	1,295,218	1,480,631	1,643,930	1,719,653	1,768,315	1,781,738	1,885,054
	1916	212,787	746,607	1,217,903	1,435,524	1,581,897	1,692,049	1,780,310	1,810,934	1,825,410	1,852,104
	1915	133,408	715,512	1,178,045	1,428,250	1,636,919	1,768,270	1,861,362	1,906,771	1,918,836	1,937,730
Louisiana	1918	32,682	176,862	320,150	360,402	420,617	461,130	497,786	524,341	540,373	582,698
	1917	15,657	153,822	352,121	432,258	495,076	559,021	580,094	600,349	607,934	629,719
	1916	29,762	178,634	319,698	365,316	394,646	418,795	431,664	435,437	436,377	441,121
	1915	5,858	114,361	223,063	271,398	299,866	319,756	329,078	332,428	333,814	336,813
Mississippi	1918	33,911	289,906	591,657	689,343	788,680	893,757	987,332	1,049,859	1,070,669	1,193,122
	1917	5,832	114,261	375,106	500,333	620,100	728,859	773,824	809,099	818,016	886,269
	1916	10,260	197,395	448,504	562,810	651,488	723,426	761,682	775,452	780,442	800,190
	1915	4,619	179,748	421,663	584,893	708,387	801,133	862,201	888,813	897,122	925,509

Missouri	1918	13	4,484	19,967	25,282	33,522	40,677	47,039	51,045	53,049	59,797
	1917	.....	225	10,608	19,774	30,187	38,533	41,414	44,749	46,146	58,937
	1916	.....	8,999	29,426	40,025	47,075	51,080	54,273	55,727	57,040	60,466
	1915	.....	1,293	11,829	22,175	32,345	37,514	41,474	43,465	44,022	46,644
North Carolina	1918	1,851	78,709	297,910	415,343	527,435	648,921	717,405	768,948	810,486	919,338
	1917	72	27,827	151,160	278,013	378,214	482,521	521,589	543,782	561,356	656,656
	1916	289	49,136	251,764	381,237	479,243	567,009	619,079	642,816	658,057	693,672
	1915	354	82,931	264,935	408,198	523,982	612,703	666,926	695,978	709,485	737,354
Oklahoma	1918	19,212	155,601	349,946	389,905	435,144	474,747	520,401	541,750	552,933	585,149
	1917	91	47,962	341,804	529,226	700,636	817,795	857,561	888,117	909,142	955,342
	1916	7,852	219,157	490,608	593,236	681,873	741,358	782,095	798,761	806,443	813,419
	1915	8	2,136	66,255	171,584	329,845	445,316	513,251	561,950	573,324	622,176
South Carolina	1918	34,186	351,926	794,729	974,036	1,102,771	1,241,656	1,328,925	1,395,765	1,440,956	1,581,726
	1917	17,891	234,504	582,361	784,078	923,175	1,055,676	1,110,327	1,145,620	1,162,121	1,267,135
	1916	26,782	259,543	508,635	639,846	740,694	832,060	893,896	922,152	936,673	970,702
	1915	4,305	258,947	581,667	771,074	921,528	1,021,843	1,098,283	1,133,596	1,149,187	1,174,213
Tennessee	1918	224	45,185	130,922	152,129	190,734	223,944	256,554	282,045	290,663	317,962
	1917	.....	85	39,596	82,148	126,395	170,009	187,482	200,427	203,324	238,806
	1916	120	55,517	171,968	228,463	276,598	318,466	348,329	357,029	362,789	378,064
	1915	2	9,143	79,353	146,886	204,597	238,821	265,021	281,879	286 503	296,222
Texas	1918	751,763	1,570,222	2,054,250	2,162,292	2,258,349	2,325,701	2,417,375	2,479,472	2,516,322	2,610,337
	1917	406,720	1,191,525	2,066,004	2,396,826	2,698,838	2,889,697	2,941,007	2,975,001	2,998,681	3,041,726
	1916	521,467	1,907,183	2,845,705	3,112,859	3,298,186	3,405,182	3,482,509	3,523,905	3,540,757	3,562,789
	1915	271,328	1,146,953	2,001,416	2,344,486	2,614,057	2,781,283	2,868,663	2,935,697	2,964,135	3,068,852
Virginia	1918	.....	28	2,659	6,391	10,468	15,112	18,297	20,171	21,180	25,235
	1917	.....	1	1,368	4,210	9,081	13,638	15,690	16,265	16,664	20,155
	1916	.....	1,106	10,123	15,311	19,973	23,221	25,333	26,192	26,601	27,975
	1915	.....	260	3,950	8,110	11,167	13,126	14,666	15,079	15,253	16,357
All other states[1]	1918	.....	373	1,203	1,924	2,159	3,268	3,819	4,531	4,770	6,228
	1917	.....	.....	1,149	1,903	2,836	3,313	3,533	3,788	3,968	5,658
	1916	.....	893	3,656	4,983	6,382	7,876	10,073	11,365	11,777	13,420
	1915	6	99	608	2,511	3,649	4,774	5,345	5,742	6,450	6,962

[1] Includes Arizona, except for 1918 and 1917, Kansas for 1915, Kentucky, and New Mexico.

TABLE 8.—PER CENT OF THE TOTAL COTTON GINNED TO SPECIFIED DATES, BY STATES: 1915 TO 1918.

[Based on figures given in Table 7.]

STATE.	Growth year.	PER CENT OF TOTAL COTTON GINNED TO—								
		Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.
United States	1918	8.7	31.7	57.2	65.3	73.1	80.4	86.3	90.5	92.8
	1917	5.5	22.3	49.6	63.9	76.2	86.4	90.1	92.8	94.0
	1916	7.5	35.9	64.3	75.9	84.6	91.1	95.4	97.1	98.0
	1915	4.2	26.2	51.6	66.7	79.2	87.7	93.1	96.1	97.1
Alabama	1918	4.5	32.9	62.3	70.2	78.7	86.5	92.0	95.1	96.7
	1917	3.6	18.6	43.3	58.6	72.7	85.0	89.2	92.7	93.7
	1916	4.0	24.9	53.0	68.7	81.7	91.4	96.2	97.8	98.4
	1915	3.8	30.3	54.2	70.9	83.3	91.6	96.3	98.2	98.7
Arizona	1918	.....	2.2	11.2	17.6	24.4	34.8	42.4	54.4	65.9
	1917	.....	0.2	6.7	21.6	27.8	44.6	54.1	69.3	77.6
Arkansas	1918	0.9	20.8	46.9	55.6	65.9	75.4	83.7	88.7	90.9
	1917	(1)	4.9	36.4	53.0	69.6	82.8	86.8	90.0	91.0
	1916	1.4	27.3	61.1	73.8	84.1	90.7	94.7	96.2	96.9
	1915	(1)	7.7	35.9	56.4	72.6	83.0	91.5	95.4	96.6
California	1918	1.5	6.4	14.3	25.7	34.9	45.2	52.9	65.4	77.6
	1917	0.2	2.6	10.4	19.8	29.5	42.8	51.6	63.2	70.7
	1916	1.0	6.8	15.7	25.8	33.7	45.5	54.2	64.7	72.7
	1915	(1)	6.0	14.9	24.0	34.8	47.9	57.9	71.3	82.4
Florida	1918	3.9	19.0	34.8	45.7	54.8	61.4	69.1	76.4	82.8
	1917	6.4	28.6	57.1	71.0	82.8	90.1	94.0	96.3	97.9
	1916	5.7	32.1	63.1	76.4	85.8	92.2	96.8	98.6	99.3
	1915	8.5	34.4	58.1	73.0	84.1	90.8	96.6	98.8	99.4
Georgia	1918	5.5	29.6	60.4	69.4	76.8	83.4	88.5	92.2	94.2
	1917	7.8	30.9	55.4	86.7	78.5	87.2	91.2	93.8	94.5
	1916	11.5	40.3	65.8	77.5	85.4	91.4	96.1	97.8	98.6
	1915	6.9	36.9	60.8	73.7	84.5	91.3	96.1	98.4	99.0
Louisiana	1918	5.6	30.4	54.9	61.9	72.2	79.1	85.4	90.0	92.7
	1917	2.5	24.4	55.9	68.6	78.6	88.8	92.1	95.3	96.5
	1916	6.7	40.5	72.5	82.8	89.5	94.9	97.9	98.7	98.9
	1915	1.7	34.0	66.2	80.6	89.0	94.9	97.7	98.7	99.1
Mississippi	1918	2.8	24.3	49.6	57.8	66.1	74.9	82.8	88.0	89.7
	1917	0.7	12.9	42.3	56.5	70.0	82.2	87.3	91.3	92.3
	1016	1.3	24.7	56.0	70.3	81.4	90.4	95.2	96.9	97.5
	1915	0.5	19.4	45.6	63.2	76.5	86.6	93.2	96.0	96.9
Missouri	1918	(1)	7.5	33.4	42.3	56.1	68.0	78.7	85.4	88.7
	1917	.....	0.4	18.0	33.6	51.2	65.4	70.3	75.9	78.3
	1916	.....	14.9	48.7	66.2	77.9	84.5	89.8	92.2	94.3
	1915	.....	2.8	25.4	47.5	69.3	80.4	88.9	93.2	94.4
North Carolina	1918	0.2	8.6	32.4	45.2	57.4	70.6	78.0	83.6	88.2
	1917	(1)	4.2	23.0	42.3	57.6	73.5	79.4	82.8	85.3
	1916	(1)	7.1	36.3	55.0	69.1	81.7	89.2	92.7	94.9
	1915	(1)	11.2	35.9	55.4	71.1	83.1	90.4	94.4	96.2
Oklahoma	1918	3.3	26.6	59.8	66.6	74.4	81.1	88.9	92.6	94.5
	1917	(1)	5.0	35.8	55.4	73.3	85.6	89.8	93.0	95.2
	1916	1.0	26.9	60.3	72.9	83.8	91.1	96.1	98.2	99.1
	1915	(1)	0.3	10.6	27.6	53.0	71.6	82.5	90.3	92.1
South Carolina	1918	2.2	22.2	50.2	61.6	69.7	78.5	84.0	88.2	91.1
	1917	1.4	18.5	46.0	61.9	72.9	83.3	87.6	90.4	91.7
	1916	2.8	26.7	52.4	65.9	76.3	85.7	92.1	95.0	96.5
	1915	0.4	22.1	49.5	65.7	78.5	87.0	93.5	96.5	97.9
Tennessee	1918	(1)	14.2	41.2	47.8	60.0	70.4	80.7	88.7	91.4
	1917	.....	(1)	16.6	34.4	52.9	71.2	78.5	83.9	85.1
	1916	(1)	14.7	45.5	60.4	73.2	84.2	92.1	94.4	96.0
	1915	(1)	3.1	26.8	49.6	69.1	80.6	89.5	95.2	96.7
Texas	1918	28.8	60.2	78.7	82.8	86.5	89.1	92.6	95.0	96.4
	1917	13.4	39.2	67.9	78.8	88.7	95.0	96.7	97.8	98.6
	1916	14.6	53.5	79.9	87.4	92.6	95.6	97.7	98.9	99.4
	1915	8.8	37.4	65.2	76.4	85.2	90.6	93.5	95.7	96.6
Virginia	1918	.....	0.1	10.5	25.3	41.5	59.9	72.5	79.9	83.9
	1917	.....	(1)	6.8	20.9	45.1	67.7	77.8	80.7	82.7
	1916	.....	4.0	36.2	54.7	71.4	83.0	90.6	93.6	95.1
	1915	.....	1.6	24.1	49.6	68.3	80.2	89.7	92.2	93.3
All other states [2]	1918	.....	6.0	19.3	30.9	34.7	52.5	61.3	73.6	76.6
	1917	.....	.....	20.3	33.6	50.1	58.6	62.4	66.9	70.1
	1916	.....	6.7	27.2	37.1	47.6	58.7	75.1	84.7	87.8
	1915	(1)	1.4	8.7	36.1	52.4	68.6	76.8	82.5	92.6

[1] Less than one-tenth of 1 per cent.
[2] Includes Arizona, except for 1918 and 1917, Kansas for 1915, Kentucky, and New Mexico.

An analysis of the periodical statistics of cotton ginned, as shown in Table 7, is presented in Table 9, which gives the number of bales of cotton ginned during each of the report periods, together with the corresponding percentages for the crops of 1914 to 1918, inclusive.

TABLE 9.—QUANTITY OF COTTON AND PERCENTAGE OF THE TOTAL GINNED DURING EACH PERIOD BETWEEN REPORT DATES: CROPS OF 1914 TO 1918.

[Quantities are given in running bales, except that round bales are counted as half bales. Linters are not included.]

PERIOD.	1918		1917		1916		1915		1914	
	Quantity (bales).	Per cent of total.	Quantity (bales).	Per cent of total.	Quantity (bales).	Per cent of total.	Quantity (bales).	Per cent of total.	Quantity (bales).	Per cent of total.
Total	11,906,480	100.0	11,248,242	100.0	11,363,915	100.0	11,068,173	100.0	15,905,840	100.0
Prior to Sept. 1	1,038,078	8.7	614,787	5.5	850,668	7.5	463,883	4.2	480,317	3.0
Sept. 1 to Sept. 25	2,732,533	23.0	1,896,871	16.9	3,231,321	28.4	2,439,946	22.0	2,913,435	18.3
Sept. 25 to Oct. 18	3,040,740	25.5	3,061,948	27.2	3,221,194	28.3	2,804,901	25.4	4,225,995	26.6
Oct. 18 to Nov. 1	965,808	8.1	1,611,572	14.3	1,320,710	11.6	1,670,156	15.1	2,207,165	13.9
Nov. 1 to Nov. 14	929,261	7.8	1,385,937	12.3	991,110	8.7	1,392,389	12.6	1,841,328	11.6
Nov. 14 to Dec. 1	864,994	7.3	1,142,414	10.2	737,028	6.5	932,337	8.4	1,405,146	8.8
Dec. 1 to Dec. 13	709,725	6.0	418,065	3.7	486,768	4.3	602,697	5.4	898,843	5.6
Dec. 13 to Jan. 1	492,724	4.1	303,258	2.7	200,692	1.8	330,469	3.0	470,917	3.0
Jan. 1 to Jan. 16	274,789	2.3	135,881	1.2	98,221	.9	115,212	1.0	472,704	3.0
After Jan. 15	857,828	7.2	677,509	6.0	226,203	2.0	316,183	2.9	989,990	6.2

Because of the extraordinary high temperatures thus prematurely opening some of the cotton, together with the prevailing high prices of the staple, the harvesting of the crop of 1918 was one of the earliest and most rapid on record. The quantity ginned from September 1 to September 25 formed 23 per cent, compared with 16.9 per cent for the crop of 1917. Of the more important ginning periods, that of September 25 to October 18 is most nearly uniform in its showing of percentages of the total crop for the five years covered by the table. Variations in the proportions of the quantity ginned during earlier or later periods are affected in greater degree by the size of the crop and its early or late maturity. The proportion ginned during any period is obviously affected by the weather.

AVERAGE WEIGHT OF BALES.

In order to credit each state and county with its proper proportion of the crop and provide figures which will more nearly express the actual size of the crop, making the reports of each year comparable with those for all other years, it is necessary to convert the running bales, which vary more or less according to locality, market price of cotton, and weather and crop conditions, into bales of uniform weight. To this end the bureau requires its canvassing agents to secure bale weights from local weighers, merchants, and other handlers of cotton, who, because of calculations involving money, naturally insist upon careful and accurate weights. The statistics in Table 10 have been compiled from these data and should constitute a very reliable record. This table shows, by states, for the crops of 1915 to 1918, the average gross weight of upland-square, upland-round, sea-island, and linter bales, and the number of square bales for which weights were returned to the bureau, with their total weight in pounds.

TABLE 10.—AVERAGE GROSS WEIGHT OF THE SEVERAL KINDS OF BALES AND NUMBER AND GROSS WEIGHT OF SQUARE BALES FOR WHICH WEIGHTS WERE RETURNED, BY STATES: 1915 TO 1918.

STATE.	Growth year.	AVERAGE GROSS WEIGHT OF BALE (POUNDS). Cotton. Counting round as half bales.	Upland. Square.	Upland. Round.	Sea-island.	Linters.	SQUARE BALES FOR WHICH WEIGHTS WERE RETURNED. Number.	Gross weight (pounds).
United States	1918	505.6	506.0	257.2	391.7	510.6	5,859,561	2,964,778,993
	1917	502.4	503.4	248.7	388.6	513.4	5,906,710	2,974,539,418
	1916	503.8	504.9	254.3	395.6	511.7	6,667,631	3,358,241,662
	1915	505.6	506.6	251.5	387.5	492.9	6,364,290	3,214,561,617
Alabama	1918	507.2	507.2	.....	.....	494.9	448,910	227,092,335
	1917	497.1	497.1	.....	.....	485.2	299,326	148,623,327
	1916	482.6	482.6	.....	.....	501.6	364,757	175,081,613
	1915	497.6	497.6	.....	.....	485.2	636,786	316,222,717
Arkansas	1918	515.8	515.8	.....	.....	519.1	517,009	265,671,192
	1917	510.6	510.6	250.0	.....	514.0	513,720	262,059,231
	1916	514.2	514.2	263.3	.....	507.7	698,416	358,071,066
	1915	516.7	516.7	261.8	.....	497.9	477,886	246,018,668
Florida	1918	420.8	481.0	.....	378.7	(1)	9,815	4,689,352
	1917	392.8	472.1	.....	369.9	(1)	6,390	3,039,665
	1916	406.5	485.0	.....	374.2	(1)	10,695	5,244,934
	1915	432.0	493.2	.....	372.7	(1)	18,058	8,923,375
Georgia	1918	501.1	501.9	.....	421.7	504.4	1,018,720	510,603,768
	1917	499.7	502.1	.....	408.2	504.8	1,036,512	519,962,640
	1916	491.6	495.3	.....	407.7	511.1	1,101,668	545,147,453
	1915	492.5	495.4	.....	398.7	487.9	1,218,628	604,812,804
Louisiana	1918	504.3	504.3	.....	.....	523.6	328,885	165,766,705
	1917	507.2	507.2	249.9	.....	513.4	407,924	207,038,030
	1916	502.3	502.3	252.0	.....	503.2	339,933	171,815,675
	1915	506.3	506.3	250.0	.....	498.0	232,183	117,966,229
Mississippi	1918	513.8	513.8	.....	.....	520.4	558,511	286,465,337
	1917	510.9	510.9	.....	.....	531.1	433,488	220,118,085
	1916	507.3	507.3	.....	.....	509.9	404,793	203,437,422
	1915	515.4	515.4	.....	.....	505.1	494,257	253,502,927
North Carolina	1918	488.3	488.3	.....	.....	504.6	396,076	193,562,461
	1917	470.6	470.6	.....	.....	510.3	337,029	158,662,404
	1916	471.8	471.8	.....	.....	509.5	419,618	198,117,381
	1915	474.3	474.3	.....	.....	479.0	471,627	224,072,219
Oklahoma	1918	492.9	492.8	249.3	.....	517.0	328,016	161,216,724
	1917	502.0	502.4	245.7	.....	516.1	552,707	277,615,946
	1916	506.2	506.5	248.6	.....	524.4	495,180	250,552,524
	1915	514.0	514.4	251.0	.....	498.6	322,143	165,295,588
South Carolina	1918	496.3	497.2	.....	355.8	484.0	691,386	344,267,733
	1917	488.1	488.8	.....	355.0	498.6	609,239	297,522,436
	1916	480.0	480.5	.....	344.7	510.6	610,729	293,867,366
	1915	482.8	483.5	.....	350.3	477.9	646,646	312,980,322
Tennessee	1918	518.5	518.5	.....	.....	519.4	172,031	88,638,375
	1917	503.6	503.6	.....	.....	538.4	116,543	58,637,933
	1916	505.8	505.8	.....	.....	530.6	200,051	100,876,265
	1915	512.1	512.1	.....	.....	501.1	183,250	93,615,768
Texas	1918	516.5	516.5	259.6	.....	519.0	1,302,780	672,124,888
	1917	513.8	514.0	250.5	.....	516.3	1,557,797	803,023,752
	1916	522.9	523.1	256.5	.....	511.7	1,932,108	1,010,244,586
	1915	525.8	526.1	251.3	.....	496.3	1,601,393	839,905,392
All other states	1918	498.2	498.2	.....	.....	505.6	87,422	44,680,123
	1917	500.1	500.1	.....	.....	504.8	36,035	18,235,369
	1916	505.2	505.2	.....	.....	493.9	89,683	45,785,377
	1915	504.9	504.9	.....	.....	503.6	61,433	31,245,608

[1] Included in "All other states."

The number of square bales for which weights were returned to the bureau in 1918 was 5,859,561, more than one-half of the total number ginned during the season. The bale weights were returned in two installments, with the reports of cotton ginned to November 1 and to January 1. Since weights are secured for bales ginned in different periods, the figures are representative of the varying conditions of the season and contribute to the reliability of the averages. Because of the variation throughout the season in the weights of the bales pressed, it is not possible to arrive at a reliable average for the crop before the season's ginning is practically completed. Weights of sea-island and of upland round bales were secured by the agents from the handlers of such cotton and from these data were computed the average weights for round and sea-island bales. The average weights of the linter bales were computed from returns secured from the cottonseed-oil mills.

Method of computing average bale weights. To obtain the average bale weights for a state, the average weights in pounds of the square, the round, and the sea-island bales weighed in each county were first multiplied separately by the numbers of bales of the respective kinds reported as ginned in the county. The several products thus obtained constituted the totals for the county. The county totals for the different kinds of bales were added separately to obtain the corresponding state totals, which were then divided, respectively, by the number of bales of the several kinds ginned in the state to obtain the average weight of each kind of bale. By deducting from the sum of the different kinds of bales one-half of the number of round bales, the divisor for finding the average weight of the bale, counting round as half bales, was obtained. The average bale weight for the crop of 1918, excluding linters, as thus computed, is 505.6 pounds gross weight, as compared with 502.4 pounds for 1917, 503.8 pounds for 1916, and 505.6 pounds for 1915.

The variation in the average weight of bale for upland cotton put up in square packages is pronounced throughout the cotton belt, the averages ranging from less than 465 pounds for a number of counties in North Carolina to more than 545 pounds for certain counties in Arkansas, Louisiana, Mississippi, Tennessee, and Texas. For the states shown separately in the table, and eliminating Florida because of its sea-island production, the range for the crop of 1918 is from 488.3 pounds in North Carolina to 518.5 in Tennessee. These variations are due to a number of causes, the principal one, no doubt being the practice of putting in one package the lint obtained from a single load of seed cotton, the quantity in a load depending upon capacity of wagons, character of roads, local customs, price of cotton, etc. The regulations of the Food Administration in its campaign for conservation tended to the packing of heavier bales in some sections.

Disparity between census and export bale weights.—The average weight of the bales exported during the year ending July 31, 1919, was 515.8 pounds, which is 10.2 pounds greater than the average for the crop of 1918, as computed from the returns of bale weights received by the bureau. This variation may be ascribed to a number of reasons, the two most important, no doubt, being that the states which contribute the larger portion of the export cotton are those which put up the heaviest bales and that export bales are usually made heavier by the addition of patches to the wrapping and extra bands round the bale at the time it is compressed for shipment. The average weight of the bale for the states of Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas, which furnish much the larger part of the export cotton, was 512.6 pounds, while that for the states of Alabama, Georgia, North Carolina, and South Carolina, which contribute most largely to the domestic consumption, was 498.4 pounds.

PRICES OF COTTON AND COTTON SEED.

The prices of cotton on the exchanges are obviously higher than those received by the growers in so far as they include such charges as freight, compression, and the salaries, commissions, and profits of local and intermediate buyers and dealers. The nearest approximation to the value of the cotton crop to the growers is obtainable by the application of the yearly average prices of cotton and cotton seed prepared by the Bureau of Crop Estimates of the Department of Agriculture. The average for lint cotton is obtained from the average prices to the growers on the first of each month, weighted according to the monthly marketings of cotton. In similar manner the yearly average price of seed is obtained from the average prices at the middle of each month. The average prices of cotton and cotton seed, by states, as thus computed, are shown in Table 11, for the crops of 1914 to 1918, inclusive.

TABLE 11.—AVERAGE PRICE OBTAINED BY PRODUCERS FOR COTTON AND COTTON SEED, BY STATES: 1914 TO 1918.

[Compiled by the Bureau of Crop Estimates, Department of Agriculture.]

STATE.	YEARLY AVERAGE PRICE OBTAINED BY PRODUCERS FOR—									
	Lint cotton per pound, in cents, crop of—					Cotton seed per ton, crop of—				
	1918	1917	1916	1915	1914	1918	1917	1916	1915	1914
United States	28.76	27.12	17.28	11.22	7.33	$65.32	$66.08	$50.50	$33.60	$17.90
Alabama	28.79	27.43	17.71	11.08	7.29	67.15	69.17	54.56	36.90	18.90
Arkansas	28.11	28.02	17.59	11.64	7.03	64.32	65.79	50.26	34.10	17.00
Florida	40.74	45.75	24.45	14.81	10.74	66.23	64.19	47.63	31.60	17.30
Georgia	29.35	28.02	18.04	11.30	7.44	67.76	69.26	55.66	36.90	20.20
Louisiana	28.50	26.36	16.85	10.94	7.63	63.80	63.67	49.45	32.00	18.60
Mississippi	28.21	27.69	18.22	11.51	7.29	64.84	66.92	52.18	34.30	18.70
Missouri	28.00	27.50	16.93	11.02	6.82	62.70	64.20	52.18	31.20	22.00
North Carolina	27.79	27.61	17.36	11.20	7.65	67.36	68.25	53.74	37.00	21.60
Oklahoma	27.30	25.85	17.05	11.13	6.81	62.19	61.75	51.82	30.60	14.60
South Carolina	29.10	27.33	17.63	11.21	7.76	68.03	69.45	54.98	36.50	20.80
Tennessee	27.59	27.47	17.56	11.40	7.09	64.19	66.27	51.59	35.00	18.30
Texas	29.48	26.00	16.63	11.02	7.22	62.28	64.24	45.80	29.30	15.30

The growers of cotton in the United States as a whole received for the lint produced from the crop of 1918 an average price of 28.76 cents per pound, as compared with 27.12 for the crop of 1917, 17.28 cents for the crop of 1916, 11.22 cents for the crop of 1915, and 7.33 cents for the crop of 1914. For each of the years shown the growers of Florida received a much higher average than those of any other state. This is due to the large proportion of sea-island cotton, which in 1918 constituted more than one-half of the total crop. The second highest average, not considering Arizona and California, is shown by Texas for 1918, by Arkansas and Georgia for 1917, by Mississippi for 1916, Arkansas for 1915, and South Carolina for 1914. Oklahoma shows the lowest average price for each of the crops represented, except 1915 and 1916. So many factors enter into the production, the handling, and the marketing of cotton that it is to be expected that the relative market values in different localities should vary among themselves and from year to year. In some states, however, there are constant factors which operate toward a higher or a lower price. For instance, in South Carolina and Georgia a portion of each year's crop is made up of sea-island cotton and the long-staple varieties of upland. In these states, also, the cost of transportation to the seaboard or the centers of consumption is probably less than in most others, whereas in Oklahoma the haul to ports and mills is longer than in any other state.

According to the annual report of Mr. Henry G. Hester, secretary of the New Orleans Cotton Exchange, the average grade of the crop of 1918 was "barely middling" and the average price of middling for the year on that market was 30.36 cents per pound. According to the same source, the average price of middling cotton for the crop of 1917 was 28.86 cents per pound; for 1916, 18.41; for 1915, 11.99; and for 1914, 7.94.

The yearly average price per ton of cotton seed paid to producers in the United States as a whole was $65.32 for the crop of 1918, $66.08 for the crop of 1917, $50.50 for the crop of 1916, $33.60 for 1915, and $17.90 for 1914. The highest averages in the several states were shown by South Carolina for the crops of 1918 and 1917, by Georgia for the crop of 1916, by North Carolina for the crop of 1915, and by Missouri for the crop of 1914. North Carolina, South Carolina, and Georgia uniformly show high average prices, both because the seed produced in these states yields high percentages of the more valuable products, and because there is considerable local demand for cottonseed meal for use in mixing fertilizers.

For about half the season of 1917–18 the price of cotton seed was indirectly fixed by voluntarily agreed prices on the principal cottonseed products by the producers of them with the approval of the United States Food Administration, together with a ruling by the Food Administration that no manufacturer of cottonseed products should sell the products of a ton of seed for more than $13 above the cost of the seed at his mill. Inasmuch as the seed grown in the several states of the cotton belt yield varying proportions of linters, hulls, oil, and cake, the conditions governing the sale of these products operated toward the establishment of different prices for seed in the different states. Similar conditions governed all licensed manufacturers of cottonseed products for at least a portion of the season of 1918–19.

THE VALUE OF THE COTTON CROP.

The gross weight of upland and sea-island cotton and the estimated quantity of cotton seed, together with the estimated values of lint cotton and cotton seed for the crops of 1915 to 1918, are presented, by states, in Table 12. No account is taken of linters in computing the value of the crop, as the value of the cotton seed relates to seed before reginning. The estimated value of linters produced, however, is given in Table 51, page 96.

TABLE 12.—GROSS WEIGHT AND ESTIMATED VALUE OF LINT COTTON AND ESTIMATED QUANTITY AND VALUE OF COTTON SEED, BY STATES: 1915 TO 1918.

STATE.	Growth year.	Aggregate value of cotton crop.	LINT COTTON.					COTTON SEED.	
			Total value.	Gross weight.				Quantity.	Value.
				Total.	Upland.		Sea-island.		
					In square bales.	In round bales.			
				Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Tons.*	
United States	1918	$2,087,200,000	$1,737,710,000	6,020,270,000	5,960,160,000	39,660,000	20,450,000	5,360,000	$349,490,000
	1917	1,866,240,000	1,532,690,000	5,651,190,000	5,568,180,000	47,020,000	35,990,000	5,040,000	333,550,000
	1916	1,253,130,000	994,060,000	5,724,960,000	5,629,540,000	48,920,000	46,500,000	5,113,000	259,070,000
	1915	795,840,000	627,940,000	5,595,910,000	5,532,220,000	28,100,000	35,590,000	4,992,000	167,900,000
Alabama	1918	139,160,000	115,250,000	400,310,000	400,310,000	.....	.....	356,000	23,910,000
	1917	86,940,000	71,030,000	258,950,000	258,950,000	.....	.....	230,000	15,910,000
	1916	60,110,000	47,230,000	266,700,000	266,700,000	.....	.....	236,000	12,880,000
	1915	73,270,000	56,550,000	510,420,000	510,420,000	.....	.....	453,000	16,720,000
Arizona	1918	13,550,000	12,230,000	27,800,000	27,800,000	.....	.....	24,000	1,320,000
	1917	6,300,000	5,720,000	10,870,000	10,870,000	.....	.....	10,000	580,000
Arkansas	1918	167,010,000	138,770,000	493,670,000	493,670,000	.....	.....	439,000	28,240,000
	1917	164,840,000	136,420,000	486,880,000	486,800,000	80,000	.....	432,000	28,420,000
	1916	125,070,000	99,740,000	567,020,000	566,210,000	810,000	.....	504,000	25,330,000
	1915	59,870,000	47,490,000	408,000,000	407,110,000	890,000	.....	363,000	12,380,000
California	1918	11,080,000	9,430,000	33,680,000	33,680,000	.....	.....	30,000	1,650,000
	1917	9,410,000	8,010,000	28,910,000	28,910,000	.....	.....	26,000	1,400,000
Florida	1918	7,120,000	5,990,000	14,710,000	6,920,000	.....	7,790,000	17,000	1,130,000
	1917	10,260,000	8,660,000	18,930,000	5,120,000	.....	13,810,000	25,000	1,600,000
	1916	6,310,000	5,070,000	20,720,000	7,220,000	.....	13,500,000	26,000	1,240,000
	1915	4,390,000	3,540,000	23,920,000	13,450,000	.....	10,470,000	27,000	850,000
Georgia	1918	375,630,000	311,460,000	1,061,200,000	1,052,230,000	.....	8,970,000	947,000	64,170,000
	1917	322,600,000	263,940,000	941,960,000	922,370,000	.....	19,590,000	847,000	58,660,000
	1916	210,230,000	164,250,000	910,470,000	878,670,000	.....	31,800,000	826,000	45,980,000
	1915	139,570,000	107,840,000	954,340,000	931,380,000	.....	22,960,000	860,000	31,730,000

Louisiana	1918	100,400,000	83,750,000	293,860,000	293,860,000			261,000	16,650,000
	1917	102,260,000	84,180,000	319,360,000	318,890,000	470,000		284,000	18,080,000
	1916	47,080,000	37,340,000	221,590,000	221,130,000	460,000		197,000	9,740,000
	1915	23,490,000	18,660,000	170,530,000	170,320,000	210,000		151,000	4,830,000
Mississippi	1918	208,280,000	172,940,000	613,030,000	613,030,000			545,000	35,340,000
	1917	152,270,000	125,370,000	452,780,000	452,780,000			402,000	26,900,000
	1916	92,790,000	73,950,000	405,900,000	405,900,000			361,000	18,840,000
	1915	69,440,000	54,900,000	476,980,000	476,980,000			424,000	14,540,000
Missouri	1918	10,460,000	8,700,000	31,080,000	31,080,000			28,000	1,760,000
	1917	10,100,000	8,370,000	30,420,000	30,420,000			27,000	1,730,000
	1916	6,770,000	5,310,000	31,350,000	31,350,000			28,000	1,460,000
	1915	3,390,000	2,640,000	24,000,000	24,000,000			21,000	660,000
North Carolina	1918	151,550,000	124,740,000	448,880,000	448,880,000			398,000	26,810,000
	1917	103,940,000	85,310,000	308,990,000	308,990,000			273,000	18,630,000
	1916	72,400,000	56,820,000	327,300,000	327,300,000			290,000	15,580,000
	1915	50,640,000	39,170,000	349,750,000	349,750,000			310,000	11,470,000
Oklahoma	1918	94,660,000	78,740,000	288,440,000	279,480,000	8,960,000		256,000	15,920,000
	1917	150,270,000	123,960,000	479,540,000	461,960,000	17,580,000		426,000	26,310,000
	1916	89,180,000	70,210,000	411,760,000	398,430,000	13,330,000		366,000	18,970,000
	1915	44,310,000	35,590,000	319,810,000	311,390,000	8,420,000		285,000	8,720,000
South Carolina	1918	275,970,000	228,420,000	784,960,000	781,270,000		3,690,000	699,000	47,550,000
	1917	207,220,000	169,020,000	618,430,000	615,840,000		2,590,000	550,000	38,200,000
	1916	104,900,000	82,140,000	465,920,000	464,720,000		1,200,000	414,000	22,760,000
	1915	81,960,000	63,560,000	566,960,000	564,800,000		2,160,000	504,000	18,400,000
Tennessee	1918	54,920,000	45,480,000	164,850,000	164,850,000			147,000	9,440,000
	1917	40,130,000	33,040,000	120,260,000	120,260,000			107,000	7,090,000
	1916	42,350,000	33,580,000	191,210,000	191,210,000			170,000	8,770,000
	1915	22,020,000	17,290,000	151,710,000	151,710,000			135,000	4,730,000
Texas	1918	472,140,000	397,470,000	1,348,280,000	1,317,580,000	30,700,000		1,199,000	74,670,000
	1917	495,590,000	406,300,000	1,562,690,000	1,533,800,000	28,890,000		1,390,000	89,290,000
	1916	385,730,000	309,790,000	1,862,850,000	1,828,530,000	34,320,000		1,658,000	75,940,000
	1915	219,900,000	177,830,000	1,613,740,000	1,595,160,000	18,580,000		1,436,000	42,070,000
Virginia	1918	4,200,000	3,460,000	12,440,000	12,440,000			11,000	740,000
	1917	3,140,000	2,590,000	9,390,000	9,390,000			8,000	550,000
	1916	2,990,000	2,350,000	13,560,000	13,560,000			12,000	640,000
	1915	1,140,000	880,000	7,900,000	7,900,000			7,000	260,000
All other states	1918	1,070,000	880,000	3,080,000	3,080,000			3,000	190,000
	1917	970,000	770,000	2,830,000	2,830,000			3,000	200,000
	1916	7,220,000	6,280,000	28,610,000	28,610,000			25,000	940,000
	1915	2,540,000	2,000,000	17,850,000	17,850,000			16,000	540,000

The statistics of lint cotton produced have been computed to represent the weight of baled cotton just as bought and sold. Estimating the weight of the wrapping and bands of the bales to average 22 pounds for upland square, 3 pounds for upland round, and 10 pounds for sea-island, the total tare for the cotton crop of 1918 on this basis amounted to 260, 082, 000 pounds, leaving 5, 760, 188, 000 pounds as the net weight of lint cotton produced.

In computing the values of the crops, the average prices of cotton and of cotton seed given in Table 11 have been used. On page 30 is stated the method of determining these prices, and the values given in the table must be considered accordingly. With the varying conditions found throughout the cotton belt, the compilation of absolutely accurate data as to the value of the crop is impossible. The statistics in Table 12 are, in a large sense, therefore, estimates, but it is believed they are sufficiently close to the facts to furnish a reliable reference. The average prices given in Table 11 have been multiplied in each case by the corresponding numbers representing the weights, while the average prices of seed for the several states have been applied to the estimated quantities of seed produced. The values of cotton and of seed are combined to make up the total value of the cotton crop, which appears in the first column of the table. The value of the crop of 1918 as thus determined is $2,087,200,000, as compared with $1,866,240,000, for 1917, $1,253,130,000 for 1916, $795,840,000 for 1915, and $720,080,000 for 1914. Thus the value of the crop of 1918 was nearly three times that of 1914, notwithstanding the fact that the quantity of lint cotton was very much less.

Estimated seed production.—In calculating the production of seed from a crop of cotton, adherence was held formerly to the generally accepted ratio of one part lint and two parts seed, but greater care in seed selection and improved methods of cultivation have developed a somewhat higher percentage of lint. It is estimated that 35 per cent of lint for upland and 25 per cent for sea-island very closely approximate the actual ratios for recent years. Computed on these bases, the quantity of seed produced in 1918 amounted to 5,360,000 tons.

Only approximate accuracy can be claimed for the figures of cottonseed production in Table 12, as different seasons and different localities present conditions which vary considerably. The character of soil, methods of cultivation, and conditions of weather during the growing and maturing periods materially affect the results.

LONG-STAPLE COTTON.

The urgent demand for long-staple cotton in the manufacture of thread, automobile tires, and the higher grade fabrics has given such varieties an importance seemingly out of proportion to the amount produced. While at one time long-fiber sea-island cotton grown in the West Indies provided a large part of the total cotton used in Europe, the world's production of this variety at the present time is comparatively insignificant, being about 50,000 bales. The quantity of long-fiber cotton produced in Egypt last year was about 900,000 bales, and the quantity of upland and American-Egyptian cotton with a staple of 1⅛ inches or more in length produced in the United States from the crop of 1918, according to the estimate of the Department of Agriculture, was 1,394,000 bales. Long-staple cotton is also produced in comparatively small quantities in India, Brazil, Peru, and several other countries. Altogether the total of long-staple cotton—that is, cotton having a fiber of 1⅛ inches or more in length—produced throughout the world from the crop of 1918 did not, in all probability, exceed 2,500,000 bales. As stated above, great interest attaches to cotton of this character under normal conditions, and statistics more or less in detail are presented regarding its cultivation in the United States.

Sea-island cotton.—Table 13 is a comparative statement showing, by states, the quantity of sea-island cotton ginned in the United States from the crops of 1915 to 1918, the average gross weight of the bale, and the quantity ginned to specified dates during these years.

TABLE 13.—SEA-ISLAND COTTON—PRODUCTION, AVERAGE GROSS WEIGHT OF BALE AND QUANTITY GINNED TO SPECIFIED DATES, BY STATES: 1915 TO 1918.

STATE.	Growth year.	PRODUCTION.		Average gross weight of bale (pounds).
		Bales (number).	Total gross weight (pounds).	
United States	1918	52,208	20,450,000	391.7
	1917	92,619	35,990,000	388.6
	1916	117,559	46,500,000	395.6
	1915	91,844	35,590,000	387.5
Florida	1918	20,571	7,790,000	378.7
	1917	37,327	13,810,000	369.9
	1916	36,092	13,500,000	374.2
	1915	28,094	10,470,000	372.7
Georgia	1918	21,279	8,970,000	421.7
	1917	47,979	19,590,000	408.2
	1916	77,981	31,800,000	407.7
	1915	57,572	22,960,000	398.7
South Carolina	1918	10,358	3,690,000	355.8
	1917	7,313	2,590,000	355.0
	1916	3,486	1,200,000	344.7
	1915	6,178	2,160,000	350.3

STATE.	Growth year.	GINNED TO (RUNNING BALES)—								
		Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.
United States	1918	296	3,028	10,583	16,032	20,854	25,658	31,238	36,849	40,822
	1917	2,838	19,221	43,815	57,560	68,229	77,755	83,288	86,935	88,840
	1916	4,631	31,261	65,040	80,727	92,909	102,496	110,163	113,343	115,592
	1915	2,097	19,091	40,438	55,362	68,941	77,165	84,110	88,933	90,671
Florida	1918	198	1,443	4,719	6,622	8,444	10,253	12,269	14,509	15,733
	1917	1,655	9,292	20,486	26,123	30,553	33,579	35,204	36,173	36,862
	1916	760	8,519	21,112	26,080	30,847	33,340	34,728	35,563	35,867
	1915	378	5,405	12,831	17,841	22,532	24,914	26,721	27,715	27,989
Georgia	1918	97	1,316	5,006	7,721	10,078	12,031	14,035	15,987	17,668
	1917	1,182	9,862	22,353	29,614	34,715	39,980	43,013	44,827	45,712
	1916	3,871	22,695	43,571	53,493	61,123	67,576	73,028	74,845	76,467
	1915	1,718	13,637	26,938	36,145	44,156	48,877	52,937	55,631	56,723
South Carolina	1918	1	269	858	1,689	2,332	3,374	4,934	6,353	7,421
	1917	1	67	976	1,823	2,961	4,196	5,071	5,935	6,266
	1916	.....	47	357	554	939	1,580	2,407	2,935	3,258
	1915	1	49	669	1,376	2,253	3,374	4,452	5,587	5,959

The sea-island cotton crop of 1918 amounted to 52,208 running bales, or 20,450,000 pounds gross weight, being 40,411 bales less than returned for the preceding crop and 65,351 bales less than for the crop of 1916. The reduction in the production of sea-island cotton is due to the ravages of the boll weevil and to reduction in acreage on account of the pest. Where cotton is being grown, the farmers are planting early maturing upland varieties instead of sea-island which requires a long season to come to maturity. Only about one-third of the total crop of sea-island cotton in 1918 was ginned prior to November 1 and less than one-half prior to December 1.

The ginning of sea-island cotton in the 3 producing states from the crop of 1918 was confined to 54 counties, comprising 23 counties in Florida, 29 in Georgia, and 2 in South Carolina. In addition, a few bales were produced in Texas and in Louisiana, in an experimental way. It was not grown, however, in all parts of the counties from which it was returned, in some instances only a small proportion of the total production of cotton being sea-island. The distribution of the crop, by counties, for the last five years will be found in Table 52 (p. 98) and the localities producing it in 1918 are represented on the map on page 15.

The best sea-island cotton produced in the United States is grown on the islands off the coast of South Carolina by planters who have for many years paid the most careful attention to seed selection. Growers who raise sea-island cotton in the interior must secure new seed from the coast region frequently in order to preserve the quality of the fiber, which degenerates rapidly into upland fiber when grown away from the coast.

The sea-island cotton now being grown in the West Indies, the total of which is insignificant, is said to surpass the average American product and competes with that grown in South Carolina rather than with the less valuable varieties grown in Florida and Georgia.

American-Egyptian cotton.—The imports of Egyptian cotton into the United States during the year ending July 31, 1919, amounted to 100,006 bales of 500 pounds each, compared with 114,580 bales for 1918, 199,892 bales for 1917 and 350,796 for 1916. The demand for Egyptian cotton by American manufacturers has led to efforts to grow in the United States cotton having its characteristics and its culture has been established in Arizona and California. The status of the cultivation of Egyptian varieties of cotton in this country is presented in the following statement, prepared by the Bureau of Plant Industry of the Department of Agriculture:

Interest in the production of American-Egyptian cotton has greatly increased during the past year owing to the heavy decline in the production of sea-island cotton, caused by the ravages of the boll weevil in the southeastern States. While not possessing the extreme fineness of the best sea-island fiber, American-Egyptian cotton of the Pima variety is fully equal to the great bulk of the sea-island crop in length of staple and in average breaking strength. It appears to be a satisfactory substitute in many classes of goods for which sea-island cotton was formerly exclusively employed. The removal of the war time restrictions on the manufacture of automobile tires and the obstacles which existing commercial conditions have placed in the way of importation of similar cotton from Egypt point to an increasingly active market for American-Egyptian cotton and a corresponding increase in production.

During the calendar year 1918 approximately 80,000 acres of irrigated land in Arizona and California were planted to American-Egpytian cotton, and the crop amounted to the equivalent of about 40,000 bales of 500 pounds, which was sold at an average price of about 56 cents per pound. At least 80 per cent of this total consisted of the Pima variety, which has an average length of staple of $1\frac{5}{8}$ to $1\frac{3}{4}$ inches. The acreage planted in the calendar year 1919 is about 90,000 acres, the great bulk of which is located in the Salt River Valley, Arizona. Practically the entire acreage is of the Pima variety. The following statement gives the production of American-Egyptian cotton in 500-pound bales and the estimated value of the crop during the entire period of commercial production (1912 to 1918):

YEAR.	Cotton lint in 500-pound bales.	Estimated value of lint.	Estimated value of seed.	Estimated total value of crop.
1912	375	$39,000	$5,000	$44,000
1913	2,135	197,000	28,000	225,000
1914	6,187	483,000	50,000	533,000
1915	1,095	119,000	10,660	129,660
1916	3,331	699,500	86,400	785,900
1917	15,966	5,482,000	619,770	6,101,770
1918	40,343	10,880,939	1,443,255	12,324,194

Long-staple upland cotton.—Formerly a large part of the long-staple upland cotton produced in the United States was grown in the Mississippi Delta, where a market for handling cotton of this character had been created. With the increased demand for superior staple cottons, efforts were made in other sections of the cotton belt to grow improved varieties of upland cotton.

Complete data of the production of long-staple upland cotton are not available. The Bureau of Crop Estimates of the Department of Agriculture, however, made an inquiry to determine what percentage of the total crop of 1918 was upland long-staple, where this staple was produced, and the yields and selling prices compared with short staple cotton. The results of this inquiry are given for the crops of 1917 and 1918 in the following tabular statement:

UPLAND LONG-STAPLE, SHORT-STAPLE, AND SEA-ISLAND COTTON—RELATIVE PRODUCTION: CROPS OF 1917 AND 1918.

[Compiled from publications of the Bureau of Crop Estimates, Department of Agriculture.]

STATE.	LONG-STAPLE UPLAND.				SHORT-STAPLE UNDER 1⅛ INCHES.		SEA-ISLAND AND EGYPTIAN.	
	Over 1¼ inches.		1⅛ to 1¼ inches.					
	1918	1917	1918	1917	1918	1917	1918	1917
	PERCENTAGE OF TOTAL CROP.							
United States	1.5	1.2	9.8	10.8	88.1	87.3	0.6	0.8
Alabama	.....	.....	0.7	(1)	99.3	(1)	.....	.....
Arkansas	2.6	2.5	20.4	21.5	77.0	76.0	.....	.....
Arizona	.....	.....	3.6	.....	35.7	35.0	60.7	63.0
California	.....	.....	13.4	23.2	83.6	75.4	3.0	1.4
Florida	7.1	(1)	7.1	(1)	32.2	(1)	53.6	74.0
Georgia	1.3	(1)	3.5	(1)	94.4	(1)	0.8	2.0
Louisiana	0.3	0.5	3.8	3.6	95.9	96.0	.....	.....
Mississippi	5.4	5.0	38.4	44.7	56.2	51.3	.....	.....
Missouri	.....	.....	6.5	(1)	93.5	(1)	.....	.....
North Carolina	0.1	(1)	0.9	(1)	99.0	(1)	.....	.....
Oklahoma	1.0	0.8	9.6	16.2	89.4	83.0	.....	.....
South Carolina	2.6	2.9	7.8	8.6	89.2	88.1	0.4	0.4
Tennessee	0.3	(1)	4.6	(1)	95.1	(1)	.....	.....
Texas	0.2	0.5	7.0	7.1	92.8	92.4	.....	.....
All other states	.....	0.3	6.5	2.4	93.5	95.3	.....	.....
	BALES, IN THOUSANDS (i. e., 000 omitted).							
United States	177	141	1,182	1,213	10,588	9,832	75	85
Alabama	.....	.....	6	(1)	794	(1)	.....	.....
Arkansas	26	25	201	209	758	739	.....	.....
Arizona	.....	.....	2	.....	20	7	34	13
California	.....	.....	9	13	56	42	2	1
Florida	2	(1)	2	(1)	9	(1)	15	28
Georgia	27	(1)	75	(1)	2,002	(1)	17	38
Louisiana	2	3	22	23	562	612	.....	.....
Mississippi	66	45	470	404	689	454	.....	.....
Missouri	.....	.....	4	(1)	58	(1)	.....	.....
North Carolina	1	(1)	8	(1)	887	(1)	.....	.....
Oklahoma	6	8	55	155	515	795	.....	.....
South Carolina	41	36	122	106	1,397	1,089	7	5
Tennessee	1	(1)	15	(1)	313	(1)	.....	.....
Texas	5	15	189	222	2,499	2,887	.....	.....
All other states	.....	9	2	81	29	3,207	.....	.....

[1] Included in "All other states."

The reports of the length of staple show a total of 1,359,000 bales of upland cotton having a length of 1⅛ inches or over, produced from the crop of 1918, against 1,354,000 bales of this length of the crop of 1917, 1,009,000 bales of the crop of 1916, and 832,000 bales of the crop of 1915. The marked increase in long-staple production is due primarily to the relatively high prices paid for it during the last few years, and secondarily to improved varieties which, in sections suitable to their growth, are showing themselves to be almost or quite equal in yield and in early maturity to standard varieties of short staple. Responses to supplemental inquiries as to the proportion of the upland crop represented by specified lengths of staple indicated that 1.5 per

cent of the total crop ran over 1¼ inches, the percentage in Mississippi being 5.4 per cent of the total crop.

The yield per acre of long-staple upland for the United States is reported at 190 pounds of lint above 1¼ inches in length and 182 pounds of a length from 1⅛ to 1¼ inches, compared with 157.5 pounds for the short-staple varieties under 1⅛ inches. In this connection it must be remembered that long-staple varieties are grown as a rule only on the better soils, and by the more progressive farmers who give the crop particular attention. The most important states producing long-staple upland cotton in 1918 were, in the order of quantity produced, Mississippi, Arkansas, Texas, and South Carolina.

NUMBER OF GINNERIES.

The number of ginneries, both active and idle, reported for each year from 1915 to 1918 and the average number of running bales ginned per active establishment, are shown, by states, in Table 14. Notwithstanding the general increase in the production of cotton, the total number of active ginneries has been decreasing. Practically all of the states showed a loss in 1918 as compared with 1917. As a result of the more general use of larger and more modern ginneries in the newer portions of the cotton belt, the average number of bales ginned per establishment is higher for these sections.

It is the practice of the bureau to retain on the official list and to class as "idle" all establishments which contain the machinery necessary for ginning, and which may be operated at some future time, and to drop from the list as "dismantled" only those not properly equipped with ginning machinery. This, in part, accounts for the relatively large number of idle establishments. The number of active and of idle ginneries in each county is shown in Table 53 (pp. 99 to 114).

ACREAGE AND PRODUCTION.

Table 15 (p. 40) shows, for selected years, the cotton acreage harvested, together with the production of cotton. The estimated acreage planted in 1919 is also given.

According to the revised estimate of the Department of Agriculture, the area planted in cotton in 1918 was 37,207,000 acres, of which 1,199,000 acres, or 3.2 per cent, were abandoned, leaving 36,008,000 acres as the area from which the crop was harvested. The average production of lint per acre in 1918, as estimated by the Department of Agriculture, was 160 pounds, which compares with 160 pounds in 1917, 157 pounds in 1916, 170 pounds in 1915, and 209 pounds in 1914. The average yield per acre in North Carolina in 1918 was 268 pounds, in South Carolina 250 pounds, in Missouri 200 pounds, and in Arizona and California, where cotton is grown on irrigated land, 280 and 270 pounds, respectively. When conditions are favorable, the yield of cotton in some localities approaches a bale to the acre. This is largely the result of improved cultural methods, which involve thorough preparation of the soil, the use of commercial fertilizers, rotation of cotton with leguminous crops, and frequent and intelligent cultivation. With the more general adoption of intensive farming, there may be a large increase in production without any general extension of acreage.

The estimated acreage planted to cotton in 1919 is 33,960,000 acres. Included in this total is 65,000 acres in sea-island and 97,000 acres in American-Egyptian. Of the sea-island acreage, 25,000 is in Georgia and 20,000 each in Florida and South Carolina. Of the American-Egyptian acreage, 95,000 is in Arizona and 2,000 in California.

TABLE 14.—NUMBER OF ACTIVE AND IDLE GINNERIES, AND AVERAGE NUMBER OF RUNNING BALES, EXCLUDING LINTERS, GINNED PER ACTIVE ESTABLISHMENT, BY STATES: 1915 TO 1918.

STATE.	Growth year.	NUMBER OF GINNERIES. Total.	Active.	Idle.	Average number of running bales ginned per active establishment.
United States	1918	23,439	19,259	4,180	618
	1917	24,272	20,351	3,921	553
	1916	25,999	21,624	4,375	526
	1915	26,721	23,162	3,559	478
Alabama	1918	2,397	1,773	624	445
	1917	2,578	1,851	727	281
	1916	2,927	2,221	706	249
	1915	3,132	2,753	379	373
Arizona	1918	21	19	2	2,853
	1917	15	13	2	1,626
Arkansas	1918	1,851	1,618	233	592
	1917	1,913	1,728	185	552
	1916	1,966	1,771	195	623
	1915	1,975	1,769	206	446
California	1918	23	21	2	3,404
	1917	22	22	.....	2,681
	1916	19	19	.....	2,298
	1915	20	14	6	2,042
Florida	1918	243	149	94	235
	1917	241	163	78	296
	1916	251	181	70	282
	1915	261	203	58	273
Georgia	1918	3,660	3,013	647	703
	1917	3,790	3,214	576	587
	1916	4,122	3,474	648	533
	1915	4,262	3,704	558	523
Louisiana	1918	1,267	1,051	216	554
	1917	1,326	1,115	211	565
	1916	1,435	1,099	336	401
	1915	1,437	1,086	351	310
Mississippi	1918	2,179	1,783	396	669
	1917	2,321	1,785	536	497
	1916	2,616	1,949	667	411
	1915	2,738	2,204	534	420
Missouri	1918	114	91	23	657
	1917	110	92	18	641
	1916	109	90	19	672
	1915	108	90	18	518
North Carolina	1918	2,521	2,096	425	439
	1917	2,597	2,245	352	292
	1916	2,812	2,380	432	291
	1915	2,874	2,514	360	293
Oklahoma	1918	1,044	857	187	683
	1917	1,073	969	104	986
	1916	1,094	957	137	850
	1915	1,117	965	152	645
South Carolina	1918	3,144	2,804	340	564
	1917	3,149	2,771	378	457
	1916	3,336	2,832	504	348
	1915	3,401	3,069	332	383
Tennessee	1918	579	504	75	631
	1917	601	531	70	450
	1916	624	543	81	696
	1915	624	562	62	527
Texas	1918	4,246	3,365	881	776
	1917	4,385	3,724	661	817
	1916	4,530	3,970	560	897
	1915	4,610	4,093	517	750
Virginia	1918	143	109	34	232
	1917	142	120	22	168
	1916	140	123	17	227
	1915	145	121	24	135
All other states [1]	1918	7	6	1	1,038
	1917	9	8	1	707
	1916	18	15	3	895
	1915	17	15	2	464

[1] Includes Arizona (except for 1917), Kansas, Kentucky, and New Mexico.

The acreage and production of cotton in the United States from 1893 to 1918 is graphically presented in the following diagram:

DIAGRAM 2.—AREA AND YIELD OF COTTON: 1893 TO 1918.

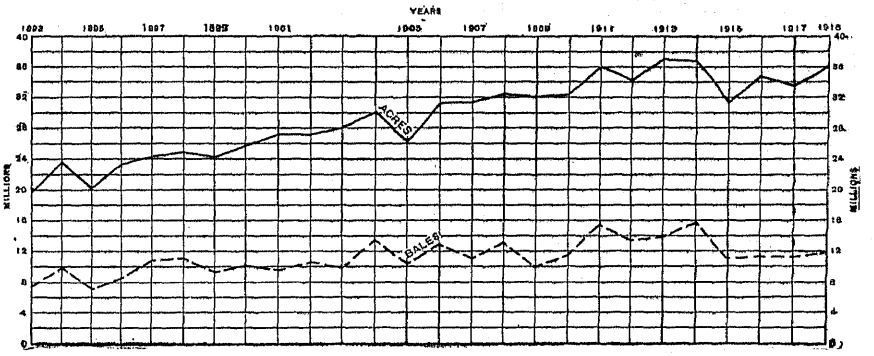


TABLE 15.—COTTON ACREAGE HARVESTED, AND PRODUCTION, BY STATES, FOR SELECTED YEARS: 1839 TO 1919.

[Quantities are given in running bales, except that round bales are counted as half bales. Linters are excluded. Census statistics of acreage prior to 1879 are not available. The statistics of acreage and of production for the census years 1879, 1889, 1899, and 1909, and those of production since 1898, are census figures based on actual canvass, while the others are as estimated by the United States Department of Agriculture.]

GROWTH YEAR.	United States.	Alabama.	Arkansas.	Florida.	Georgia.	Louisiana.	Mississippi.	Missouri.[1]	North Carolina.	Oklahoma.	South Carolina.	Tennessee.	Texas.	Virginia.
1919—Acres [2]	33,960,000	2,990,100	2,701,000	122,000	5,262,000	1,445,000	2,939,000	337,000	1,454,000	2,456,000	2,706,000	755,000	10,755,000	38,000
1918—Acres	36,008,000	2,570,000	2,991,000	167,000	5,341,000	1,683,000	3,138,000	340,000	1,600,000	2,998,000	3,001,000	902,000	11,233,000	44,000
Bales	11,906,480	789,265	957,118	34,951	2,117,860	582,698	1,193,122	191,719	919,338	585,149	1,581,726	317,962	2,610,337	25,235
1917—Acres	33,841,000	1,977,000	2,740,000	183,000	5,195,000	1,454,000	2,788,000	345,000	1,515,000	2,783,000	2,837,000	882,000	11,092,000	50,000
Bales	11,248,242	520,906	953,587	48,178	1,885,054	629,719	886,269	144,709	656,656	955,342	1,267,135	238,806	3,041,726	20,155
1916—Acres	34,985,000	3,225,000	2,600,000	191,000	5,277,000	1,250,000	3,110,000	210,000	1,451,000	2,562,000	2,780,000	887,000	11,400,000	42,000
Bales	11,363,915	552,679	1,102,671	50,979	1,852,104	441,121	800,190	117,550	693,672	813,419	970,702	378,064	3,562,789	27,975
1915—Acres	31,412,000	3,340,000	2,170,000	193,000	4,825,000	990,000	2,735,000	150,000	1,282,000	1,895,000	2,516,000	772,000	10,510,000	34,000
Bales	11,068,173	1,025,818	789,583	55,354	1,937,730	336,813	925,509	82,192	737,354	622,176	1,174,213	296,222	3,068,852	16,357
1914—Acres	36,832,000	4,007,000	2,480,000	221,000	5,433,000	1,299,000	3,054,000	212,000	1,527,000	2,847,000	2,861,000	915,000	11,931,000	45,000
Bales	15,905,840	1,731,751	999,237	90,648	2,723,094	452,261	1,217,883	140,109	970,479	1,232,638	1,560,195	372,068	4,390,200	25,277
1913—Acres	37,089,000	3,760,000	2,502,000	188,000	5,318,000	1,244,000	3,067,000	126,000	1,576,000	3,009,000	2,790,000	865,000	12,597,000	47,000
Bales	13,982,811	1,483,669	1,038,293	66,700	2,346,237	436,865	1,251,841	95,629	837,995	842,499	1,418,704	366,786	3,773,024	24,569
1912—Acres	34,283,000	3,730,000	1,991,000	224,000	5,335,000	929,000	2,889,000	112,000	1,545,000	2,665,000	2,695,000	783,000	11,338,000	47,000
Bales	13,488,539	1,328,297	770,937	58,833	1,812,778	374,793	1,004,376	64,573	906,351	1,005,109	1,224,245	267,439	4,645,309	25,499
1911—Acres	36,045,000	4,017,000	2,363,000	308,000	5,504,000	1,075,000	3,340,000	141,000	1,624,000	3,050,000	2,800,000	837,000	10,943,000	43,000
Bales	15,553,073	1,695,284	908,014	94,471	2,794,295	380,826	1,169,066	107,879	1,126,276	1,016,538	1,692,146	430,027	4,107,152	31,099
1910—Acres	32,403,000	3,560,000	2,238,000	257,000	4,873,000	975,000	3,317,000	109,000	1,478,000	2,204,000	2,534,000	765,000	10,060,000	33,000
Bales	11,568,334	1,192,179	798,156	67,172	1,812,178	246,788	1,212,104	68,694	753,087	919,842	1,210,968	321,103	2,949,968	16,095
1909—Acres	32,044,000	3,731,000	2,153,000	263,000	4,883,000	957,000	3,400,000	106,000	1,274,000	1,977,000	2,557,000	788,000	9,930,000	25,000
Bales	10,072,731	1,040,137	697,603	61,877	1,850,125	258,459	1,073,105	46,785	633,746	552,678	1,137,382	240,757	2,469,331	10,746
1908—Acres	32,444,000	3,591,000	2,296,000	265,000	4,848,000	1,550,000	3,395,000	87,000	1,458,000	2,311,000	2,545,000	754,000	9,316,000	28,000
Bales	13,086,005	1,332,003	996,093	70,598	1,977,050	466,543	1,620,325	60,025	683,628	689,345	1,215,848	334,084	3,627,350	13,113
1907—Acres	31,311,000	3,439,000	1,950,000	265,000	4,774,000	1,622,000	3,220,000	71,000	1,408,000	2,196,000	2,426,000	749,000	9,156,000	35,000
Bales	11,057,822	1,113,093	751,851	56,668	1,860,323	662,032	1,442,881	36,415	637,961	848,977	1,163,565	266,433	2,208,021	9,602
1906—Acres	31,374,000	3,658,000	2,097,000	283,000	4,610,000	1,739,000	3,408,000	91,000	1,374,000	1,981,000	2,389,000	814,000	8,894,000	36,000
Bales	12,983,201	1,241,133	894,268	61,473	1,632,703	955,473	1,483,408	53,684	611,258	871,961	912,602	293,023	3,957,619	14,596
1905—Acres	26,117,153	3,500,168	1,718,751	256,173	3,738,703	1,561,774	3,051,265	66,444	1,085,568	1,234,822	2,161,923	757,397	6,945,501	38,664
Bales	10,495,105	1,228,000	598,915	78,838	1,725,272	511,738	1,168,059	41,664	652,815	660,027	1,112,363	269,030	2,432,718	15,666

1904—Acres	30,053,739	3,611,731	2,051,185	267,372	4,227,188	1,745,865	3,632,458	79,403	1,306,968	1,315,663	2,531,875	881,341	8,355,491	47,199
Bales	13,451,337	1,451,362	901,223	87,525	1,962,890	1,083,683	1,774,464	51,434	749,712	796,382	1,192,926	320,317	3,062,203	17,216
1903—Acres	28,016,893	3,608,049	1,925,191	268,666	4,048,912	1,642,463	3,327,960	68,529	1,155,028	1,029,357	2,318,100	783,196	7,801,578	39,864
Bales	9,819,969	987,224	715,588	58,572	1,305,844	818,087	1,410,805	36,839	555,320	456,704	814,351	240,808	2,406,146	13,681
1902—Acres	27,114,103	3,501,614	1,901,758	253,961	3,863,542	1,617,586	3,183,989	61,830	1,075,743	1,017,090	2,205,016	754,600	7,640,531	36,843
Bales	10,588,250	965,518	949,101	67,287	1,475,834	866,911	1,423,395	42,289	567,530	530,709	948,005	307,102	2,427,994	16,575
1901—Acres	27,220,414	3,642,964	1,854,482	254,596	4,006,199	1,586,124	3,193,570	55,183	1,112,260	837,673	2,248,569	737,337	7,656,312	35,145
Bales	9,582,520	1,112,892	712,492	57,144	1,373,857	834,048	1,252,728	29,951	450,128	371,029	731,561	194,847	2,447,834	14,009
1900—Acres	25,758,139	3,403,746	1,742,787	235,451	3,783,015	1,480,781	3,194,795	50,173	1,091,034	709,006	2,195,252	662,612	7,178,915	30,572
Bales	10,102,102	1,028,640	801,034	55,696	1,256 901	705,061	1,037,029	27,130	508,302	346,237	779,849	215,375	3,329,015	11,833
1899—Acres	24,275,101	3,202,135	1,641,855	221,825	3,513,839	1,376,254	2,897,920	48,201	1,007,020	682,743	2,074,081	623,137	6,960,367	25,724
Bales	9,393,242	1,086,667	702,512	56,821	1,287,386	701,662	1,239,373	19,582	472,770	209,611	874,744	207,551	2,525,324	9,239
1898—Acres	24,967,295	3,093,176	1,876,467	152,452	3,535,205	1,281,691	2,900,298	82,498	1,311,708	530,799	2,353,213	896,722	6,991,904	51,162
Bales	11,189,205	1,176,042	919,469	35,064	1,378,731	717,747	1,247,128	33,207	629,620	316,864	1,035,414	322,820	3,363,109	13,990
1897—Acres	24,319,584	2,709,460	1,619,785	251,109	3,537,702	1,245,399	2,778,610	83,784	1,302,437	534,656	2,074,778	967,077	7,164,175	50,612
Bales	10,897,857	1,112,681	942,267	53,657	1,350,781	788,325	1,524,771	27,082	646,726	317,561	1,030,085	268,635	2,822,408	12,878
1896—Acres	23,273,209	2,656,333	1,542,652	264,325	3,468,335	1,245,399	2,835,316	79,373	1,228,714	219,674	2,014,348	912,337	6,758,656	47,747
Bales	8,532,705	833,789	605,643	48,730	1,299,340	567,251	1,201,000	24,717	521,795	122,956	936,463	236,781	2,122,701	11,539
1895—Acres	20,184,808	2,371,726	1,186,655	191,540	3,069,323	1,142,568	2,487,119	48,212	1,050,183	238,940	1,814,728	712,763	5,826,428	44,623
Bales	7,161,094	663,916	520,860	38,722	1,067,377	513,843	1,013,358	11,934	397,752	82,771	764,700	172,560	1,905,337	7,964
1894—Acres	23,687,950	2,664,861	1,483,319	201,621	3,610,968	1,313,296	2,826,272	72,107	1,296,522	262,890	2,160,391	879,954	6,854,621	61,128
Bales	9,901,251	900,439	748,206	50,729	1,247,952	760,757	1,231,227	25,543	479,441	135,566	862,604	304,981	3,140,392	13,414
1893—Acres	19,525,000	2,316,000	1,867,250	165,000	3,050,000	946,000	2,845,400	310,670	1,180,000	(3)	1,885,000	805,920	4,153,760	(3)
Bales	7,493,000	810,000	679,000	55,000	1,000,000	473,000	1,050,000	103,000	400,000	(3)	650,000	276,000	1,997,000	(3)
1889—Acres	20,175,270	2,761,165	1,700,578	227,370	3,345,104	1,270,154	2,883,278	60,620	1,147,136	71,187	1,987,469	747,471	3,934,525	39,213
Bales	7,472,511	915,210	691,494	57,928	1,191,846	659,180	1,154,725	16,941	336,261	34,540	747,190	190,579	1,471,242	5,375
1884—Acres	17,439,612	2,740,941	1,259,858	268,111	2,958,930	922,581	2,392,447	70,920	1,061,048	(3)	1,716,128	815,678	3,186,668	46,302
Bales	5,682,000	648,700	531,400	57,300	807,400	485,200	883,200	30,200	404,100	(3)	511,800	313,800	995,400	13,500
1879—Acres	14,480,019	2,330,086	1,042,976	245,595	2,617,138	864,787	2,106,215	34,783	893,153	35,000	1,364,249	722,562	2,178,435	45,040
Bales	5,755,359	699,654	608,256	54,997	814,441	508,569	963,111	21,685	389,598	17,000	522,548	330,621	805,284	19,595
1869—Bales [4]	3,011,996	429,482	247,968	39,789	473,934	350,832	564,938	2,965	144,935	.....	224,500	181,842	350,628	183
1859—Bales [4]	5,387,052	989,955	367,393	65,153	701,840	777,738	1,202,507	42,886	145,514	.....	353,412	296,464	431,463	12,727
1849—Bales [4]	2,469,093	564,429	65,344	45,131	499,091	178,737	484,292	772	73,845	.....	300,901	194,532	58,072	3,947
1839—Bales [4]	2,063,915	305,846	15,741	31,620	426,612	398,317	504,965	2,662	135,578	.....	161,123	72,327	.....	9,124

[1] Includes statistics for other cotton-producing localities not named; also for Oklahoma and Virginia in 1893 and for Oklahoma in 1884.
[2] The data for 1919 relate to acreage planted.
[3] Included with Missouri.
[4] The statistics of bales for 1849, 1859, and 1869 are in equivalent 400-pound bales, as expressed in the census reports for those years; those for 1839 are in equivalent bales of 383 pounds, net weight.

LOCALIZATION OF COTTON GINNING.

The cotton crop of 1918 was ginned in 899 counties, that of 1917 in 877, that of 1916 in 875, and that of 1915 in 886. In several instances there were counties in which the ginneries were active for one crop and idle for another, this fact accounting, in part, for the differences in the number of counties for the different crops. Table 16 gives the number of counties, by states, from which cotton ginning was reported, and classifies the counties according to the total quantities returned by the ginners.

Of the total number of counties reporting cotton ginned from the crop of 1918, 302 returned less than 5,000 equivalent 500-pound bales each, as compared with 331 from the crop of 1917, 326 from the crop of 1916, and 245 from the crop of 1914. For many of these counties the quantity of cotton reported is small, in some cases only one or two ginneries being operated in a county. There were 149 counties which reported more than 25,000 bales in 1918, of which 29 reported more than 50,000 bales each, 5 more than 75,000 bales each, and 2—Bolivar County, Miss., and Orangeburg County, S. C.—more than 100,000 bales each. Bolivar County, with 124,936 equivalent 500-pound bales, led all other counties in 1918 in the quantity of cotton ginned.

The counties reporting cotton ginned are indicated on the United States map on page 15, while on the state maps (pp. 128 to 135, inclusive) the counties ginning cotton are designated according to the production in 500-pound bales.

Table 52 shows the quantity of sea-island cotton ginned to December 13 and for the season, by counties, Table 53 gives similar data for sea-island and upland cotton combined, as well as the numbers of active and idle ginneries, and Table 54 presents statistics of cotton ginned to specified dates and throughout the season. Linters are not included in these tables.

TABLE 16.—COTTON-PRODUCING COUNTIES, CLASSIFIED ACCORDING TO QUANTITY OF COTTON GINNED, BY STATES: 1915 TO 1918.

STATE.	Growth year.	NUMBER OF COUNTIES GINNING—						
		Total.	Less than 5,000 bales.	5,000 to 10,000 bales.	10,000 to 15,000 bales.	15,000 to 25,000 bales.	25,000 to 40,000 bales.	40,000 bales and over.
United States	1918	899	302	184	123	141	97	52
	1917	877	331	160	108	147	94	37
	1916	875	326	156	122	149	79	43
	1915	886	308	164	124	175	79	36
Alabama	1918	67	10	21	16	18	2	.....
	1917	67	29	19	11	7	1	.....
	1916	66	27	16	13	9	1	.....
	1915	67	8	13	15	22	9	.....
Arkansas	1918	71	18	12	17	14	7	3
	1917	71	16	12	16	20	5	2
	1916	71	17	11	17	15	4	7
	1915	71	22	19	8	14	6	2
Florida	1918	36	36	.....	.....	.....	.....	.....
	1917	25	23	2	.....	.....	.....	.....
	1916	24	21	3	.....	.....	.....	.....
	1915	24	22	1	1	.....	.....	.....
Georgia	1918	150	34	28	34	27	23	4
	1917	147	36	33	26	36	14	2
	1916	147	33	36	27	37	13	1
	1915	147	29	31	31	42	12	2
Louisiana	1918	53	17	11	7	14	3	1
	1917	54	20	8	10	9	6	1
	1916	52	24	11	7	8	1	1
	1915	51	27	11	5	7	1	.....
Mississippi	1918	80	15	38	6	8	7	6
	1917	79	45	16	3	6	4	5
	1916	78	54	8	4	3	3	6
	1915	78	35	16	9	9	5	4
Missouri	1918	12	9	1	.....	1	1	.....
	1917	11	8	1	.....	1	1	.....
	1916	11	8	1	.....	1	1	.....
	1915	11	8	1	1	1	.....	.....
North Carolina	1918	74	24	17	12	5	14	2
	1917	74	40	12	6	12	3	1
	1916	74	30	18	10	11	5	.....
	1915	74	30	19	8	11	5	1
Oklahoma	1918	61	19	17	11	12	2	.....
	1917	62	16	7	8	14	17	.....
	1916	60	15	7	11	18	9	.....
	1915	62	19	15	10	15	3	.....
South Carolina	1918	45	.....	4	.....	11	15	15
	1917	45	1	5	4	12	17	6
	1916	45	4	4	8	17	8	4
	1915	44	3	3	5	11	17	5
Tennessee	1918	37	17	8	5	5	1	1
	1917	36	20	7	4	4	1	.....
	1916	34	15	6	4	3	5	1
	1915	34	16	5	6	6	.....	1
Texas	1918	193	88	26	14	25	21	19
	1917	188	64	35	19	26	25	19
	1916	195	63	33	21	27	28	23
	1915	204	72	29	25	37	20	21
All other states	1918	20	15	1	1	1	1	1
	1917	18	13	3	1	.....	.....	1
	1916	18	15	2	.....	.....	1	.....
	1915	19	17	1	.....	.....	1	.....

CONSUMPTION AND STOCKS OF COTTON.

Statistics of cotton consumed and of cotton held have been collected by this bureau since 1905, when annual reports of this character were authorized by Congress. The scope of the inquiry has been extended so that monthly reports are now being collected. Yearly reports were published from 1905 to 1909, four periodical reports each year from 1909 to 1912, and monthly reports since September, 1912.

Table 17 (p. 46) presents comparative statistics for the United States for the years 1906 to 1919, and by states for 1916 to 1919 as to the number of cotton spindles, both total and active, the number of spindles consuming cotton mixed with other fibers, the quantities of domestic and foreign cotton and of linters consumed during the cotton year and on hand in consuming establishments at the end of the cotton year.

SPINDLES.

The term "cotton spindles" is applied only to those spindles which were used exclusively for spinning cotton fiber, including cotton waste and linters, and covers all such spindles, regardless of the character of the establishments in which located. Obviously it does not cover those which consumed cotton mixed with other fibers. The total number of cotton spindles returned for the United States was 35,443,156. The number operated during the year ending July 31, 1919, as shown in Table 17, was 34,930,934, or 388,269 more than the number for the previous year. There were 512,222 spindles returned as idle—that is, as having consumed no cotton whatever during the year. This number compares with 398,165 in 1918, 332,417 in 1917, 527,293 in 1916, and 876,495 in 1915.

In the total number of cotton spindles Massachusetts exceeds every other state, having 11,630,397, or 32.8 per cent of the total for the United States, in 1919; South Carolina ranks second, with 4,955,675, or 14 per cent; North Carolina third, with 4,789,322, or 13.5 per cent; Rhode Island fourth, Georgia fifth, New Hampshire sixth, Connecticut seventh, Alabama eighth, and Maine ninth. No other state reported as many as a million spindles. The states showing the largest net gains during the year were North Carolina, Massachusetts, Virginia, South Carolina, and Georgia, in the order named.

In addition to the spindles designed primarily to spin cotton, 428,653 spindles were returned as having consumed during the year raw cotton mixed with other fibers. The corresponding numbers for previous years were 446,503 in 1918, 452,525 in 1917, 405,000 in 1916, and 394,505 in 1915. The variation in the number of spindles so used is due to the fact that, in some establishments, spindles employed during one year in spinning cotton mixed with some other fiber use no raw cotton whatever during another year. Attention is also called to the fact that a few establishments did not report the number of spindles of this character, stating that the data were not available. The states reporting the largest numbers of spindles that consumed raw cotton mixed with other fibers are those which led in the manufacture of woolen goods and hosiery and knit goods. Of the total number of such spindles reported, 87,288, or 20.4 per cent, were returned from Massachusetts, 77,094 from Pennsylvania, 63,575 from New York, and 39,456 from Connecticut.

TABLE 17.—SPINDLES, RAW COTTON AND LINTERS CONSUMED, AND STOCKS HELD IN CONSUMING ESTABLISHMENTS: UNITED STATES, 1906 TO 1919, AND BY STATES, 1916 TO 1919.

[The statistics for 1915 to 1919 relate to the 12 months ending July 31, and those for prior years to the 12 months ending Aug. 31.]

STATE AND YEAR.	COTTON SPINDLES.		Spindles consuming cotton mixed with other fibers.	COTTON (EXCLUSIVE OF LINTERS).				LINTERS.	
	Total.	Active.		Consumed (bales).		Stocks in consuming establishments at end of year (bales).		Consumed (bales).	Stocks in consuming establishments at end of year (bales).
				Total.	Foreign.	Total.	Foreign.		
United States:									
1919	35,443,156	34,930,934	428,653	5,765,936	176,116	1,303,418	50,648	457,901	266,539
1918	34,940,830	34,542,665	446,503	6,566,489	183,794	1,465,223	62,684	1,118,840	138,108
1917	34,221,252	33,888,835	452,525	6,788,505	318,261	1,501,916	94,311	869,702	112,972
1916	33,333,176	32,805,883	405,000	6,397,613	316,995	1,632,245	142,518	880,916	100,411
1915	32,840,730	31,964,235	394,505	5,597,362	222,057	1,401,185	108,782	411,845	198,905
1914	32,744,012	32,107,572	414,058	5,577,408	194,309	675,873	64,149	307,325	75,346
1913	32,149,617	31,519,766	454,733	5,483,321	232,929	717,704	79,979	303,009	60,454
1912	31,582,679	30,578,528	500,206	5,129,346	207,663	818,024	84,776	238,237	52,622
1911	30,803,662	29,522,597	456,242	4,498,417	175,430	498,769	81,424	206,561	43,422
1910	28,929,093	28,266,862	.....	4,621,742	155,774	493,010	42,337	177,211	40,222
1909	28,573,435	28,018,305	558,792	5,091,534	161,738	868,909	65,563	149,185	38,188
1908	27,964,387	27,505,422	602,840	[1] 4,539,090	149,628	[1] 594,184	62,303	(1)	(1)
1907	26,939,415	26,375,191	651,251	[1] 4,984,936	140,368	[1] 1,016,738	79,820	(1)	(1)
1906	25,811,681	25,250,096	.....	[1] 4,909,279	138,475	[1] 680,471	40,118	(1)	(1)
Alabama:									
1919	1,192,294	1,174,298	.....	326,773	.....	57,242	.....	3,211	778
1918	1,169,624	1,168,306	.....	374,792	.....	57,385	.....	12,053	900
1917	1,136,786	1,136,786	.....	390,956	.....	64,570	.....	13,451	950
1916	1,126,846	1,111,660	.....	346,233	48	70,740	.....	6,032	1,076
Connecticut:									
1919	1,387,517	1,335,391	39,456	124,026	10,510	50,417	4,415	5,857	4,027
1918	1,376,554	1,334,656	40,728	138,192	11,905	59,055	5,460	20,075	4,210
1917	1,372,860	1,343,916	40,129	145,524	16,871	60,895	5,204	16,303	3,720
1916	1,362,186	1,343,573	38,648	144,582	19,827	64,539	10,340	28,601	3,285
Georgia:									
1919	2,518,059	2,499,331	7,680	702,676	2,445	136,158	2,132	16,260	1,915
1918	2,482,131	2,466,148	6,660	854,078	8,468	122,984	1,262	26,317	5,488
1917	2,422,810	2,398,114	6,360	907,015	17,549	145,949	6,210	23,075	7,549
1916	2,275,929	2,259,855	6,360	797,789	8,534	178,675	9,177	17,602	2,536
Illinois:									
1919	63,168	57,543	5,652	11,643	90	1,879	27	11,939	4,365
1918	63,168	58,355	7,389	12,718	421	2,955	78	12,169	5,365
1917	62,168	55,893	6,280	14,226	524	3,742	247	9,402	2,218
1916	58,168	56,568	1,069	13,007	93	4,715	22	10,070	1,378
Indiana:									
1919	86,256	81,256	12,908	14,525	.....	2,969	.....	2,155	314
1918	85,576	81,656	8,350	17,138	.....	3,340	.....	5,907	735
1917	85,576	80,756	6,666	17,940	11	4,072	.....	6,457	771
1916	88,668	86,044	6,880	18,509	40	4,672	11	7,200	1,050
Kentucky:									
1919	94,224	93,488	.....	18,671	.....	5,460	.....	2,416	887
1918	91,528	91,528	.....	20,627	.....	5,400	.....	2,634	1,138
1917	91,244	91,244	.....	23,231	.....	4,896	.....	2,039	2,841
1916	87,944	87,944	.....	25,569	.....	7,429	.....	873	165
Louisiana:									
1919	102,944	102,944	.....	34,147	.....	1,089	.....	1,531	49
1918	96,832	96,832	.....	37,106	.....	1,302	.....	837	133
1917	93,408	93,408	.....	35,361	.....	634	.....	414	55
1916	79,563	59,563	.....	30,508	.....	1,201	.....	630	26
Maine:									
1919	1,111,940	1,107,052	13,108	157,414	4,031	54,744	1,303	102	13
1918	1,096,255	1,090,684	15,948	185,418	4,001	61,834	2,912	138	31
1917	1,099,278	1,097,536	12,570	187,150	4,993	61,578	2,611	154	42
1916	1,108,790	1,090,006	12,868	193,534	4,783	62,945	3,278	179	36
Maryland:									
1919	145,208	140,940	.....	65,091	.....	5,160	.....	780	150
1918	153,531	148,863	.....	72,090	.....	9,667	.....	994	240
1917	147,764	146,920	9,000	81,161	14	8,743	1	1,371	156
1916	151,904	147,009	9,000	85,514	11	6,488	1	883	1,177
Massachusetts:									
1919	11,630,397	11,376,303	87,288	1,324,815	84,142	354,528	19,111	6,069	832
1918	11,512,247	11,312,816	81,622	1,459,291	80,118	420,091	16,865	33,822	3,880
1917	11,280,351	11,096,275	85,094	1,459,209	171,779	429,596	31,588	32,285	5,025
1916	11,104,810	10,896,774	61,324	1,462,888	188,591	464,925	54,615	58,960	8,899

[1] Linters consumed and on hand included under "Cotton." Separate statistics not available.

TABLE 17.—SPINDLES, RAW COTTON AND LINTERS CONSUMED, AND STOCKS HELD IN CONSUMING ESTABLISHMENTS: UNITED STATES, 1906 TO 1919, AND BY STATES, 1916 TO 1919—Continued.

STATE AND YEAR.	COTTON SPINDLES.		Spindles consuming cotton mixed with other fibers.	COTTON (EXCLUSIVE OF LINTERS).				LINTERS.	
	Total.	Active.		Consumed (bales).		Stocks in consuming establishments at end of year (bales).		Consumed (bales).	Stocks in consuming establishments at end of year (bales).
				Total.	Foreign.	Total.	Foreign.		
Mississippi:									
1919	155,756	143,874	.....	32,945	.....	4,898	.....	6,443	106
1918	166,932	155,050	.....	36,640	.....	3,248	.....	24,302	2,429
1917	167,604	144,882	.....	38,647	.....	4,369	.....	19,109	1,891
1916	166,984	128,794	.....	35,542	.....	5,528	.....	20,551	1,148
New Hampshire:									
1919	1,444,074	1,433,955	34,782	267,501	12,221	70,451	3,645	.....	.....
1918	1,462,462	1,435,528	33,835	310,478	12,407	109,759	7,841	.....	.....
1917	1,459,853	1,445,760	38,737	317,881	16,425	89,991	5,648	.....	.....
1916	1,465,013	1,455,282	34,540	294,666	12,509	96,908	6,490	.....	.....
New Jersey:									
1919	489,647	480,367	.....	38,007	11,928	11,463	3,925	14,929	2,365
1918	487,755	487,755	.....	49,518	12,863	14,626	4,291	45,449	6,971
1917	491,843	489,817	7,168	54,111	15,325	21,179	8,680	65,881	3,580
1916	482,831	479,873	5,520	62,664	20,074	24,167	14,965	54,488	10,447
New York:									
1919	980,321	976,589	63,575	209,048	2,131	41,661	422	10,768	3,638
1918	983,893	979,509	56,533	240,310	2,076	62,659	640	10,190	4,135
1917	938,158	930,493	60,435	238,081	4,048	62,652	894	8,159	1,529
1916	913,979	906,911	59,740	238,748	3,680	69,962	1,697	18,532	1,264
North Carolina:									
1919	4,789,322	4,770,128	9,312	1,035,717	6,486	184,877	1,285	2,049	3,913
1918	4,591,026	4,570,222	6,380	1,183,275	5,099	182,664	7,080	3,039	1,776
1917	4,375,283	4,368,121	7,244	1,209,670	6,774	184,570	1,188	2,659	268
1916	4,053,206	3,988,098	6,204	1,067,288	6,138	208,941	2,519	6,272	290
Pennsylvania:									
1919	266,003	251,833	77,094	37,180	1,877	10,088	999	14,143	4,414
1918	262,896	245,864	112,298	46,906	2,354	11,928	1,167	31,846	5,971
1917	256,314	249,270	95,307	53,156	4,124	12,429	861	37,030	7,056
1916	256,913	249,053	97,572	49,203	5,459	12,271	1,568	41,448	5,789
Rhode Island:									
1919	2,678,180	2,671,932	1,440	279,297	39,125	91,288	13,130	54,515	29,324
1918	2,683,451	2,675,172	.....	296,913	42,328	120,499	14,431	186,379	17,547
1917	2,653,397	2,641,617	1,440	291,063	55,954	124,801	29,857	190,964	17,131
1916	2,611,553	2,552,765	1,440	279,233	45,219	126,713	37,241	150,624	18,605
South Carolina:									
1919	4,955,765	4,910,205	4,584	764,794	.....	146,792	.....	1,371	722
1918	4,903,840	4,878,396	4,584	888,218	.....	147,833	.....	4,314	723
1917	4,851,161	4,851,161	3,080	962,566	.....	147,200	.....	3,326	508
1916	4,743,193	4,735,193	3,080	914,532	26	152,702	.....	4,706	387
Tennessee:									
1919	373,695	368,539	15,438	92,052	90	21,228	.....	61,572	66,305
1918	367,503	363,699	15,438	104,842	81	22,111	52	36,076	5,264
1917	350,352	349,548	20,927	108,782	72	20,719	40	25,722	2,567
1916	319,148	319,148	17,357	98,707	80	19,613	21	25,566	2,353
Texas:									
1919	140,054	140,054	.....	60,995	.....	11,079	.....	9,305	1,275
1918	132,236	132,236	.....	63,978	.....	9,549	.....	19,411	6,065
1917	128,112	127,888	.....	63,235	48	8,706	.....	16,350	2,677
1916	128,762	116,012	.....	59,181	118	9,586	.....	9,705	908
Vermont:									
1919	141,224	141,224	11,284	11,978	96	4,288	64	.....	.....
1918	135,864	135,864	11,284	12,228	122	5,683	45	.....	.....
1917	135,864	135,864	11,284	13,545	1,052	5,200	119	.....	.....
1916	135,864	135,864	11,224	13,823	901	5,160	294	.....	.....
Virginia:									
1919	580,310	559,490	288	94,264	.....	23,262	.....	169,436	67,514
1918	524,194	522,694	288	97,457	.....	18,401	1	555,957	30,579
1917	528,394	520,894	1,038	110,964	.....	20,381	.....	316,503	30,405
1916	516,166	506,166	1,038	112,396	1	23,518	.....	332,218	20,757
All other states:									
1919	116,798	114,198	44,764	62,377	944	12,397	190	63,050	73,733
1918	111,332	110,832	45,166	64,276	1,551	12,250	559	86,931	34,498
1917	92,672	92,672	39,766	65,031	2,698	15,044	1,163	78,988	22,033
1916	94,756	93,728	31,136	53,497	863	10,847	279	85,716	18,865

Localization of cotton spinning.—The importance of the cotton-spinning industry in certain localities is shown by the following table. This table gives the total number of spindles in each county having more than 100,000 producing cotton spindles, the counties being arranged in the order of their importance in this respect.

TABLE 18.—COUNTIES IN THE UNITED STATES HAVING MORE THAN 100,000 COTTON SPINDLES EACH, ARRANGED IN ORDER OF NUMBER OF SPINDLES: 1919.

COUNTY.	Spindles (number).	COUNTY.	Spindles (number).	COUNTY.	Spindles (number).
Bristol, Mass	7,562,579	Mecklenburg, N. C	283,286	Knox, Tenn	163,116
Providence, R. I	1,736,284	Guilford, N. C	281,640	Kennebec, Me	161,061
Middlesex, Mass	1,107,910	Richland, S. C	244,660	Alamance, N. C	157,280
Hillsborough, N. H	896,014	Madison, Ala	240,824	Lancaster, S. C	151,768
Spartanburg, S. C	846,955	Essex, N. J	232,291	Stanley, N. C	150,600
Windham, Conn	777,102	Greenwood, S. C	230,440	Chester, S. C	146,996
Greenville, S. C	765,442	York, S. C	228,694	Calhoun, Ala	145,800
Worcester, Mass	750,612	Albany, N. Y	226,564	Troup, Ga	138,804
Gaston, N. C	694,504	Pickens, S. C	211,312	Halifax, N. C	131,316
Essex, Mass	683,016	Bristol, R. I	210,360	Cleveland, N. C	127,940
Hampden, Mass	654,188	Fulton, Ga	202,144	Spalding, Ga	123,008
Kent, R. I	590,616	Hampshire, Mass	200,616	Cumberland, Me	122,733
Anderson, S. C	584,542	Rockingham, N. C	196,706	Floyd, Ga	122,292
Berkshire, Mass	535,052	Aiken, S. C	195,736	Talladega, Ala	117,544
New London, Conn	529,803	Laurens, S. C	193,308	Catawba, N. C	116,134
Oneida, N. Y	457,041	Richmond, Ga	192,836	Davidson, N. C	116,020
Androscoggin, Me	419,546	Newberry, S. C	181,048	Rowan, N. C	112,134
York, Me	408,600	Chambers, Ala	178,500	Philadelphia, Pa	111,144
Pittsylvania, Va	372,336	Durham, N. C	173,596	Merrimack, N. H	109,236
Muscogee, Ga	369,284	Rutherford, N. C	172,884	McDowell, N. C	108,216
Cabarrus, N. C	359,474	Richmond, N. C	166,323	Hall, Ga	103,144
Union, S. C	329,568	Cherokee, S. C	165,900	Vance, N. C	101,184
Strafford, N. H	322,580				

In the 67 counties in the United States which had more than 100,000 cotton spindles each, the total number of such spindles was 29,200,186, or 82.4 per cent of the aggregate for the country. Of these counties, 3, with a total of 10,406,773 spindles, or 29.4 per cent of the aggregate for the United States, had more than 1,000,000 spindles each; 12, with 8,307,846, or 23.4 per cent of the aggregate, 500,000 but less than 1,000,000 each; 20, with 5,831,260, or 16.5 per cent of the aggregate, 200,000 but less than 500,000 each; and 32, with 4,654,307, or 13.1 per cent of the aggregate, 100,000 but less than 200,000 each. Of the 67 counties, 17 are in North Carolina, 14 in South Carolina, 7 each in Georgia and Massachusetts, 4 each in Alabama and Maine, 3 each in New Hampshire and Rhode Island, 2 each in Connecticut and New York, and 1 each in New Jersey, Pennsylvania, Tennessee, and Virginia.

Bristol County, Mass., with 7,562,579 cotton spindles, led all other counties, having 65 per cent of the total spindle capacity for Massachusetts, 41.1 per cent of the total for New England, and 21.3 per cent of the total for the United States. The industry was established in this county at an early date, and it has long maintained a leading position. Fall River, the most important city in the United States from a cotton-manufacturing standpoint, is located in this county, as well as the cities of New Bedford and Taunton and a number of towns engaged largely in the manufacture of cotton. Providence County, R. I., with 1,736,284 cotton spindles, held second place, and Middlesex County, Mass., with 1,107,910 cotton spindles, third. In the Southern states, Anderson, Greenville, and Spartanburg Counties, in the western part of South Carolina, and Gaston County, in North Carolina, are the only ones with more than 500,000 cotton spindles each, Spartanburg County having the largest number, 846,955 Muscogee County, Ga., with 369,284 spindles. Pittsylvania County, Va., with 372,336 spindles, Madison County, Ala., with 240,824, and Knox County, Tenn., with 163,116 held first rank in their respective states.

The relative standing of any county in the cotton-manufacturing industry as a whole depends largely upon whether the factories are devoted to spinning only, or to both spinning and weaving. In some counties the mills make a specialty of

spinning yarn which is used elsewhere, while in others practically all the yarn spun is used in the county, and in still others the operations are largely confined to weaving and otherwise using yarns spun elsewhere.

Ring and mule spindles.—Table 19 shows the number of active ring and mule cotton spindles in the United States for selected years from 1889 to 1919, and Table 20 the number, by states, for 1899, 1909, and 1919.

TABLE 19.—NUMBER OF RING AND MULE SPINDLES IN THE UNITED STATES FOR SELECTED YEARS: 1889 TO 1919.

YEAR.	Total.	Ring.	Mule.
1919	34,930,934	31,561,268	3,369,666
1918	34,542,665	31,020,749	3,521,916
1917	33,888,835	30,264,074	3,624,761
1916	32,805,883	29,094,263	3,711,620
1915	31,964,235	28,122,792	3,841,443
1914	32,107,572	28,016,390	4,091,182
1913	31,519,766	27,380,573	4,139,193
1912	30,578,528	26,211,979	4,366,549
1910	29,188,945	24,192,359	4,996,586
1909	28,178,862	23,256,023	4,922,839
1904	23,672,064	18,218,800	5,453,264
1899	19,008,352	13,444,872	5,563,480
1889	14,188,103	8,824,617	5,363,486

TABLE 20.—NUMBER OF ACTIVE RING AND MULE COTTON SPINDLES, BY STATES, FOR SPECIFIED YEARS: 1919, 1909, AND 1899.

STATE.	NUMBER OF ACTIVE COTTON SPINDLES.					
	1919		1909		1899	
	Ring.	Mule.	Ring.	Mule.	Ring.	Mule.
United States	31,561,268	3,369,666	23,256,023	4,922,839	13,444,872	5,563,480
Alabama	1,170,658	3,640	909,587	3,916	403,328	8,000
Connecticut	932,813	402,578	832,830	446,586	607,448	393,126
Georgia	2,451,101	48,230	1,703,071	71,896	730,619	84,926
Illinois	45,838	11,705	23,240	16,000	15,488	16,000
Indiana	81,256	.....	115,152	8,952	86,168	16,320
Kentucky	76,968	16,520	68,124	16,920	48,234	18,399
Louisiana	102,944	.....	63,096	4,806	55,600	.....
Maine	1,064,892	42,160	867,364	161,316	584,573	256,948
Maryland	140,940	.....	133,302	.....	154,064	.....
Massachusetts	9,743,150	1,633,153	7,480,902	2,156,699	5,228,371	2,556,316
Mississippi	143,874	.....	159,104	800	75,122	.....
Missouri	31,336	600	30,304	440	13,654	.....
New Hampshire	1,410,947	23,008	1,169,850	156,050	956,390	287,165
New Jersey	204,355	276,012	107,381	313,403	64,638	367,092
New York	862,981	113,608	547,512	415,329	353,132	367,136
North Carolina	4,736,288	33,840	2,886,458	71,782	1,098,080	35,352
Pennsylvania	155,228	96,605	139,062	139,245	182,190	124,447
Rhode Island	2,037,036	634,896	1,496,434	875,343	940,294	940,328
South Carolina	4,907,745	2,460	3,732,063	28,828	1,420,597	10,752
Tennessee	355,138	13,401	237,530	10,000	103,116	20,780
Texas	140,054	.....	97,628	.....	48,756	.....
Vermont	131,024	10,200	75,872	15,840	56,712	43,316
Virginia	552,440	7,050	316,970	7,572	124,502	2,325
All other states	82,262	.....	63,192	1,116	93,796	14,752

Of the 34,930,934 active cotton spindles in the United States reported for 1919, only 3,369,666, or 9.6 per cent, were mule spindles. This compares with 4,922,839, or 17.5 per cent of the total, in 1909, and 5,563,480, or 29.3 per cent, in 1899. The table shows a continuous decrease not only in the actual number but also and to a

greater degree in the proportion. The tendency to displace mule spindles with frame shows no diminution, as during the past year a number of establishments have followed this practice. Because of the ease with which ring spindles can be operated, manufactures use frames rather than mules whenever it is practicable. In fact, new mules are seldom installed, except when fine filling yarns, soft-twisted knitting yarns, or very coarse yarns made from short-staple cotton or waste are to be spun. Since some yarns requiring special qualities can not be made satisfactorily by the use of ring spindles, there will always be a demand for mule spindles unless difficulties heretofore met with in the use of ring spindles can be overcome.

The use of mule spindles is confined largely to the New England states, which reported 81.5 per cent of the total number for the country in 1919, most of the remainder being in New York and New Jersey, and only 125,741 being returned for the cotton-growing states.

COTTON CONSUMED.

The statistics for cotton consumed, presented in Table 17, cover all establishments which use raw cotton. The figures are expressed in running bales, except that round bales are counted as half bales and that foreign cotton has been reduced to equivalent 500-pound bales. The quantity of cotton consumed in the United States during the year ending July 31, 1919, was 5,765,936 bales, compared with 6,566,489 bales in 1918; 6,788,505 bales in 1917; 6,397,613 bales in 1916; and 5,597,362 bales in 1915. It was the fourth largest amount ever consumed in a single year, being exceeded by each of the three preceding war years. Massachusetts, with 1,324,815 bales, leads all the other states in the quantity of cotton consumed; North Carolina, with 1,035,717 bales, is second; South Carolina, with 764,794 bales, third; and Georgia, with 702,676 bales, fourth. Massachusetts, with 84,142 bales, shows a larger consumption of foreign cotton than any other state, Rhode Island, with 39,125 bales, being second.

Kinds of cotton used.—The statistics as to raw cotton consumed and stocks held in manufacturing establishments for 1916 to 1919, which are presented in Table 17, are shown only as domestic and foreign cotton. In Table 21 the statistics are further segregated, so as to show the consumption of the different kinds and the amount of each kind held in consuming establishments. The table also shows the amount for the group of "Cotton-growing states" and the group of "All other states."

Of the total consumption of cotton in the United States during the year ending July 31, 1919, 5,538,637 bales were upland, 51,183 sea-island, and 176,116 foreign. In the cotton-growing states the consumption was 3,199,027 bales, and in all other states 2,566,909 bales.

Nearly all of the cotton consumed in the United States is domestic upland cotton. The term "upland" is applied to all cotton produced in this country, except sea-island cotton, and includes the long-staple upland varieties, which constitute a larger proportion than formerly. The manufacturers in the cotton-growing states use very little sea-island or foreign cotton, having consumed only 16,942 bales of both kinds combined in 1919, which compares with 51,599 bales in 1917. Nearly one-half of the sea-island cotton consumed in the United States was reported from Massachusetts. Connecticut, Rhode Island, Georgia, North Carolina, and South Carolina follow in the order of quantity used. Establishments engaged in the manufacture of thread and of automobile tires and those which spin yarns designed for these purposes report the largest consumption of this kind of cotton.

A very large proportion of the foreign cotton consumed in the United States is Egyptian. In this country it is used principally for mercerizing and for other processes that give a high finish to cloth; in the manufacture, without dyeing, of balbriggan underwear and lace curtains in which the ecru shade is desired; for automobile tires; and in the manufacture of sewing thread and other similar articles which require a long fiber of great strength. Egyptian cotton is said to be freer from trash

and short fibers than American cotton, and for this reason to yield less waste in combing and carding. Rough Peruvian cotton is used to some extent for mixing with wool in the making of wool textiles, while Chinese and Indian cotton are used to a very limited extent for mixing with the American upland cotton in the manufacture of the cheaper grades of goods.

TABLE 21.—QUANTITY OF THE SEVERAL KINDS OF RAW COTTON CONSUMED AND OF STOCKS HELD IN CONSUMING ESTABLISHMENTS: 1916 TO 1919.

[Quantities are given in running bales, except that round bales are counted as half bales and foreign cotton, in equivalent 500-pound bales. Linters are not included.]

KIND AND LOCALITY.	RAW COTTON CONSUMED DURING YEAR (BALES.)				STOCKS HELD IN CONSUMING ESTABLISHMENTS AT END OF YEAR (BALES).			
	1919	1918	1917	1916	1919	1918	1917	1916
United States	5,765,936	6,566,489	6,788,505	6,397,613	1,303,418	1,465,223	1,501,916	1,632,245
Domestic:								
Upland	[1]5,538,637	6,296,756	6,375,953	5,997,973	[1]1,233,284	1,382,539	1,371,123	1,462,273
Sea-island	51,183	85,939	94,291	82,645	19,486	20,000	36,482	27,454
Foreign:								
Egyptian	126,087	136,401	259,160	269,324	36,858	35,917	75,250	123,406
Peruvian	9,128	8,502	12,800	10,886	4,148	2,167	1,965	1,809
Chinese	33,803	35,637	42,612	32,347	8,191	21,710	15,188	16,147
Other	7,098	3,254	3,689	4,438	1,451	2,890	1,908	1,156
Cotton-growing states	3,199,027	3,697,098	3,888,348	3,527,528	599,151	577,563	609,090	684,654
Domestic:								
Upland	3,182,085	3,670,198	3,836,749	3,488,816	589,451	564,362	594,820	667,787
Sea-island	7,760	13,022	26,724	23,574	6,228	4,677	6,568	5,093
Foreign:								
Egyptian	2,296	8,468	18,022	9,394	2,016	1,407	6,210	9,749
Peruvian	210	.....	.....	1	163	1	.....	.....
Chinese	6,676	5,410	6,805	5,618	1,293	7,116	1,492	2,025
Other	.....	.....	48	125	.....	.....	.....	.....
All other states	2,566,909	2,869,391	2,900,157	2,870,085	704,267	887,660	892,826	947,591
Domestic:								
Upland	2,356,552	2,626,558	2,539,204	2,509,157	643,833	818,177	776,303	794,486
Sea-island	43,423	72,917	67,567	59,071	13,258	15,323	29,914	22,361
Foreign:								
Egyptian	123,791	127,933	241,138	259,930	34,842	34,510	69,040	113,657
Peruvian	8,918	8,502	12,800	10,885	3,985	2,166	1,965	1,809
Chinese	27,127	30,227	35,807	26,729	6,898	14,594	13,696	14,122
Other	7,098	3,254	3,641	4,313	1,451	2,890	1,908	1,156

[1] Includes 21,071 bales of American-Egyptian consumed during the nine months ending July 31 and 13,502 bales held in consuming establishments July 31.

LINTERS CONSUMED.

While formerly the larger part of linters produced in the United States was consumed in the manufacture of mattresses and bedding, practically all of the increased production within the last few years has been consumed in the manufacture of guncotton and smokeless powder. The increased demand for munitions led to action on the part of the Government, practically prohibiting the use of linters in other lines of manufacture. The oil mills cooperated with the Government, and practically all linters produced were turned over to the proper officials for allocation. Accordingly fewer linters were used for mattresses and bedding during the past two years than before. According to Table 17, the quantity of linters consumed in 1919 was 457,901 bales, which compares with 1,118,840 bales in 1918, 869,702 bales in 1917, 880,916 bales in 1916, and 411,845 bales in 1915.

GROWTH OF THE COTTON INDUSTRY.

Table 22 shows the production and consumption of cotton and linters in the United States and the number of active cotton spindles for specified years from 1840 to 1919. These statistics of consumption and active spindles are a measure of the growth of cotton manufacturing. Since 1890 the number of spindles in the United States has more than doubled, while the quantity of cotton and linters consumed in 1918 was slightly more than three times that for 1890.

The most significant fact brought out by this table is the rapid growth of the industry in the cotton-growing states. In 1880 there were only 561,360 active cotton spindles in these states, and the quantity of cotton consumed was 188,748 bales. In 1919, 14,846,239 spindles were operated, and the quantity of cotton and linters consumed in 1918 was 4, 414, 052 bales. Between 1900 and 1918 the consumption in these states almost trebled, while in the New England states it increased 38.4 per cent, and in all other states 42.6 per cent. The consumption in 1900 in the cotton-growing states amounted to 39.3 per cent of the total for the country, compared with 49.3 per cent for the New England states and 11.4 per cent for all other states. For the year ending July 31, 1918, the consumption in the cotton-growing states formed 57.4 per cent of the total for the country; that in the New England states 34.4 per cent; and that in all other states 8.2 per cent. Of the total number of spindles operated during 1919, 42.5 per cent were in the cotton-growing states, 51.7 per cent in the New England states, and 5.8 per cent in all other states.

TABLE 22.—PRODUCTION AND CONSUMPTION OF COTTON AND NUMBER OF ACTIVE COTTON SPINDLES IN THE UNITED STATES, BY SECTIONS, FOR SPECIFIED YEARS: 1840 TO 1919.

[The quantities are given in running bales, except those for production in 1850, 1860, and 1870, which are in equivalent 400-pound bales, and those for consumption from 1840 to 1870, and for foreign cotton, which are in equivalent 500-pound bales. Linters are included.]

YEAR.	Cotton produced (bales).[1]	COTTON CONSUMED (BALES).				ACTIVE COTTON SPINDLES.			
		United States.	Cotton-growing states.	New England states.	All other states.	United States.	Cotton-growing states.	New England states.	All other states.
1919	12,816,716	6,223,837	3,491,008	2,231,574	501,255	34,930,934	14,846,239	18,065,857	2,018,838
1918	12,344,664	7,685,329	4,414,052	2,642,934	628,343	34,542,665	14,529,063	17,984,720	2,028,882
1917	12,664,078	7,658,207	4,335,007	2,654,138	669,062	33,888,835	14,155,758	17,760,968	1,972,109
1916	12,012,813	7,278,529	3,977,130	2,627,150	674,249	32,805,883	13,382,065	17,474,264	1,949,554
1915	16,738,241	6,009,207	3,193,353	2,197,220	618,634	31,964,235	12,955,712	17,100,615	1,907,908
1914	14,613,964	5,884,733	3,023,415	2,251,041	610,277	32,107,572	12,711,303	17,408,372	1,987,897
1913	14,090,863	5,786,330	2,960,518	2,210,813	614,999	31,519,766	12,227,226	17,311,451	1,981,089
1912	16,109,349	5,367,583	2,712,223	2,108,360	547,000	30,578,528	11,582,869	17,139,945	1,855,714
1911	11,965,962	4,704,978	2,328,487	1,911,092	465,399	29,522,597	11,084,623	16,510,981	1,926,993
1910	10,386,209	4,798,953	2,292,333	2,016,386	490,234	28,266,862	10,494,112	15,735,086	2,037,664
1909	13,432,131	5,240,719	2,553,797	2,144,448	542,474	28,018,305	10,429,200	15,591,851	1,997,254
1908	11,325,882	4,539,090	2,187,096	1,894,835	457,159	27,505,422	10,200,903	15,329,333	1,975,186
1907	13,305,265	4,984,936	2,410,993	2,073,355	500,588	26,375,191	9,527,964	14,912,517	1,934,710
1906	10,725,602	4,909,279	2,373,577	2,059,900	475,802	25,250,096	8,994,868	14,407,580	1,847,648
1905	13,697,310	[2]4,278,980	[2]2,140,151	[2]1,753,282	[2]385,547	23,687,495	7,631,331	14,202,971	1,853,193
1900	9,507,786	3,873,165	1,523,168	1,909,498	440,499	19,472,232	4,367,688	13,171,377	1,933,167
1890	7,472,511	2,518,409	538,895	1,502,177	477,337	14,384,180	1,570,288	10,934,297	1,879,595
1880	5,755,359	[3]1,570,344	[3]188,748	[3]1,129,498	[3]252,098	[3]10,653,435	[3]561,360	[3]8,632,087	[3]1,459,988
1870	3,011,996	796,616	68,702	551,250	176,664	7,132,415	327,871	5,498,308	1,306,236
1860	5,387,052	845,410	93,553	567,403	184,454	5,235,727	324,052	3,858,962	1,052,713
1850	2,469,093	575,506	78,140	430,603	66,763	3,998,022	264,571	2,958,536	774,915
1840	2,063,915	236,525	71,000	158,708	6,817	2,284,631	180,927	1,597,394	506,310

[1] Relates to crop of preceding year. [2] Does not include foreign cotton. [3] Cotton mills only.

STOCKS OF COTTON.

The quantity of baled cotton held in the United States on July 31, 1919, as shown in Table 1, was 4,286,785 bales, which compares with 3,450,188 bales in 1918, 2,720,173 bales in 1917, 3,139,709 bales in 1916, 3,936,104 bales in 1915, and 1,365,864 bales in 1914. The amount is considerably more than in 1918 and evidences the difficulty of obtaining transportation facilities. The segregation of stocks shown in this and succeeding tables is based upon the location of the cotton and not upon the ownership or the locality of growth. For instance, cotton in warehouses connected with the mills is classed as in consuming establishments, while cotton in independent warehouses and other public storage places and at compresses comprises all cotton held in such establishments, regardless of its ownership. Statistics of stocks held in consuming establishments at the end of the cotton years are shown in Table 17, by states, for the years 1916 to 1919. The amounts held on July 31 are 1,303,418 bales in 1919, compared with 1,465,223 bales in 1918, 1,501,916 bales in 1917, 1,632,245 bales in 1916, 1,401,185 bales in 1915, and 905,762 bales in 1914.

MONTHLY REPORTS OF COTTON AND LINTERS CONSUMED AND ON HAND AND ACTIVE COTTON SPINDLES.

Table 23 presents statistics of cotton and linters consumed during each month and on hand in consuming establishments and in public storage and at compresses at the end of each month from August, 1915, to July, 1919, inclusive.

The quantity of cotton consumed, shown in Table 23, varies considerably from month to month. Such variations are naturally to be expected. The consumption of no establishment is uniform from week to week or month to month, because of the exigencies of supply and demand, and the shifting of machinery to yarns of different counts. However, these variations in monthly totals are affected somewhat by the number of working-days in the months.

TABLE 23.—COTTON AND LINTERS CONSUMED AND ON HAND IN CONSUMING ESTABLISHMENTS AND IN PUBLIC STORAGE AND AT COMPRESSES, BY MONTHS: AUGUST, 1915, TO JULY, 1919, INCLUSIVE.

[Quantities are given in running bales, except that round bales are counted as half bales and foreign cotton in equivalent 500-pound bales.]

MONTH.	Year.	COTTON.						LINTERS.		
		Consumed.			On hand.			Consumed.	On hand.	
		Total.	In cotton-growing states.	In all other states.	In consuming establishments. In cotton-growing states.	In consuming establishments. In all other states.	In public storage and at compresses.		In consuming establishments.	In public storage and at compresses.
August	1918	534,971	298,356	236,615	395,121	820,711	1,804,500	101,299	153,661	115,698
	1917	569,488	330,669	238,819	389,685	789,487	746,707	78,896	114,300	144,891
	1916	557,780	318,493	239,287	529,988	833,147	971,578	72,118	81,709	75,465
	1915	464,392	248,287	216,105	457,298	708,383	1,712,504	61,561	165,872	70,900
September	1918	489,962	281,727	208,235	450,210	735,571	2,981,228	96,791	160,423	113,496
	1917	522,389	299,294	223,095	297,908	661,244	1,575,786	89,171	100,736	100,398
	1916	528,288	304,392	223,896	601,043	727,325	2,614,365	61,949	72,723	82,426
	1915	498,738	275,494	223,244	500,386	589,725	2,805,184	66,769	104,494	57,141
October	1918	440,354	231,475	208,879	788,139	711,188	3,941,945	97,090	136,479	83,418
	1917	584,946	324,528	260,418	530,058	545,801	3,031,980	100,155	69,743	93,754
	1916	550,655	312,888	237,767	1,024,029	697,961	3,667,840	67,228	67,435	77,207
	1915	500,762	271,584	229,178	788,775	557,054	4,170,543	77,297	98,114	71,634
November	1918	455,611	257,750	197,861	893,677	777,591	4,370,348	63,366	198,186	90,005
	1917	590,427	332,504	257,923	867,082	538,629	3,763,138	80,948	90,937	114,666
	1916	583,044	333,029	250,015	1,348,708	847,794	4,088,797	66,600	93,999	124,745
	1915	514,743	285,470	229,273	953,712	659,929	4,981,939	82,169	99,089	116,787
December	1918	472,908	254,914	217,994	910,143	841,581	4,671,085	10,185	251,398	138,502
	1917	516,498	286,719	229,779	995,053	581,473	3,810,681	75,449	111,447	142,488
	1916	536,675	307,682	228,993	1,390,939	974,626	4,128,822	70,086	106,728	142,950
	1915	555,005	295,528	259,477	1,077,652	775,394	5,195,653	76,932	110,222	149,042
January	1919	556,883	310,234	246,649	814,541	855,842	4,594,228	7,151	284,137	157,897
	1918	523,947	302,098	221,849	1,060,997	594,182	3,609,092	69,817	131,063	172,235
	1917	601,381	349,959	251,422	1,294,230	1,011,808	3,725,790	76,205	110,706	151,613
	1916	542,081	298,088	243,993	1,092,675	882,234	4,534,949	80,941	119,693	163,766
February	1919	433,295	252,844	180,451	712,703	844,951	4,537,411	8,704	278,359	186,910
	1918	510,084	296,366	213,718	1,063,673	632,282	3,399,406	87,961	158,342	200,298
	1917	547,174	312,481	234,693	1,164,463	1,003,380	3,431,150	63,871	107,715	199,371
	1916	540,733	302,262	238,471	1,048,529	936,292	3,970,799	80,526	112,516	186,173
March	1919	433,485	248,269	185,216	669,638	791,249	4,327,905	10,401	277,344	199,887
	1918	571,443	313,264	258,179	1,064,414	656,022	3,250,951	109,267	145,766	255,541
	1917	603,919	342,217	261,702	1,069,886	984,018	2,914,946	72,829	126,569	253,326
	1916	613,754	335,897	277,857	1,033,910	945,854	3,407,169	80,476	106,948	209,992
April	1919	475,875	259,444	216,431	646,186	733,206	3,976,257	11,748	273,748	211,326
	1918	544,125	305,538	238,587	1,016,897	790,891	2,828,126	106,232	154,155	279,973
	1917	552,244	321,797	230,447	1,036,484	996,872	2,503,411	69,999	131,807	259,288
	1916	531,714	298,184	233,530	1,022,584	983,962	2,814,181	71,516	106,452	178,527
May	1919	487,934	271,989	215,945	673,217	718,104	3,416,607	13,715	272,614	213,679
	1918	575,862	317,266	258,596	888,225	905,070	2,404,223	110,543	168,084	276,972
	1917	615,412	351,240	264,172	918,247	980,907	1,951,042	82,746	128,890	255,148
	1916	575,566	324,492	251,074	969,460	1,005,625	2,143,251	73,594	85,962	171,839
June	1919	474,330	258,820	215,510	635,910	727,139	2,765,771	15,083	263,804	207,781
	1918	515,823	285,401	230,422	742,829	930,300	2,116,193	102,496	154,455	285,785
	1917	574,110	327,962	246,148	788,402	955,125	1,402,403	80,338	129,385	232,865
	1916	570,597	316,106	254,491	825,950	1,009,139	1,520,370	68,063	94,543	169,712
July	1919	510,328	273,205	237,123	599,151	704,267	2,208,367	22,368	266,539	227,358
	1918	541,457	303,451	238,006	577,563	887,660	1,734,965	107,905	138,108	236,809
	1917	537,823	306,208	231,615	609,090	892,826	888,257	85,733	112,972	230,687
	1916	489,528	276,136	213,392	684,654	947,591	1,107,464	61,072	100,441	113,106

Prior to September, 1914, there was very little variation in the monthly consumption of linters. Following the outbreak of war there was a very heavy increase, owing to the use of linters in the manufacture of guncotton and smokeless powder. However, with the signing of the armistice in November, 1918, the use of linters for that purpose in the United States almost ceased. There has consequently been a large increase in the stocks of linters held in consuming establishments and in public storage.

Active cotton spindles.—Table 24 shows, for each month since August, 1915, the number of active cotton spindles in the United States, in the cotton-growing states, and in all other states. The inquiries called for the number of cotton spindles operated at any time during the month, and the figures in the table give the totals for the different months. However, it is possible that, in a few instances, the average number of spindles was reported instead of the total number which had been in use-

TABLE 24.—ACTIVE CONSUMING COTTON SPINDLES, BY MONTHS: AUGUST, 1915, TO JULY, 1919.

MONTH.	ACTIVE COTTON SPINDLES (NUMBER).			MONTH.	ACTIVE COTTON SPINDLES (NUMBER).		
	Total.	In cotton-growing states.	In all other states.		Total.	In cotton-growing states.	In all other states.
August:				February:			
1918	33,601,305	14,316,872	19,284,433	1919	33,282,015	14,382,474	18,899,541
1917	33,428,439	14,124,708	19,303,731	1918	33,592,222	14,289,476	19,302,746
1916	32,292,103	13,362,757	18,929,346	1917	33,122,450	13,777,236	19,345,214
1915	31,064,419	12,573,732	18,490,687	1916	31,980,240	13,005,939	18,974,301
September:				March:			
1918	33,488,181	14,307,368	19,180,813	1919	32,654,386	14,305,152	18,349,234
1917	33,535,308	14,140,171	19,395,137	1918	33,790,976	14,310,643	19,489,333
1916	32,340,189	13,361,202	18,978,987	1917	33,270,348	13,876,994	19,393,354
1915	31,300,388	12,778,347	18,522,041	1916	32,028,670	13,057,704	18,970,966
October:				April:			
1918	32,736,584	14,125,562	18,611,022	1919	33,208,670	14,317,196	18,891,474
1917	33,576,048	14,160,305	19,415,743	1918	33,734,997	14,315,602	19,419,395
1916	32,557,717	13,440,937	19,116,780	1917	33,268,615	13,900,301	19,368,314
1915	31,377,569	12,759,677	18,617,892	1916	32,113,441	13,130,626	18,982,815
November:				May:			
1918	33,115,369	14,263,861	18,851,508	1919	33,531,313	14,282,000	19,249,313
1917	33,613,218	14,168,807	19,444,411	1918	33,691,576	14,324,825	19,366,751
1916	32,758,045	13,539,840	19,218,205	1917	33,457,356	14,005,155	19,452,201
1915	31,488,723	12,799,308	18,689,415	1916	32,209,374	13,193,187	19,016,187
December:				June:			
1918	33,657,960	14,389,057	19,268,903	1919	33,950,358	14,541,296	19,409,062
1917	33,644,690	14,192,410	19,452,280	1918	33,675,285	14,248,664	19,426,621
1916	32,863,274	13,638,924	19,224,350	1917	33,447,037	14,021,158	19,425,879
1915	31,745,772	12,917,925	18,827,847	1916	32,261,694	13,245,516	19,016,178
January:				July:			
1919	33,866,228	14,462,127	19,404,101	1919	34,171,690	14,572,627	19,599,063
1918	33,550,338	14,266,039	19,284,299	1918	33,657,892	14,297,826	19,360,066
1917	33,016,893	13,744,317	19,272,576	1917	33,418,233	14,098,244	19,319,989
1916	31,846,658	12,971,961	18,874,697	1916	32,269,579	13,335,581	18,933,998

Cotton consumed during each month, by states.—The following table presents statistics for the monthly consumption of cotton in the United States, in the two divisions of the country, and in each of the important cotton-consuming states from August, 1915, to July, 1919. These statistics permit a closer study of the conditions in the cotton industry in the various states than was possible before the collection and publication of these monthly reports.

TABLE 25.—COTTON CONSUMED DURING EACH MONTH, BY STATES: AUGUST, 1915, TO JULY, 1919.

[Quantities are given in running bales, except that round bales are counted as half bales and foreign cotton in equivalent 500-pound bales. Linters are not included.]

STATE.	COTTON CONSUMED (BALES) DURING—											
	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	July.
United States:												
1918-19	534,971	489,962	440,354	455,611	472,908	556,883	433,295	433,485	475,875	487,934	474,330	510,328
1917-18	569,488	522,389	584,946	590,427	516,498	523,947	510,084	571,443	544,125	575,862	515,823	541,457
1916-17	557,780	528,288	550,655	583,044	536,675	601,381	547,174	603,919	552,244	615,412	574,110	537,823
1915-16	464,392	498,738	500,762	514,743	555,005	542,081	540,733	613,754	531,714	575,566	570,597	489,528
Cotton-growing states:												
1918-19	298,356	281,727	231,475	257,750	254,914	310,234	252,844	248,269	259,444	271,989	258,820	273,205
1917-18	330,669	299,294	324,528	332,504	286,719	302,008	296,366	313,264	305,538	317,266	285,401	303,451
1916-17	318,493	304,392	312,888	333,029	307,682	349,959	312,481	342,217	321,797	351,240	327,962	306,208
1915-16	248,287	275,494	271,584	285,470	295,528	298,088	302,262	335,897	298,184	324,492	316,106	276,136
All other states:												
1918-19	236,615	208,235	208,879	197,861	217,994	246,649	180,451	185,216	216,431	215,945	215,510	237,123
1917-18	238,819	223,095	260,418	257,923	229,779	221,849	213,718	258,179	238,587	258,596	230,422	238,006
1916-17	239,287	223,896	237,767	250,015	228,993	251,422	234,693	261,702	230,447	264,172	246,148	231,615
1915-16	216,105	223,244	229,178	229,273	259,477	243,993	238,471	277,857	233,530	251,074	254,491	213,392
Alabama:												
1918-19	30,624	29,012	24,484	24,971	24,844	31,708	26,076	25,763	26,444	28,228	26,488	28,131
1917-18	36,172	30,066	32,526	34,258	29,339	31,176	29,213	31,090	30,159	32,098	27,584	31,111
1916-17	32,486	30,591	30,385	33,055	30,064	35,897	31,385	33,824	32,777	36,134	33,234	31,124
1915-16	25,630	27,113	26,203	27,148	30,029	28,297	28,794	33,205	28,923	32,561	31,277	27,053
Connecticut:												
1918-19	11,246	9,570	8,693	10,083	10,412	11,876	10,340	9,847	9,656	10,967	10,295	11,041
1917-18	11,659	10,742	12,717	12,582	11,092	11,036	10,203	12,361	11,417	12,368	11,122	10,893
1916-17	12,603	11,428	11,984	12,504	12,033	12,685	11,878	13,138	11,304	12,509	12,380	11,078
1915-16	11,176	11,751	12,680	11,484	13,141	11,236	11,628	13,742	11,245	12,492	12,558	11,448
Georgia:												
1918-19	67,293	63,549	57,290	59,090	58,425	69,481	50,925	51,235	54,968	57,723	54,715	57,982
1917-18	78,483	68,707	75,638	78,071	66,978	70,235	68,576	69,848	70,575	72,358	64,437	70,172
1916-17	75,969	70,740	74,950	78,802	73,638	81,472	71,865	78,065	74,138	80,961	74,404	72,011
1915-16	58,942	62,043	61,438	64,666	65,271	65,861	66,819	75,458	67,160	73,367	72,422	64,342
Maine:												
1918-19	15,249	13,549	15,766	13,119	14,800	15,192	7,310	6,459	10,151	13,911	15,218	16,690
1917-18	15,708	13,793	16,812	15,867	15,399	15,984	15,312	16,150	14,553	16,889	13,613	15,338
1916-17	17,246	13,615	16,468	15,564	14,767	15,974	14,998	17,075	14,849	16,553	14,922	15,119
1915-16	14,867	13,843	16,218	15,807	16,950	16,711	16,603	18,831	15,623	16,792	17,282	14,007
Maryland:												
1918-19	5,103	4,651	4,406	5,069	5,852	6,346	5,662	5,642	5,882	5,646	5,343	5,489
1917-18	6,207	5,600	7,398	6,921	6,277	6,757	5,791	5,352	5,456	5,595	5,259	5,477
1916-17	6,406	6,318	7,062	6,978	6,676	7,302	6,516	7,653	6,801	7,208	6,414	5,827
1915-16	6,786	7,234	6,999	7,101	7,452	7,412	7,661	8,269	6,992	7,411	6,636	5,561
Massachusetts:												
1918-19	122,811	108,262	109,241	101,124	112,933	128,788	91,086	95,238	114,015	107,502	109,694	124,121
1917-18	119,583	114,550	130,218	131,772	115,890	110,994	103,347	132,607	122,522	134,664	118,143	125,001
1916-17	124,256	114,581	118,336	126,059	115,214	124,158	115,503	131,484	114,422	133,248	125,228	116,720
1915-16	111,830	114,516	116,961	119,251	133,860	124,777	118,796	140,528	116,509	127,848	129,354	108,658
New Hampshire:												
1918-19	24,694	21,873	21,088	21,599	22,884	25,152	19,175	19,893	23,071	22,909	22,447	22,716
1817-18	27,637	23,919	27,703	27,225	24,493	23,165	24,165	28,117	25,754	26,901	25,506	25,893
1916-17	23,718	25,142	26,155	28,296	24,836	28,031	26,114	27,272	25,053	29,880	28,025	25,359
1915-16	18,622	22,071	18,675	17,896	26,487	24,776	25,944	30,967	25,923	28,688	30,560	24,057
New Jersey:												
1918-19	3,419	2,977	2,967	2,984	2,989	3,579	2,912	3,269	3,276	3,201	3,221	3,213
1917-18	4,134	3,683	4,712	4,680	3,882	4,224	3,852	4,164	4,444	4,151	4,070	3,522
1916-17	4,076	4,174	4,915	4,579	4,125	5,173	4,393	5,075	4,398	4,793	4,210	4,200
1915-16	4,727	4,793	5,416	5,821	5,600	5,892	5,805	5,840	5,071	4,951	4,857	3,891
New York:												
1918-19	20,321	19,077	17,257	16,609	17,788	18,467	14,561	14,377	16,260	18,223	16,985	19,123
1917-18	18,507	18,653	21,839	20,417	19,181	18,161	19,503	22,534	19,445	20,747	20,269	21,054
1916-17	18,465	17,396	18,887	21,361	19,694	22,035	20,519	21,539	18,591	21,600	19,141	18,853
1915-16	18,596	18,786	20,799	20,606	21,947	20,451	20,253	23,613	19,238	18,995	19,404	16,060
North Carolina:												
1918-19	96,651	92,222	68,460	84,449	79,694	101,070	85,145	80,513	84,092	88,737	84,885	89,799
1917-18	101,166	95,122	102,533	105,338	88,647	95,199	95,965	103,409	99,450	103,330	94,819	98,297
1916-17	91,702	94,250	95,690	103,345	92,788	108,459	99,922	109,944	101,614	110,980	103,339	94,637
1915-16	87,733	81,627	82,785	87,547	88,108	92,427	92,552	102,605	92,404	99,334	97,386	82,780

TABLE 25.—COTTON CONSUMED DURING EACH MONTH, BY STATES: AUGUST, 1915, TO JULY, 1919—Continued.

STATE.	COTTON CONSUMED (BALES) DURING—											
	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	July.
Pennsylvania:												
1918-19	3,470	3,383	2,960	2,950	3,304	3,385	2,818	2,693	2,631	3,000	3,042	3,544
1917-18	4,282	3,882	4,734	4,257	3,875	3,191	3,332	4,019	3,734	4,090	3,658	3,852
1916-17	4,357	3,938	4,504	4,651	4,285	4,547	4,296	4,725	4,573	4,569	4,379	4,332
1915-16	3,754	3,746	3,880	4,332	4,559	4,146	4,202	4,471	3,675	4,253	4,264	3,921
Rhode Island:												
1918-19	23,857	20,735	21,932	20,521	22,460	28,184	21,306	22,208	25,608	24,606	23,127	24,753
1917-18	24,385	21,974	27,124	27,328	23,831	23,191	23,039	26,599	25,822	27,683	23,912	22,025
1916-17	23,069	22,565	24,210	24,884	22,505	26,036	24,039	26,592	23,984	23,483	24,213	22,483
1915-16	21,232	21,730	22,670	22,184	24,510	23,625	22,618	26,093	24,147	24,340	24,593	21,491
South Carolina:												
1918-19	71,078	66,058	53,174	59,688	63,564	73,425	62,047	62,051	62,901	63,901	62,449	64,458
1917-18	79,783	72,821	78,983	80,754	71,397	71,770	70,691	75,183	72,678	74,763	67,884	71,511
1916-17	79,785	75,401	77,552	82,385	78,931	86,301	76,243	83,304	79,246	85,352	82,928	75,138
1915-16	64,819	73,834	69,209	73,672	79,532	77,700	79,688	87,112	76,242	83,025	79,753	69,946
Tennessee:												
1918-19	8,546	7,779	7,403	7,359	7,275	8,601	6,475	6,624	7,713	8,181	7,691	8,405
1917-18	9,351	8,494	9,701	9,056	8,261	9,332	8,443	8,576	8,634	9,051	7,674	8,259
1916-17	9,212	8,541	8,745	9,211	8,401	9,838	8,703	9,653	9,123	10,187	8,555	8,613
1915-16	7,404	7,440	7,856	7,927	8,167	8,084	8,443	9,310	8,218	9,130	8,539	8,189
Virginia:												
1918-19	7,018	7,467	6,961	7,389	7,022	8,881	7,676	8,047	8,119	8,869	8,028	8,796
1917-18	8,928	8,171	8,752	8,606	7,163	8,392	7,952	8,183	7,502	8,691	7,421	7,696
1916-17	9,769	9,361	9,556	9,816	8,404	10,470	8,508	9,506	8,386	9,789	8,957	8,442
1915-16	9,033	8,853	9,040	9,322	8,788	9,881	10,115	10,262	9,047	9,766	9,757	8,532
All other states:												
1918-19	23,591	19,798	18,272	18,607	18,662	22,748	19,781	19,626	21,088	22,339	20,702	22,067
1917-18	23,493	22,212	23,556	23,295	20,793	21,140	20,700	23,251	21,980	22,483	20,452	21,356
1916-17	21,661	20,247	21,256	21,554	20,314	23,093	22,292	25,070	22,985	25,166	23,781	23,887
1915-16	19,241	19,358	19,933	19,979	20,604	20,805	20,812	23,448	21,297	22,613	21,955	19,592

The total quantities of foreign cotton consumed during the several months are given in Table 26 for the United States, for the cotton-growing states, and for all other states separately, with the total stocks on hand in consuming establishments and in public storage at the close of each month. Also the quantities of Egyptian cotton consumed, held in consuming establishments, and in public storage, included in the several totals are shown separately.

TABLE 26.—FOREIGN COTTON CONSUMED AND ON HAND IN CONSUMING ESTABLISHMENTS AND IN PUBLIC STORAGE, BY MONTHS: AUGUST, 1915, TO JULY, 1919.

MONTH.	Year.	FOREIGN COTTON (EQUIVALENT 500-POUND BALES).							
		Consumed.				On hand—			
						In consuming establishments.		In public storage.	
		United States.	Cotton-growing states.	All other states.	Egyptian included.	Total.	Egyptian included.	Total.	Egyptian included.
August	1918	11,405	760	10,645	7,895	78,419	53,437	47,864	31,059
	1917	21,627	1,501	20,126	17,175	86,481	67,245	39,269	31,477
	1916	25,401	1,985	23,416	21,246	137,758	115,936	61,018	51,320
	1915	22,040	990	21,050	18,853	105,050	91,258	34,201	23,950
September	1918	10,551	540	10,011	7,470	69,088	49,824	47,066	29,377
	1917	17,928	1,479	16,449	13,433	81,419	59,955	39,031	28,951
	1916	24,797	1,850	22,947	20,404	129,259	107,484	56,057	45,778
	1915	24,014	1,176	22,838	20,484	97,023	82,677	29,259	22,279
October	1918	10,218	467	9,751	7,289	69,705	46,628	42,671	26,645
	1917	18,991	1,705	17,286	14,895	72,850	51,278	29,056	19,073
	1916	28,340	2,353	25,987	23,144	113,589	92,671	48,213	39,002
	1915	25,264	1,241	24,023	22,144	88,529	71,855	24,730	18,749
November	1918	10,604	377	10,227	7,182	57,855	37,030	41,990	26,283
	1917	18,946	1,700	17,246	14,745	59,869	39,872	22,557	13,372
	1916	29,069	2,523	26,546	24,060	99,806	80,733	37,106	28,166
	1915	27,037	1,377	25,660	23,870	83,877	65,534	24,012	15,524
December	1918	14,152	455	13,697	10,331	64,698	45,227	38,198	22,505
	1917	15,374	1,233	14,141	11,751	54,472	33,770	19,241	11,064
	1916	25,636	2,334	23,302	21,034	86,473	68,638	34,478	23,763
	1915	29,879	1,268	28,611	25,963	74,611	58,810	22,243	15,338
January	1919	17,447	765	16,682	12,889	59,174	41,398	30,041	17,168
	1918	14,656	981	13,675	11,194	43,651	27,315	25,602	17,256
	1917	30,818	2,045	28,773	24,622	92,757	71,373	41,346	29,289
	1916	29,107	1,112	27,995	24,793	83,329	67,318	24,438	18,050
February	1919	15,465	658	14,807	11,108	51,048	34,533	25,690	14,197
	1918	13,618	951	12,667	10,407	43,706	28,842	26,918	16,211
	1917	26,448	1,947	24,501	21,336	94,334	76,790	45,645	36,527
	1916	26,804	1,100	25,704	23,008	99,484	81,311	47,183	40,455
March	1919	15,708	757	14,951	11,217	44,256	28,409	21,390	11,332
	1918	14,492	905	13,587	10,618	37,502	24,376	20,213	9,544
	1917	28,928	2,232	26,696	23,210	94,787	78,347	55,773	43,777
	1916	31,750	1,398	30,352	27,074	108,388	91,397	43,820	37,291
April	1919	18,210	1,058	17,152	13,513	44,330	29,304	21,330	11,409
	1918	11,842	929	10,913	8,047	45,857	29,115	24,959	12,471
	1917	24,455	1,792	22,663	20,086	101,747	86,294	57,256	49,490
	1916	24,400	1,092	23,308	20,330	120,304	104,778	44,305	40,085
May	1919	16,372	1,035	15,337	11,376	49,832	36,100	27,217	16,182
	1918	13,375	944	12,431	9,187	51,793	30,569	35,098	21,261
	1917	27,915	2,187	25,728	22,760	100,019	82,457	51,200	44,116
	1916	26,563	1,322	25,241	21,658	136,554	120,898	54,041	47,285
June	1919	16,948	1,088	15,860	12,413	50,574	37,180	30,465	16,797
	1918	11,460	756	10,704	7,634	57,823	32,599	48,493	33,385
	1917	24,507	2,014	22,493	19,680	102,368	83,250	56,446	49,894
	1916	26,963	1,442	25,521	22,350	142,180	123,565	55,004	45,105
July	1919	19,036	1,222	17,814	13,404	50,648	36,858	32,544	15,899
	1918	11,485	794	10,691	7,315	62,684	35,917	48,213	31,361
	1917	21,947	1,613	20,334	17,579	94,311	75,250	49,680	42,663
	1916	23,174	1,620	21,554	18,797	142,518	123,406	69,694	59,202

Cotton stocks on specified dates.—The following table distributes, by states, the cotton on hand in consuming establishments and in public storage and at compresses at the close of each month during the year ending July 31, 1919. The amounts shown in the table do not include cotton in transit and in private warehouses or cotton in the hands of buyers, merchants, and producers.

TABLE 27.—COTTON ON HAND IN CONSUMING ESTABLISHMENTS AND IN PUBLIC STORAGE AND AT COMPRESSES AT THE CLOSE OF EACH MONTH, BY STATES: AUGUST, 1918, TO JULY, 1919.

[Quantities are given in running bales, except that round bales are counted as half bales and foreign cotton in equivalent 500-pound bales. Linters are not included.]

STATE AND CLASS OF HOLDER.	COTTON ON HAND (BALES).				
	1918				
	Aug. 31.	Sept. 30.	Oct. 31.	Nov. 30.	Dec. 31.
In consuming establishments, total	1,215,832	1,185,781	1,499,327	1,671,268	1,751,724
In cotton-growing states	395,121	450,210	788,139	893,677	910,143
In all other states	820,711	735,571	711,188	777,591	841,581
In public storage and at compresses, total	1,804,500	2,981,228	3,941,945	4,370,348	4,671,085
In cotton-growing states	1,506,872	2,716,783	3,691,655	4,085,881	4,366,222
In all other states	297,628	264,445	250,290	284,467	304,863
Alabama:					
In consuming establishments	37,625	45,157	69,647	74,852	77,888
In public storage and at compresses	48,576	161,328	220,329	245,910	257,213
Arkansas:					
In consuming establishments	596	854	652	385	847
In public storage and at compresses	40,776	104,639	199,701	239,863	276,038
Connecticut:					
In consuming establishments	56,061	48,945	49,252	56,872	64,200
Georgia:					
In consuming establishments	78,128	99,478	173,419	196,694	207,100
In public storage and at compresses	270,419	568,476	835,985	916,002	979,614
Louisiana:					
In consuming establishments	1,287	1,369	1,230	1,156	1,491
In public storage and at compresses	200,386	255,924	304,323	379,126	408,302
Maine:					
In consuming establishments	52,698	43,959	41,469	52,875	62,604
Massachusetts:					
In consuming establishments	395,350	354,791	351,508	394,481	415,873
In public storage and at compresses	192,572	170,229	156,135	174,439	189,717
Mississippi:					
In consuming establishments	2,092	4,259	6,752	7,962	7,669
In public storage and at compresses	80,721	207,305	313,786	320,008	385,560
New Hampshire:					
In consuming establishments	96,268	89,603	81,005	79,268	74,633
New Jersey:[1]					
In consuming establishments	15,842	14,754	14,290	14,051	15,123
New York:					
In consuming establishments	49,041	42,770	45,158	56,589	63,890
In public storage and at compresses	75,061	69,258	67,474	73,363	71,977
North Carolina:					
In consuming establishments	132,371	140,969	254,942	295,030	297,585
In public storage and at compresses	48,017	51,819	82,892	109,494	128,138
Oklahoma:					
In consuming establishments	950	567	293	1,239	2,902
In public storage and at compresses	26,095	94,370	148,530	158,482	160,462
Pennsylvania:					
In consuming establishments	10,138	8,452	7,974	9,672	10,238
In public storage and at compresses	4,738	5,187	3,234	4,139	5,015
Rhode Island:[1]					
In consuming establishments	120,115	110,954	97,897	90,897	112,492
South Carolina:					
In consuming establishments	100,249	112,905	207,935	232,234	231,264
In public storage and at compresses	89,700	123,284	202,536	251,423	291,049
Tennessee:					
In consuming establishments	15,230	18,572	28,269	34,357	34,420
In public storage and at compresses	142,698	168,527	231,203	286,962	340,287
Texas:					
In consuming establishments	5,862	6,445	14,608	14,882	14,182
In public storage and at compresses	501,625	921,803	1,047,875	1,064,577	1,010,727
Virginia:					
In consuming establishments	12,529	12,156	22,928	25,801	26,937
In public storage and at compresses	43,683	42,210	63,946	68,431	79,361
All other states:					
In consuming establishments	33,400	28,822	30,099	31,971	30,386
In public storage and at compresses	39,433	36,869	63,496	78,129	87,625

[1] Warehouse stocks included in "All other states."

TABLE 27.—COTTON ON HAND IN CONSUMING ESTABLISHMENTS AND IN PUBLIC STORAGE AND AT COMPRESSES AT THE CLOSE OF EACH MONTH, BY STATES: AUGUST, 1918, TO JULY, 1919—Continued.

[Quantities are given in running bales, except that round bales are counted as half bales and foreign cotton in equivalent 500-pound bales. Linters are not included.]

STATE AND CLASS OF HOLDER.	COTTON ON HAND (BALES).						
	1919						
	Jan. 31.	Feb. 28.	Mar. 31.	Apr. 30.	May 31.	June 30.	July 31.
In consuming establishments, total	1,670,383	1,557,654	1,460,887	1,379,392	1,391,321	1,363,049	1,303,418
In cotton-growing states	814,541	712,703	669,638	646,186	673,217	635,910	599,151
In all other states	855,842	844,951	791,249	733,206	718,104	727,139	704,267
In public storage and at compresses, total	4,594,228	4,537,411	4,327,905	3,976,257	3,416,607	2,765,771	2,208,367
In cotton-growing states	4,261,316	4,197,691	4,007,156	3,677,248	3,148,283	2,511,356	1,980,185
In all other states	332,912	339,720	320,749	299,009	268,324	254,415	228,182
Alabama:							
In consuming establishments	74,007	66,283	63,471	66,171	63,207	59,617	57,242
In public storage and at compresses	247,890	246,732	232,164	220,327	193,613	145,503	116,612
Arkansas:							
In consuming establishments	737	460	366	470	165	632	690
In public storage and at compresses	254,399	244,083	236,610	215,345	173,102	105,225	61,737
Connecticut:							
In consuming establishments	68,388	67,992	64,968	60,488	59,267	54,288	50,417
Georgia:							
In consuming establishments	184,523	165,550	159,223	147,919	150,930	140,216	136,158
In public storage and at compresses	960,433	929,611	904,534	863,158	782,921	685,980	571,000
Louisiana:							
In consuming establishments	992	1,222	981	846	1,092	950	1,089
In public storage and at compresses	440,227	452,471	467,437	429,112	373,075	320,168	293,760
Maine:							
In consuming establishments	67,598	72,720	75,891	71,622	64,494	58,945	54,744
Massachusetts:							
In consuming establishments	411,317	404,301	373,317	348,288	357,615	368,158	354,528
In public storage and at compresses	185,274	184,817	173,307	165,547	155,549	150,871	132,831
Mississippi:							
In consuming establishments	6,721	5,643	4,947	4,672	5,127	4,872	4,898
In public storage and at compresses	356,140	334,836	325,410	282,698	209,938	121,727	84,950
New Hampshire:							
In consuming establishments	79,501	81,021	74,199	64,764	60,722	64,401	70,451
New Jersey:[1]							
In consuming establishments	13,519	11,569	9,834	10,049	10,583	11,037	11,463
New York:							
In consuming establishments	66,698	62,422	56,112	51,287	46,284	46,169	41,661
In public storage and at compresses	86,768	88,105	80,513	69,121	69,955	69,354	67,555
North Carolina:							
In consuming establishments	261,604	224,133	209,262	197,173	202,567	194,185	184,877
In public storage and at compresses	132,641	117,702	119,082	124,194	103,785	94,174	92,719
Oklahoma:							
In consuming establishments	2,444	2,337	1,921	1,463	1,229	951	797
In public storage and at compresses	139,826	107,147	86,845	63,495	43,457	24,248	10,508
Pennsylvania:							
In consuming establishments	10,487	11,057	11,410	9,942	10,004	10,688	10,088
In public storage and at compresses	4,257	4,279	4,099	4,149	4,619	3,758	0,172
Rhode Island:[1]							
In consuming establishments	119,378	115,929	109,855	101,387	93,266	95,244	91,288
South Carolina:							
In consuming establishments	210,264	181,344	164,087	161,374	175,964	165,316	146,792
In public storage and at compresses	305,157	312,337	307,587	293,252	267,775	233,164	198,130
Tennessee:							
In consuming establishments	31,347	29,694	28,367	25,193	24,709	21,186	21,228
In public storage and at compresses	342,797	360,642	354,623	314,899	268,490	204,299	139,183
Texas:							
In consuming establishments	11,991	11,469	13,774	12,865	14,155	12,586	11,079
In public storage and at compresses	943,712	953,522	824,618	732,138	617,134	479,895	314,705
Virginia:							
In consuming establishments	23,267	18,499	17,780	20,535	24,468	23,951	23,262
In public storage and at compresses	91,473	95,419	112,010	110,810	98,888	79,655	71,643
All other states:							
In consuming establishments	25,600	24,009	21,122	22,884	25,473	29,657	30,666
In public storage and at compresses	103,234	105,708	99,066	88,012	54,306	47,750	46,862

[1] Warehouse stocks included in "All other states."

IMPORTS AND EXPORTS OF COTTON.

IMPORTS.

Practically the entire quantity of cotton consumed in the United States is produced in the country, only small quantities for special purposes being imported. Foreign cotton imported into the United States is frequently reshipped at intermediate points, and, in some instances, is counted as imported from the country of reshipment. There has been a demand for information regarding the country of origin, and the Bureau of Foreign and Domestic Commerce has accordingly arranged to furnish this information. Table 28, page 62, shows the monthly imports of cotton, by countries of production, from August 1914, to July 1919, inclusive:

The total quantity of cotton imported into the United States during the year ending July 31, 1919, amounted to 201,586 equivalent bales of 500 pounds each. During the year 4,385 bales of foreign cotton were reexported, making the net imports 197,201 bales.

Nearly all of the imported cotton consumed in this country is Egyptian, which is used largely for mercerizing and in the manufacture of thread, knit goods, lace, and automobile tires. During the past year 54,434 bales of Mexican cotton were imported. As this cotton has practically the same characteristics as American cotton, much of it lost its Mexican identity and was included in the reports of consumption and of exports as domestic cotton. At a number of border points, Mexican seed cotton is brought into the United States for ginning. The quantity of this cotton aggregated more than 20,000 bales during the season of 1918–19, nearly all of it being produced in the Imperial Valley in Lower California. In addition, more than 13,000 bales were ginned in the Mexican portion of the Imperial Valley and all of this cotton reached the United States before being marketed.

The importation of Chinese cotton during the year amounted to 10,871 bales. This cotton is distinctly of a lower grade than the average American and is used, to some extent, for mixing with the higher priced domestic cotton. During the year 25,230 bales of Peruvian cotton were imported. This was largely "Rough Peruvian," which is found very desirable for mixing with wool in the manufacture of woolen goods. Smaller amounts of cotton were also imported from a number of other countries, among which are Santo Domingo and Haiti.

EXPORTS.

The yearly exports of domestic raw cotton and linters, by customs districts, are shown in Table 29, for the past eight years. The total for the year ending July 31, 1919, amounted to 5,663,920 bales, being the smallest for any year shown in the table except 1918 and little more than one-half the quantity exported in 1912. Galveston, with a total of 1,604,652 bales, ranked first among the customs districts in 1919, followed by New Orleans, with 1,290,189 bales; Georgia, with 870,296 bales; New York, with 657,450 bales, and Washington, with 606,190 bales.

TABLE 28.—TOTAL IMPORTS OF COTTON, BY COUNTRIES OF PRODUCTION, FOR EACH MONTH FROM AUGUST, 1914, TO JULY, 1919, INCLUSIVE.

MONTH.	Year.	IMPORTS OF FOREIGN COTTON (EQUIVALENT 500-POUND BALES).						
		Total.	Produced in—					
			Egypt.	China.	Peru.	India.	Mexico.	All other countries.
August	1918	8,004	6,312	458	335	140	5	754
	1917	11,260	1,147	4,508	3,259	895	.....	1,451
	1916	7,482	2,234	2,540	1,366	791	.....	551
	1915	18,990	13,176	917	334	1,851	2,368	344
	1914	27,087	4,329	1,986	559	1,151	19,062	.....
September	1918	2,313	.....	164	479	287	570	813
	1917	14,533	9,934	1,084	2,541	709	11	254
	1916	7,927	3,153	1,676	1,008	327	1,755	8
	1915	26,197	16,505	5,074	9	1,262	2,581	766
	1914	15,315	8,912	1,201	516	211	4,405	70
October	1918	4,277	.....	.....	147	158	3,294	678
	1917	3,682	.....	240	965	304	2,081	92
	1916	7,836	51	781	594	318	5,336	756
	1915	13,506	6,757	1,718	617	368	3,893	153
	1914	12,150	6,464	1,031	302	353	3,845	155
November	1918	26,901	15,158	.....	1	.....	10,318	1,424
	1917	7,038	.....	162	1,040	70	5,510	256
	1916	13,200	5,636	167	934	.....	6,420	43
	1915	21,168	15,858	243	643	135	4,233	56
	1914	13,454	7,360	1,336	981	.....	3,686	91
December	1918	13,748	2,074	161	424	.....	10,301	788
	1917	14,579	.....	934	4,456	2,371	6,626	192
	1916	34,339	22,416	1,903	1,929	1,181	6,694	216
	1915	43,724	37,602	650	719	.....	4,511	242
	1914	32,293	25,526	731	765	130	5,120	21
January	1919	11,194	.....	739	289	.....	9,555	611
	1918	36,198	18,850	6,219	1,307	344	9,291	187
	1917	38,463	27,167	4,940	1,824	218	4,009	305
	1916	57,552	47,914	2,207	3,745	.....	3,143	543
	1915	39,229	30,951	2,150	1,415	.....	4,713	.....
February	1919	9,640	.....	2,365	291	.....	6,796	188
	1918	13,676	1,097	4,877	1,340	.....	6,267	95
	1917	56,058	46,344	6,256	269	.....	3,124	65
	1916	72,913	64,309	4,596	676	.....	3,080	252
	1915	28,727	18,697	1,497	971	773	6,771	18
March	1919	15,561	583	1,596	1,123	.....	11,689	570
	1918	14,261	.....	8,886	834	.....	4,234	307
	1917	47,679	39,783	3,141	979	.....	3,458	318
	1916	60,005	55,783	293	581	.....	3,004	344
	1915	38,534	31,551	2,426	1,264	158	3,135	.....
April	1919	36,463	30,523	409	3,336	375	1,651	169
	1918	21,158	13,222	5,398	547	160	1,558	273
	1917	29,968	23,473	3,613	171	.....	1,668	1,043
	1916	67,478	55,245	8,737	897	.....	1,986	613
	1915	54,479	46,285	1,932	1,078	339	4,845	.....
May	1919	36,812	21,247	2,917	11,023	414	255	956
	1918	29,635	23,748	3,035	1,678	343	148	683
	1917	12,387	6,595	3,899	724	.....	394	775
	1916	32,602	25,448	5,701	24	76	1,044	309
	1915	46,173	28,309	4,189	1,000	532	12,085	58
June	1919	17,269	8,535	821	6,276	593	.....	1,044
	1918	30,194	26,335	1,851	355	631	.....	1,022
	1917	26,181	22,307	385	753	558	.....	2,178
	1916	15,803	9,079	3,495	1,443	.....	255	1,531
	1915	39,178	20,154	4,235	1,314	2,641	10,728	106
July	1919	19,403	15,574	1,241	1,506	926	.....	156
	1918	25,002	20,247	1,770	1,370	1,269	.....	346
	1917	10,437	733	6,762	518	467	.....	1,957
	1916	7,636	3,120	2,161	1,221	522	.....	612
	1915	35,667	23,835	2,917	188	1,557	6,785	385

TABLE 29.—EXPORTS OF DOMESTIC RAW COTTON AND LINTERS FROM THE UNITED STATES, BY CUSTOMS DISTRICTS: 1912 TO 1919.

[Compiled by the Bureau of Foreign and Domestic Commerce, Department of Commerce. The statistics for 1915 to 1919 relate to the 12 months ending July 31, and those for prior years to the 12 months ending Aug. 31.]

CUSTOMS DISTRICT.	EXPORTS OF DOMESTIC COTTON AND LINTERS (RUNNING BALES).							
	1919	1918	1917	1916	1915	1914	1913	1912
Total	5,663,920	4,476,124	5,739,009	6,191,110	8,544,563	8,914,839	8,800,966	10,681,758
Maine and New Hampshire	5,339	4,838	10,308	10,807	6,398	2,643	7,950	12,280
Massachusetts	38,614	171,531	165,843	100,755	111,170	94,454	159,589	186,779
New York	657,450	881,610	811,613	738,558	482,195	359,421	615,418	655,078
Philadelphia	23,299	29,725	42,617	26,219	34,906	58,906	62,264	90,482
Maryland	14,055	83,667	177,155	167,978	61,066	173,167	84,512	130,466
Virginia	60,816	101,983	114,336	82,123	74,549	136,363	73,070	21,666
North Carolina	63,830	58,069	74,036	170,557	203,294	353,273	317,831	502,426
South Carolina	14,792	.....	19,207	85,128	260,819	305,338	228,482	249,864
Georgia	870,296	625,745	554,084	568,741	1,469,456	1,513,039	1,048,006	2,158,827
Florida	9,922	31,128	36,776	65,107	81,739	164,124	125,099	216,424
Mobile	89,047	79,276	75,963	81,513	95,611	369,613	143,147	357,110
New Orleans	1,290,189	743,083	1,025,775	1,251,924	1,545,415	1,705,559	1,350,336	1,600,627
Sabine	.....	8,102	40,667	48,337	51,729	32,808	138,642	199,887
Galveston	1,604,652	785,389	1,833,381	1,962,824	3,433,241	3,214,567	3,884,735	3,700,237
San Antonio	.....	2,907	1,850	23,695	618	35,728	59,713	4,782
Arizona	430	260	.....	.....	.....	298	325	700
San Francisco	127,475	169,517	182,904	192,462	194,020	179,255	262,917	211,778
Oregon	.....	.....	.....	.....	.....	.....	3,716	.....
Washington	606,190	444,717	391,951	431,945	257,363	76,198	104,506	213,825
Idaho	.....	4	.....	.....	.....	.....	.....	.....
Dakota	818	767	1,217	3,919	2,382	533	520	4
Minnesota	.....	.....	.....	.....	.....	.....	908	753
Duluth and Superior	.....	558	.....	.....	40	104	50	.....
Chicago	.....	.....	.....	879	.....	.....	.....	.....
Michigan	124,777	168,036	116,331	101,926	98,698	100,333	91,021	122,472
Ohio	.....	.....	.....	.....	50	.....	.....	350
Buffalo	11,731	10,839	16,816	9,305	9,002	11,879	8,049	5,462
St. Lawrence	14,574	19,038	10,335	15,164	11,640	7,190	8,037	16,024
Vermont	35,516	45,331	35,840	49,334	54,624	19,755	22,062	23,324
Porto Rico	.....	.....	.....	46	27	273	61	131
Hawaii	8	4	4	9	11	18	.....	.....
Southern California	100	.....	.....	1,855	4,500	.....	.....	.....

Net receipts of cotton, by ports.—The term "net receipts of cotton," as here employed, means the amount of domestic cotton received which has not been transshipped from some other port and already included in the latter's receipts. These statistics must not be confused with those of exports. They include large quantities of cotton carried in the coastwise trade to New England and other Northern states and consumed in this country, as well as cotton carried to other ports and then exported. The statistics of such net receipts for the principal cotton-handling ports are presented in Table 30.

The three most important cotton ports, in the order of net receipts, are Galveston, New Orleans, and Savannah, and their net receipts during the year ending July 31, 1919, amounted to 4,719,154 bales, or 36.8 per cent of the total quantity of cotton and linters produced in the country from the crop of 1918.

Exports of cotton, by countries to which exported.—The annual exports of domestic raw cotton from 1821 to 1919, by countries, and the total value for each year are shown in Table 31. The quantities in this table are expressed in equivalent 500-pound bales and cover the fiscal year, while those in Table 29 are in running bales and relate to the cotton year.

Table 31 shows the export trade in raw cotton to the several countries. The total quantity exported during the year ending June 30, 1919, amounted to 5,525,893 bales of 500 pounds each, valued at $873,579,669. Of this cotton, 2,494,009 bales, or 45.1 per cent, were exported to the United Kingdom, 773,744 bales to France, 809,313 bales to Japan, and 557,549 bales to Italy. No cotton was exported to Germany, which, during the fiscal year 1914, took 2,884,324 bales, or 30.3 per cent of the total

for that year. This marked change was due to the European war, which also affected the exports to other countries, Italy, Spain, Netherlands, and other European countries all showing large gains when compared with antewar conditions.

The marked variations from year to year in the quantities of cotton exported to Japan may be attributed, in part, to irregularity in the supply of Indian cotton, upon which the Japanese mills chiefly rely for their raw material. The exports to "All other countries" include cotton to India and to China, in which countries American cotton is used, to some extent, for mixing with the short-fiber native cotton and in the manufacture of goods requiring a long-staple cotton.

TABLE 30.—NET RECEIPTS OF RAW COTTON AT PRINCIPAL COTTON PORTS, FOR SPECIFIED YEARS: 1875 TO 1919.

[Compiled from reports of New Orleans Cotton Exchange. The statistics for 1915 to 1918 relate to the 12 months ending July 31, and those for prior years to the 12 months ending Aug. 31.]

PORT.	NET RECEIPTS OF COTTON (RUNNING BALES).							
	1919	1918	1917	1916	1915	1914	1913	1912
Galveston	1,933,092	1,621,886	2,640,931	2,424,667	4,001,710	3,365,460	4,035,114	3,727,958
Port Arthur and Texas City	124,276	80,728	278,829	358,150	560,103	513,439	805,313	786,355
New Orleans	1,635,444	1,664,267	1,541,110	1,414,215	1,810,184	1,890,758	1,436,959	1,662,698
Mobile	155,516	107,290	113,317	163,365	166,997	431,918	230,699	384,239
Pensacola	4,038	15,024	36,789	70,737	87,236	165,806	125,633	216,114
Brunswick	186,114	158,791	154,337	141,229	215,504	285,173	240,500	425,462
Savannah	1,150,618	1,140,591	908,113	1,042,840	1,762,418	1,822,370	1,306,864	2,386,302
Charleston	217,226	203,879	174,263	264,877	405,504	423,920	310,293	416,013
Wilmington	151,882	98,913	87,759	221,180	279,097	399,023	342,953	548,122
Norfolk and Newport News	304,012	299,882	557,187	780,958	829,683	744,419	722,803	862,217
Baltimore	23,157	80,014	127,598	75,234	83,114	103,810	84,661	125,893
Philadelphia	8,065	24,752	25,786	8,266	11,134	5,491	8,326	3,972
New York	12,970	149,970	37,946	34,375	30,022	6,732	15,326	6,961
Boston	30,175	112,367	103,176	89,281	88,043	21,578	46,222	63,112
San Francisco [1]	127,233	158,890	176,124	191,311	189,561	177,048	257,220	194,995
Seattle and Tacoma [1]	608,935	416,978	343,069	444,307	277,269	78,271	107,015	214,219

PORT.	NET RECEIPTS OF COTTON (RUNNING BALES).							
	1910	1905	1900	1895	1890	1885	1880	1875
Galveston	2,501,412	2,879,336	1,710,263	1,659,999	860,112	463,463	480,352	354,927
Port Arthur and Texas City	163,778	(2)	(2)	(2)	(2)	(2)	(2)	(2)
New Orleans	1,315,328	2,689,520	1,867,153	2,584,115	1,973,571	1,529,592	1,504,654	993,481
Mobile	255,665	329,556	[3] 340,646	253,187	261,957	237,071	358,971	320,822
Pensacola	138,234	195,151	(4)	(2)	(2)	(2)	(2)	(2)
Brunswick	227,301	199,193	94,278	(2)	(2)	(2)	(2)	(2)
Savannah	1,365,825	1,877,343	1,088,807	944,410	956,517	728,087	741,018	606,727
Charleston	228,728	225,366	265,523	425,487	327,079	507,802	464,332	412,931
Wilmington	312,511	375,383	282,360	234,621	134,916	94,054	78,876	76,601
Norfolk and Newport News	587,363	841,174	432,727	472,540	404,056	545,418	590,032	387,279
Baltimore	85,526	72,427	101,648	(2)	(2)	(2)	(2)	(2)
Philadelphia	2,581	13,645	36,238	(2)	(2)	(2)	(2)	(2)
New York	40,706	33,798	119,215	187,794	176,502	99,200	229,426	179,163
Boston	14,792	83,644	118,891	(2)	(2)	(2)	(2)	(2)
San Francisco [1]	.....	.....	.....	.....	.....	.....	.....	.....
Seattle and Tacoma [1]	.....	.....	.....	.....	.....	.....	.....	.....

[1] Not available for years prior to 1911.
[2] Not shown separately.
[3] Includes receipts of Pensacola.
[4] Included in receipts of Mobile.

TABLE 31.—EXPORTS OF DOMESTIC COTTON AND LINTERS—VALUE AND QUANTITY, WITH DISTRIBUTION OF QUANTITY, BY COUNTRIES TO WHICH EXPORTED: 1821 TO 1919.

[Compiled from Commerce and Navigation of the United States. The statistics of exports since 1865 differ slightly from those shown in Table 37 because of a difference in the years to which they relate. The figures of this table are for fiscal years.]

YEAR.	Total value.	EXPORTS OF DOMESTIC COTTON (EQUIVALENT 500-POUND BALES) TO—														
		Total.	United Kingdom.	Germany.	France.	Italy.	Spain.	Belgium.	Russia.	Austria-Hungary.	Netherlands.	All other Europe.	Japan.	Canada.	Mexico.	All other countries.
1919	$873,579,669	5,525,893	2,494,009	.....	773,744	557,549	281,343	72,652	310	55,386	57,949	203,949	809,313	203,015	1,707	14,967
1918	655,024,655	4,641,023	2,387,101	.....	658,553	369,213	259,194	.....	15,945	.....	10,098	82,572	583,546	249,973	10,706	14,122
1917	543,074,690	6,176,162	2,895,423	.....	1,055,749	687,158	394,093	.....	49,189	.....	62,161	184,717	530,892	187,201	5,298	124,281
1916	374,186,247	6,168,140	2,760,890	.....	890,376	836,915	340,246	.....	173,449	.....	102,087	169,154	503,077	197,659	23,695	170,592
1915	376,217,972	8,807,157	3,919,749	294,194	692,699	1,127,400	464,504	5,057	82,125	455	544,035	898,096	428,806	182,790	39,727	127,520
1914	610,475,301	9,521,881	3,581,501	2,884,324	1,139,399	537,357	297,339	227,474	99,076	106,511	35,053	63,725	353,440	150,993	34,671	11,018
1913	547,357,195	9,124,591	3,716,898	2,443,886	1,074,987	500,823	317,954	226,967	74,907	113,182	14,537	55,376	396,779	152,015	20,977	15,303
1912	565,849,271	11,070,251	4,343,108	3,156,171	1,228,294	636,077	313,500	211,903	112,262	125,564	35,242	83,821	480,934	181,667	16,129	145,579
1911	585,318,869	8,067,882	3,461,054	2,202,707	1,021,998	436,296	242,073	150,225	84,941	79,530	18,124	48,713	156,724	156,824	4,631	4,042
1910	450,447,243	6,413,416	2,444,558	1,887,657	968,422	393,327	178,455	102,346	67,203	57,220	18,823	43,378	95,000	125,592	29,604	1,831
1909	417,390,655	8,895,970	3,665,355	2,438,090	1,098,173	565,695	301,789	157,631	96,675	94,782	30,129	58,174	208,943	131,453	42,575	6,506
1908	437,788,202	7,633,997	2,956,352	2,385,663	889,083	418,921	262,744	119,470	98,371	90,049	27,684	62,125	200,396	113,997	4,767	4,375
1907	481,277,797	9,036,434	3,966,119	2,315,651	1,006,633	567,916	275,868	154,168	121,141	113,630	29,092	65,083	262,283	150,343	732	7,775
1906	401,005,921	7,268,090	3,181,143	1,871,441	817,583	486,607	241,747	114,673	112,480	56,375	18,490	44,486	147,269	141,908	29,285	4,603
1905	379,965,014	8,609,698	3,967,254	2,011,679	818,304	534,735	295,537	145,564	129,060	62,572	31,163	72,911	336,575	115,857	79,082	9,405
1904	370,811,246	6,126,386	2,475,752	1,797,354	734,286	363,295	184,862	105,213	168,506	28,158	16,055	61,488	45,870	88,795	56,172	580
1903	316,180,429	7,086,086	2,799,096	1,915,094	806,673	444,950	266,336	157,351	181,938	39,912	42,542	82,243	152,826	127,640	66,507	2,978
1902	290,651,819	7,001,558	3,132,324	1,705,815	775,773	445,437	270,602	132,232	73,446	39,757	22,418	61,679	178,505	129,016	27,500	7,054
1901	313,673,443	6,661,781	3,106,857	1,629,935	754,329	365,359	237,346	154,682	53,171	37,238	53,180	52,325	78,558	102,980	35,103	718
1900	241,832,737	6,201,166	2,302,128	1,619,173	736,092	443,951	246,612	148,319	54,950	44,919	74,635	65,635	323,202	109,983	18,522	13,045
1899	209,564,774	7,546,821	3,609,444	1,728,975	803,406	417,353	248,635	129,524	95,012	57,127	51,621	84,500	182,734	98,230	36,130	4,130
1898	230,442,215	7,700,529	3,532,101	1,858,525	842,038	387,581	263,648	161,941	103,825	35,614	43 509	69,189	224,214	122,495	42,433	13,416
1897	230,890,971	6,207,510	3,127,186	1,371,577	716,025	323,117	219,088	83,485	84,570	23,971	34,731	48,790	64,022	80,408	30,207	333
1896	190,056,460	4,670,453	2,267,222	1,038,457	478,265	261,644	216,178	87,966	91,622	15,912	14,219	51,367	40,388	68,074	38,817	322
1895	204,900,990	7,034,866	3,553,782	1,504,631	790,699	332,656	255,679	145,340	141,998	24,852	25,999	55,319	22,130	105,534	75,953	294
1894	210,869,289	5,366,565	2,970,903	909,389	610,854	211,716	225,364	128,907	140,082	960	18,581	39,686	9,603	65,085	35,165	270
1893	188,771,445	4,424,230	2,363,176	850,387	568,059	160,019	200,212	90,399	36,356	.....	26,614	22,449	1,586	62,988	41,812	173
1892	258,461,241	5,870,440	3,381,685	964,883	692,785	171,003	187,458	134,373	134,392	10,052	27,925	38,996	3,149	79,228	44,235	276
1891	290,712,898	5,814,718	3,401,212	1,019,144	553,100	194,022	218,836	97,423	135,611	4,447	43,669	47,478	4,813	69,261	25,682	20

TABLE 31.—EXPORTS OF DOMESTIC COTTON AND LINTERS—VALUE AND QUANTITY, WITH DISTRIBUTION OF QUANTITY, BY COUNTRIES TO WHICH EXPORTED; 1821 TO 1919—Continued.

[Compiled from Commerce and Navigation of the United States. The statistics of exports since 1865 differ slightly from those in Table 37 because of a difference in the years to which they relate. The figures of this table are for fiscal years.]

YEAR.	Total value.	EXPORTS OF DOMESTIC COTTON (EQUIVALENT 500-POUND BALES) TO—														
		Total.	United Kingdom.	Germany.	France.	Italy.	Spain.	Belgium.	Russia.	Austria-Hungary.	Netherlands.	All other Europe.	Japan.	Canada.	Mexico.	All other countries.
1890	250,968,792	4,943,600	2,905,152	837,641	484,759	129,751	175,339	93,588	193,163	300	17,438	19,927	.....	58,473	26,095	1,974
1889	237,775,270	4,769,633	2,940,800	660,756	400,197	131,068	181,533	147,807	144,036	5,610	44,354	18,264	.....	61,143	33,802	263
1888	223,016,760	4,528,242	2,838,525	560,624	392,197	110,375	169,331	130,791	216,798	.....	27,725	18,258	.....	52,052	11,414	152
1887	206,222,057	4,338,915	2,713,515	561,664	466,090	73,222	138,499	110,288	151,267	.....	43,735	20,519	.....	47,904	11,951	261
1886	205,085,642	4,116,075	2,444,482	569,435	401,643	110,473	168,414	125,069	184,924	5,252	31,672	16,053	.....	37,425	21,035	198
1885	201,962,458	3,783,319	2,419,834	468,987	361,462	79,041	135,319	85,664	135,131	3,898	37,930	17,750	.....	26,398	11,754	151
1884	197,015,204	3,725,145	2,384,254	363,055	457,369	51,725	135,928	30,863	193,639	1,762	53,913	11,027	.....	19,216	22,368	26
1883	247,328,721	4,576,150	2,776,411	538,583	428,829	80,607	196,939	42,055	347,354	4,656	57,610	28,780	.....	32,636	41,155	535
1882	189,812,644	3,479,952	2,361,793	324,962	333,541	44,073	115,264	4,732	184,233	189	33,820	16,706	.....	35,159	25,075	405
1881	247,695,746	4,381,857	2,729,672	466,192	553,854	75,145	127,741	18,318	267,714	4,218	67,502	18,211	.....	25,960	26,772	558
1880	211,535,905	3,644,122	2,433,255	308,045	359,693	59,126	133,873	17,896	204,500	1,699	65,325	21,097	.....	19,619	19,763	231
1879	162,304,250	3,256,746	1,967,549	274,969	393,977	47,617	141,215	19,127	308,647	2,533	51,734	13,280	.....	15,481	19,796	821
1878	180,031,484	3,215,067	2,079,897	243,298	472,062	36,221	81,371	28,383	170,858	3,636	55,909	22,413	.....	14,165	6,844	10
1877	171,118,508	2,890,738	2,040,731	155,211	438,178	23,096	92,061	4,597	50,219	.....	53,711	13,202	.....	11,017	7,940	775
1876	192,659,262	2,982,811	1,914,660	217,092	407,952	46,759	95,122	31,076	161,794	.....	68,532	15,019	.....	9,961	13,945	899
1875	190,638,625	2,520,838	1,823,884	150,570	310,279	18,084	59,627	6,227	131,417	.....	8,141	2,876	.....	7,123	2,610	.....
1874	211,223,580	2,717,205	1,807,144	229,227	354,731	24,597	106,718	17,107	108,181	.....	38,009	18,041	.....	8,022	4,579	849
1873	227,243,069	2,400,127	1,717,299	190,685	226,740	30,568	55,444	24,253	99,147	2,758	38,172	10,916	.....	2,988	1,101	56
1872	180,684,595	1,867,075	1,407,830	85,033	176,374	11,845	65,142	20,197	49,367	.....	45,570	1	.....	3,792	1,914	10
1871	218,327,109	2,925,856	2,204,645	207,972	119,223	42,915	94,312	35,867	62,271	4,330	111,405	14,220	.....	4,786	22,619	1,291
1870	227,027,624	1,917,117	1,298,332	173,552	306,293	14,549	55,409	3,452	30,341	.....	17,050	1,621	.....	3,122	13,219	170
1869	162,033,052	1,288,656	873,087	140,855	201,116	8,956	32,317	374	19,525	.....	5,331	536	.....	2,244	4,084	230
1868	152,820,733	1,569,527	1,129,030	152,643	186,466	12,066	51,241	1,608	11,748	331	5,045	675	.....	2,091	16,457	120
1867	201,470,423	1,322,947	1,048,641	56,396	167,858	7,223	22,068	1,775	10,179	.....	514	214	.....	1,288	6,622	169
1866	281,385,223	1,301,146	1,024,728	32,276	216,470	397	17,631	653	5,372	.....	283	1,107	.....	1,643	101	485
1865	6,836,400	17,789	16,584	283	714	.....	.....	.....	.....	.....	.....	.....	.....	184	.....	24
1864	9,895,854	23,988	19,302	47	3,557	117	.....	.....	.....	.....	.....	.....	.....	110	835	20
1863	6,652,405	22,770	19,681	.....	2,534	.....	.....	.....	.....	.....	26	.....	.....	303	.....	226
1862	1,180,113	10,129	7,091	17	46	1,688	1,166	.....	.....	.....	.....	.....	.....	115	.....	6
1861	34,051,483	615,032	414,685	23,798	114,541	9,373	22,310	11,364	8,502	.....	5,301	1,767	.....	303	2,821	267
1860	101,806,555	3,535,373	2,528,274	132,145	567,935	54,037	88,044	29,601	43,396	14,943	25,515	30,013	.....	2,771	18,087	612
1859	161,434,923	2,772,937	1,887,372	131,362	372,981	42,977	121,046	28,657	87,240	33,113	32,311	22,690	.....	114	11,987	1,087

1858	131,386,661	2,237,248	1,561,905	58,872	357,580	38,996	79,261	18,691	64,220	13,960	16,995	8,334	.....	261	18,169	4
1857	131,575,859	2,096,565	1,367,996	89,866	348,469	34,480	91,114	24,495	63,867	15,229	20,869	22,544	.....	1,715	15,917	4
1856	128,382,351	2,702,863	1,798,656	124,219	443,535	41,710	116,959	46,343	9,287	37,306	26,193	38,194	.....	8,317	12,021	123
1855	88,143,844	2,016,849	1,346,997	61,642	420,228	49,787	66,143	24,439	898	1,910	9,883	18,083	.....	1,766	15,054	19
1854	93,596,220	1,975,666	1,392,494	75,440	288,857	25,452	70,048	27,961	5,830	29,922	12,096	21,589	.....	145	24,292	1,540
1853	109,456,404	2,223,141	1,537,193	46,280	378,454	34,976	73,702	30,989	42,573	35,937	14,078	13,463	.....	24	14,928	544
1852	87,965,732	2,186,461	1,505,148	44,277	372,428	35,868	58,604	54,316	20,950	47,897	20,518	12,396	.....	33	13,400	626
1851	112,315,317	1,854,474	1,341,290	34,480	278,329	20,641	68,545	32,670	20,197	34,618	11,018	10,639	.....	47	1,692	308
1850	71,984,616	1,270,763	863,062	10,090	251,668	18,707	55,353	25,492	8,677	18,492	8,590	7,532	.....	89	2,627	384
1849	66,396,967	2,053,204	1,478,690	27,689	302,680	33,316	46,572	56,227	21,301	26,559	23,775	26,003	.....	194	4,437	5,761
1848	61,998,294	1,628,549	1,144,006	35,074	272,596	17,184	38,647	30,559	20,534	40,868	9,703	10,129	.....	45	.....	9,204
1847	53,415,848	1,054,440	702,538	21,779	204,235	26,431	24,627	20,369	11,237	23,561	3,957	7,277	.....	208	.....	8,221
1846	42,767,341	1,095,116	692,317	15,391	264,106	28,620	235	14,817	8,585	26,764	7,700	7,324	.....	95	8,785	20,377
1845	51,739,643	1,745,812	1,210,290	34,605	295,659	13,714	673	28,595	14,991	41,786	25,099	7,887	.....	166	3,323	69,024
1844	54,063,501	1,327,267	973,459	12,579	240,120	6,346	8,249	19,771	5,536	24,456	6,155	2,610	.....	2,797	11,898	13,291
1843	49,109,806	1,584,594	1,169,691	30,507	273,629	18,371	.....	30,287	6,858	12,032	16,348	898	.....	6	3,265	22,702
1842	47,593,464	1,169,434	757,395	19,525	311,643	8,817	.....	16,455	5,668	14,187	16,783	2,477	.....	36	.....	16,448
1841	54,330,341	1,060,408	696,613	12,992	278,790	3,738	36	19,632	1,972	16,263	5,270	4,194	.....	553	.....	20,355
1840	63,870,307	1,487,882	989,830	18,317	358,180	7,805	1,049	25,780	4,406	26,336	21,698	5,160	.....	59	.....	29,262
1839	61,238,982	827,248	621,548	1,780	179,565	10	1,179	2,711	4,209	4,741	3,731	3,270	.....	.....	.....	4,504
1838	61,556,811	1,191,905	883,716	9,437	240,649	460	5,663	11,405	5,577	11,314	15,291	3,069	.....	13	112	5,199
1837	63,240,102	888,423	643,159	7,530	198,617	1,107	4,665	3,539	1,995	16,860	4,345	3,609	.....	16	4	2,977
1836	71,284,925	847,263	585,038	14,130	202,727	322	3,252	7,960	2,833	13,925	8,841	6,867	.....	22	14	1,332
1835	64,961,302	774,718	540,169	5,414	200,994	26	1,756	2,818	1,950	9,886	8,555	1,963	.....	26	.....	1,161
1834	49,448,402	769,436	569,448	13,235	159,897	382	1,786	2,410	2,521	7,611	9,848	2,128	.....	18	.....	152
1833	36,191,105	649,397	476,484	3,751	153,666	.....	1,516	2,619	2,895	2,215	2,727	2,788	.....	36	296	404
1832	31,724,682	644,430	458,015	8,150	154,935	1,162	4,568	(1)	1,678	3,309	[2] 7,840	3,756	.....	72	.....	945
1831	25,289,492	553,960	441,634	4,834	92,257	612	1,111	.....	1,524	5,558	1,945	3,738	.....	678	.....	69
1830	29,674,883	596,918	419,661	2,246	150,212	471	64	.....	223	5,629	17,135	1,257	.....	19	.....	1
1829	26,575,311	529,674	349,120	13,746	134,408	2,113	.....	.....	456	8,142	19,196	1,949	.....	21	.....	523
1828	22,467,229	421,181	293,666	6,782	106,962	814	.....	.....	1,300	1,961	7,562	1,853	.....	33	.....	248
1827	29,359,545	588,620	425,415	6,797	140,848	296	16	.....	294	366	11,725	2,545	.....	70	.....	248
1826	25,025,214	409,071	267,758	4,121	124,337	.....	.....	.....	31	67	9,185	2,872	.....	65	.....	635
1825	36,846,649	352,900	287,426	1,154	60,008	2	.....	.....	268	.....	2,840	1,135	.....	14	44	9
1824	21,947,401	286,739	202,421	590	81,396	.....	.....	.....	1,003	.....	866	492	.....	41	.....	20
1823	20,445,520	347,447	280,368	4,717	49,987	435	.....	.....	619	356	9,361	1,455	.....	192	4	13
1822	24,035,058	289,350	228,928	5,911	43,616	3,913	.....	.....	1,428	420	3,941	674	.....	2	.....	1,117
1821	20,157,484	249,787	175,438	1,496	54,878	1,296	570	.....	609	70	8,372	2,188	.....	.....	.....	4,370

[1] Included with Netherlands.

[2] Includes exports to Belgium.

Exports of domestic cotton, by months.—In Table 32 the exports of domestic cotton and linters are presented by months and by the more important countries of destination from August, 1914, to July, 1919, inclusive. The total quantity of linters included in each month's exports is also shown.

TABLE 32.—EXPORTS OF DOMESTIC COTTON AND LINTERS, BY COUNTRIES TO WHICH EXPORTED, BY MONTHS: AUGUST, 1914, TO JULY, 1919, INCLUSIVE.

MONTH.	Year.	EXPORTS OF DOMESTIC COTTON AND LINTERS (RUNNING BALES) TO—								Linters included in exports.
		Total.	United Kingdom.	Germany.	France.	Italy.	Other Europe.	Japan.	All other countries.	
August	1918	287,450	72,816	.....	59,600	65,281	59,505	18,040	12,208	12,644
	1917	459,661	305,039	.....	51,683	64,140	6,808	17,760	14,231	22,039
	1916	425,346	141,050	.....	72,790	98,672	52,213	34,739	25,882	40,904
	1915	162,059	33,748	.....	9,529	48,025	42,749	15,039	12,969	11,736
	1914	21,210	6,370	52	5	1,546	7,886	.....	5,351	885
September	1918	366,375	212,040	.....	44,470	44,799	36,269	12,208	16,589	17,670
	1917	454,047	280,440	.....	89,687	18,341	44,129	12,540	8,910	40,699
	1916	539,679	294,545	.....	64,265	98,115	42,848	30,859	9,047	30,439
	1915	501,585	230,497	.....	92,217	121,043	35,172	15,386	7,270	10,624
	1914	125,778	50,980	.....	.....	16,678	32,097	16,119	9,904	1,808
October	1918	383,995	255,558	.....	41,164	31,614	15,910	17,879	21,870	16,729
	1917	530,658	287,670	.....	79,680	81,242	52,041	20,937	9,088	26,394
	1916	796,588	439,802	.....	129,503	63,023	85,372	56,043	22,845	7,430
	1915	675,279	291,740	.....	106,725	139,541	68,462	39,792	29,019	12,480
	1914	497,132	232,065	.....	22,302	48,147	100,959	73,389	20,270	4,104
November	1918	350,003	188,041	.....	38,136	40,606	6,742	52,624	23,854	13,432
	1917	418,685	203,757	.....	47,949	73,404	45,348	29,769	18,458	9,700
	1916	733,270	313,891	.....	124,202	91,056	86,955	82,361	34,805	8,058
	1915	524,392	159,099	.....	105,940	96,097	95,891	32,455	34,910	12,725
	1914	760,929	333,700	1,000	42,290	117,398	161,131	64,810	40,600	7,267
December	1918	588,487	248,825	.....	64,182	73,711	89,463	77,727	34,579	1,996
	1917	477,034	248,711	.....	32,975	15,554	45,999	112,009	21,786	6,326
	1916	765,321	399,461	.....	70,306	94,355	67,007	91,052	43,140	9,961
	1915	558,278	276,697	.....	78,646	67,813	58,873	44,534	31,715	11,629
	1914	1,202,115	572,396	47,076	75,030	200,028	204,761	75,371	27,453	30,431
January	1919	658,143	266,823	.....	111,205	42,850	79,572	135,417	22,276	247
	1918	462,562	255,736	.....	61,033	21,489	7,187	83,769	33,348	8,798
	1917	600,853	290,735	.....	81,469	38,712	88,330	79,178	22,429	31,654
	1916	539,415	339,538	.....	25,348	34,800	52,263	55,015	32,451	5,468
	1915	1,372,183	585,534	99,913	70,901	217,982	343,500	32,672	21,681	24,012
February	1919	449,523	178,174	.....	90,130	22,151	61,921	82,475	14,672	106
	1918	359,774	188,144	.....	37,749	18,761	3,410	97,624	14,086	7,680
	1917	357,776	163,249	.....	96,975	9,237	40,509	32,910	14,896	35,036
	1916	703,932	425,128	.....	89,520	17,544	86,029	56,210	29,501	15,297
	1915	1,501,701	633,574	88,508	135,833	157,123	400,030	33,533	53,100	32,242
March	1919	504,239	142,664	.....	119,852	46,937	36,189	145,161	13,436	1,271
	1918	311,681	130,522	.....	50,044	1,015	34,346	55,586	40,168	12,687
	1917	355,295	179,198	.....	71,653	29,293	14,950	32,677	27,524	76,570
	1916	464,035	174,797	.....	99,964	53,047	50,350	46,899	38,978	37,638
	1915	1,208,573	440,490	6,112	140,311	146,584	414,890	23,728	36,458	60,175
April	1919	411,916	199,134	.....	14,700	42,081	49,373	89,752	16,876	951
	1918	217,802	38,017	.....	34,297	15,622	24,433	61,716	43,717	15,466
	1917	271,753	86,176	.....	93,251	16,908	39,329	15,682	20,407	87,468
	1916	522,375	212,871	.....	91,365	56,056	85,877	41,661	34,545	34,525
	1915	672,035	378,828	.....	64,650	55,956	79,749	21,136	71,716	17,609
May	1919	444,718	203,848	.....	37,179	46,502	79,757	68,248	9,184	899
	1918	292,041	85,438	.....	68,803	18,196	27,768	57,820	34,016	12,012
	1917	375,822	137,619	.....	93,181	64,208	34,537	18,153	28,124	73,063
	1916	510,081	206,622	.....	71,589	75,000	41,114	63,372	52,384	37,516
	1915	615,290	359,675	.....	60,158	57,027	90,257	28,057	20,116	18,708
June	1919	690,169	352,776	.....	96,068	61,050	98,143	65,323	16,809	3,710
	1918	273,302	162,488	.....	30,931	26,103	8,400	25,160	20,220	9,101
	1917	245,709	101,357	.....	37,851	28,723	45,473	6,468	25,837	19,731
	1916	549,926	262,120	.....	63,408	51,670	69,545	46,627	56,556	51,420
	1915	323,140	119,090	.....	43,941	38,103	56,828	37,142	28,036	13,065
July	1919	528,902	314,499	.....	18,053	70,791	96,395	19,668	9,496	1,879
	1918	218,877	90,581	.....	31,164	19,945	29,706	29,562	17,919	16,802
	1917	271,597	135,087	.....	58,639	11,271	50,156	1,196	15,248	19,176
	1916	479,753	246,305	.....	87,681	28,269	49,561	34,408	33,529	54,380
	1915	244,477	58,944	.....	27,209	52,969	58,586	26,993	19,776	11,569

Exports of sea-island cotton.—Statistics of exports of sea-island cotton, by countries to which exported, are given in the following table for the years 1906 to 1919 and for selected years since 1885:

TABLE 33.—EXPORTS OF SEA-ISLAND COTTON, BY COUNTRIES TO WHICH EXPORTED, FOR SPECIFIED YEARS: 1885 TO 1919.

[The statistics for 1915 to 1919 relate to the 12 months ending July 31, and those for prior years to the 12 months ending Aug. 31.]

YEAR.	EXPORTS OF SEA-ISLAND COTTON (EQUIVALENT 500-POUND BALES) TO—					YEAR.	EXPORTS OF SEA-ISLAND COTTON (EQUIVALENT 500-POUND BALES) TO—				
	Total.	United Kingdom.	France.	Germany.	All other countries.		Total.	United Kingdom.	France.	Germany.	All other countries.
1919	3,806	750	5	.....	3,051	1910	22,748	18,154	4,074	520	.....
1918	2,235	450	.....	.....	1,785	1909	19,654	13,589	5,070	426	569
1917	1,844	1,204	.....	.....	640	1908	25,587	17,874	7,112	413	188
1916	3,580	1,656	.....	.....	1,924	1907	15,252	11,056	3,925	185	86
1915	5,824	1,847	.....	516	3,461	1906	31,624	23,870	6,787	838	129
1914	13,917	8,840	3,248	297	1,532	1900	36,240	30,131	5,193	796	120
1913	10,003	6,368	3,211	259	165	1895	30,455	26,350	3,878	36	191
1912	20,192	14,821	4,905	178	288	1890	18,568	16,853	1,420	169	126
1911	17,797	12,818	4,077	482	420	1885	13,708	11,950	1,560	13	185

EXPORTS AND IMPORTS OF COTTON MANUFACTURES.

Closely related to the consumption of cotton in the domestic manufacture of cotton goods is the foreign trade in these fabrics. Accordingly, the following tables, compiled by the Bureau of Foreign and Domestic Commerce, of the Department of Commerce, showing the exports and imports for the last fiscal year, are presented. Table 34 gives the statistics of exports by classes of goods and by countries to which exported; Table 35 gives the imports of cotton manufactures by classes of goods and by countries from which imported; and Table 36 shows the total value of imports and exports for the different countries.

TABLE 34.—EXPORTS OF DOMESTIC MANUFACTURES OF COTTON, BY COUNTRIES TO WHICH EXPORTED, FOR THE YEAR ENDING JUNE 30, 1919.

[Compiled by the Bureau of Foreign and Domestic Commerce, Department of Commerce.]

	EXPORTS OF DOMESTIC MANUFACTURES OF COTTON.													
	Total value.	Cloths.						Clothing and other wearing apparel.		Cotton waste.		Yarn (value).	All other manufactures of cotton (value).
		Unbleached.		Bleached.		Colored.		Knit goods (value).	All other (value).	Pounds.	Value.		
		Yards.	Value.	Yards.	Value.	Yards.	Value.						
Total	$232,206,566	97,738,665	$21,876,468	101,479,856	$24,897,933	371,130,139	$84,631,094	$27,057,775	$14,191,217	48,485,507	$10,047,783	$13,887,229	$35,617,067
EUROPE:													
United Kingdom	12,796,495	746,313	247,693	105,306	54,861	496,728	158,406	3,466,161	805,991	31,926,110	7,452,052	30,391	580,940
Belgium	8,336,952	251,866	93,181	3,156,459	969,998	17,449,850	5,219,541	722,108	460,411	77,764	12,978	718	858,017
Norway	3,808,696	470,124	161,727	2,462,817	601,006	4,941,693	1,206,263	647,309	506,467	171,252	21,092	264,646	400,186
Sweden	1,628,102	96,096	25,272	737,683	163,636	546,242	138,216	658,185	146,622	63,486	14,717	102,460	378,994
Denmark	5,605,020	652,554	303,715	1,739,827	375,820	5,371,599	1,391,699	2,173,930	257,464	99,100	20,286	491,339	590,767
Italy	356,627	900	201	61,933	17,891	59,986	23,801	34,951	149,938	57,500	14,375	3,024	112,446
Greece	3,173,713	2,636,776	598,107	2,352,493	563,710	5,071,961	1,251,650	433,146	16,815	30,950	4,641	5,360	300,284
Netherlands	579,760	78,089	40,261	22,588	13,746	70,630	21,603	166,717	80,711	533,887	115,721	8,868	132,133
France	9,626,629	4,492,873	2,723,517	6,422,728	2,023,688	5,277,551	1,464,107	286,198	120,508	403,609	79,968	198,323	2,730,320
Russia (including Asiatic Russia)	2,090,778	734,916	148,508	1,141,678	333,843	2,129,922	499,531	194,963	669,124	655	92	6,000	238,717
Spain	541,725	15,792	1,436	29,479	6,969	113,444	30,864	17,576	7,493	1,770,227	446,644	75	30,668
All other Europe	3,159,911	1,319,727	348,983	1,175,209	259,600	1,834,605	465,721	652,775	143,035	63,890	10,322	321,134	958,341
NORTH AMERICA:													
Canada (including Newfoundland)	30,555,383	9,204,228	1,890,470	6,622,861	1,638,751	33,103,459	9,098,788	1,715,074	2,688,745	7,240,641	1,040,844	2,993,556	9,489,155
Mexico	11,057,043	1,352,088	376,700	4,966,811	1,180,950	24,287,677	5,370,639	555,406	889,275	412,415	49,399	30,917	2,603,757
Panama	2,008,393	712,370	122,874	1,004,504	206,527	3,132,658	572,115	254,953	452,642	440,486	65,735	35	333,512
San Salvador	1,936,849	8,327,783	1,110,544	859,196	162,408	2,897,733	540,641	5,826	2,648	9,972	1,741	53,755	59,286
Honduras	1,914,900	3,987,963	536,896	1,537,672	254,321	4,845,846	785,007	43,742	173,561	28,552	3,195	168	118,010
Guatemala	1,616,396	2,897,568	476,481	918,106	172,833	3,961,906	787,671	20,879	32,896	8,557	1,282	13,951	110,403
Nicaragua	1,418,059	2,248,970	308,541	735,314	151,587	2,928,991	563,538	50,591	131,960	9,242	1,191	2,158	208,493
Costa Rica	1,228,626	2,106,314	296,537	890,890	190,311	2,968,556	562,477	50,081	17,676	2,026	275	19,225	92,044
British Honduras	387,595	391,133	69,654	210,488	44,229	718,765	124,236	29,768	66,867	10,005	1,443	271	51,127
Cuba	16,819,419	1,684,441	641,071	10,335,340	2,263,527	33,913,192	6,729,737	2,361,555	1,996,353	2,088,889	257,574	157,218	2,412,384
Haiti	4,533,777	3,432,659	626,580	2,773,328	561,343	14,071,943	3,208,643	34,185	13,244	11,355	1,206	7,850	80,726
Dominican Republic	2,159,641	1,336,809	236,344	1,193,446	251,681	6,201,567	1,154,353	148,299	144,404	25,192	3,225	225	221,110
British West Indies	3,373,303	3,404,692	454,622	2,037,299	407,970	10,854,205	1,713,197	280,070	213,301	58,451	7,723	432	295,988

Dutch West Indies	165,939	38,087	16,321	99,187	30,368	302,737	69,196	17,833	19,074	9,434	1,187	169	11,791
Danish West Indies (including Greenland)	135,734	34,466	10,099	71,559	19,236	211,589	53,605	11,748	17,362	885	130	1,022	22,532
French West Indies (including Miquelon)	430,097	271,949	66,053	325,909	80,917	761,929	171,520	31,511	22,838	5,417	748	140	56,370
Bermuda	151,437	10,967	6,380	29,613	7,853	85,275	23,537	31,384	46,615	2,578	355	37	35,276
SOUTH AMERICA:													
Chile	10,380,453	11,683,762	2,414,035	4,790,348	1,246,931	9,286,229	2,663,309	919,007	214,424	1,472,785	202,921	1,653,673	1,066,153
Colombia	3,351,124	5,056,239	695,324	2,053,130	342,991	7,943,685	1,267,709	98,683	84,140	37,028	4,478	560,644	297,155
Brazil	5,859,310	266,368	93,368	2,470,660	699,206	11,823,982	2,972,978	244,008	47,658	56,927	8,331	616,049	1,177,712
Argentina	28,407,539	4,298,467	1,372,352	9,067,364	2,645,781	42,382,659	11,234,936	3,794,093	237,712	649,526	88,904	5,758,731	3,275,030
Venezuela	1,482,650	312,309	81,087	1,372,859	254,201	4,622,251	727,154	104,147	6,104	41,874	5,785	8,540	295,632
Guiana	926,433	395,003	91,755	752,318	163,034	2,326,289	447,110	70,478	49,683	11,687	1,512	235	102,626
Uruguay	2,758,437	682,572	175,018	697,284	185,980	2,595,072	722,354	803,665	104,435	42,808	5,229	351,822	409,934
Peru	2,178,639	228,243	64,509	765,072	212,683	4,466,087	1,116,145	246,728	177,391	154,941	19,173	2,342	339,668
Ecuador	719,818	423,428	75,752	870,877	150,166	1,733,154	309,262	39,086	18,266	5,481	880	17,922	108,484
Bolivia	2,064,551	3,321,793	693,537	1,209,493	260,624	2,257,789	683,693	95,069	31,745	5,475	848	1,404	297,631
Paraguay	79,071	4,218	1,264	14,946	4,565	215,556	43,075	9,713	2,350	1,435	220	.....	17,884
Falkland Islands	1,114	.....	.....	.....	.....	.....	.....	.....	.....	793	91	.....	1,023
ASIA AND OCEANIA:													
China	2,954,883	8,143,436	1,068,416	764,758	201,992	6,422,447	1,081,473	197,660	133,372	210,038	46,156	3,643	222,171
Aden	206,821	1,309,250	206,821	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
British India	933,505	629,309	132,962	424,332	100,763	976,465	252,734	101,558	56,200	6,740	1,265	1,657	286,36
Dutch East Indies	1,919,849	331,655	70,944	1,146,660	286,306	5,461,119	1,039,075	83,423	104,152	31,671	3,691	821	331,437
Japan	1,009,239	220,035	389,763	230,998	138,147	298,183	61,989	19,541	102,673	.....	.....	.....	297,126
Hongkong	791,312	361,432	198,217	207,785	90,353	646,628	143,283	27,502	35,344	.....	.....	8,293	288,320
Australia	10,356,054	1,458,748	820,636	4,674,446	1,329,147	9,835,570	2,856,191	3,368,207	972,071	7,301	1,154	180,817	827,831
New Zealand	2,245,539	281,749	102,732	1,312,414	394,830	2,887,349	901,356	408,180	168,720	70,030	10,476	.....	259,245
Philippine Islands	17,179,046	1,835,860	392,803	12,793,011	2,754,321	60,316,040	11,151,987	499,167	786,416	12,479	1,924	5,377	1,587,051
All other Asia and Oceania	1,112,286	483,199	95,293	628,715	153,113	1,895,914	439,857	100,382	105,023	21,964	3,265	501	214,852
AFRICA:													
British East Africa	214,860	1,156,213	192,143	84,950	11,204	3,825	1,582	5,312	2,263	280	50	.....	2,306
British South Africa	2,781,330	1,056,165	298,715	880,325	203,591	3,764,656	1,037,510	594,334	411,663	74,365	9,944	1,289	224,284
All other Africa	695,704	860,699	210,254	247,388	58,424	306,951	76,030	130,908	45,372	7,442	1,345	2	173,369

TABLE 35.—IMPORTS OF COTTON MANUFACTURES, BY COUNTRIES FROM WHICH IMPORTED, FOR THE YEAR ENDING JUNE 30, 1919.

[Compiled by the Bureau of Foreign and Domestic Commerce, Department of Commerce.]

COUNTRY.	IMPORTS OF COTTON MANUFACTURES.												
	Total value.	Cloths.						Clothing, ready-made, and other wearing apparel.		Laces, edgings, embroideries, etc. (value).	Thread and yarn, (value).	All other manufactures of cotton (value).
		Colored.		Bleached.		Unbleached.						
		Square yards.	Value.	Square yards.	Value.	Square yards.	Value.	Knit goods (value).	All other clothing (value.)			
Total	$34,762,723	12,719,132	$5,427,693	5,245,207	$1,844,786	6,509,762	$2,051,933	$1,042,233	$3,317,655	$7,721,040	$7,286,757	$6,070,626
EUROPE:												
United Kingdom	23,192,647	11,467,405	5,024,458	3,520,056	1,180,808	5,581,075	1,561,602	115,379	120,470	3,421,959	7,114,907	4,653,064
France	3,555,197	118,466	80,362	58,342	28,232	.....	.....	23,612	646,250	2,535,293	40,110	201,338
Switzerland	1,326,133	197,428	101,325	860,578	263,235	.....	.....	144,539	48,814	417,236	.....	350,984
Italy	266,191	.....	.....	.....	.....	.....	.....	2	1,722	228,490	.....	35,977
All other Europe	328,620	36,819	8,792	160	21	2,104	285	9,430	12,489	285,139	425	12,039
AMERICA:												
Canada	2,078,544	34,819	17,780	407,669	229,371	739,960	410,548	476,076	364,009	8,882	131,080	440,798
Mexico	11,035	40	20	.....	.....	7,213	1,663	.....	984	2,479	.....	5,889
All other America	3,037	202	22	.....	.....	.....	.....	573	340	445	.....	1,657
Japan	1,363,512	861,187	194,331	398,362	143,101	178,701	77,412	272,293	130,800	201,085	235	344,255
China	456,128	.....	.....	.....	.....	.....	.....	.....	13,666	427,946	.....	14,516
British India	5,548	62	20	.....	.....	.....	.....	.....	407	367	.....	4,754
Philippine Islands	2,151,302	.....	.....	.....	.....	.....	.....	.....	1,962,398	188,904	.....	.....
All other countries	24,829	2,704	583	40	18	709	423	329	15,306	2,815	.....	5,355

TABLE 36.—VALUE OF EXPORTS AND IMPORTS OF COTTON MANUFACTURES, BY COUNTRIES TO WHICH EXPORTED OR FROM WHICH IMPORTED, FOR THE YEARS ENDING JUNE 30, 1900, 1905, 1906, AND 1909 TO 1919.

[Compiled by the Bureau of Foreign and Domestic Commerce, Department of Commerce.]

COUNTRY.	1919	1918	1917	1916	1915	1914	1913
EXPORTS.							
Total	$232,206,566	$169,378,223	$136,299,842	$112,053,235	$71,685,259	$51,467,233	$53,743,977
EUROPE:							
United Kingdom	12,796,495	10,070,789	10,779,950	26,706,477	23,694,368	4,360,288	4,782,758
Germany	(1)	.....	.....	1,468	117,311	1,654,368	1,304,519
All other Europe	38,907,913	9,489,084	9,507,287	11,537,916	6,287,823	2,237,685	1,889,399
AMERICA:							
Canada	30,555,383	27,984,121	28,264,480	18,274,627	9,771,888	9,559,177	10,536,412
Mexico	11,057,043	18,606,003	11,011,886	4,891,956	2,260,834	1,200,704	1,064,892
Central America	10,123,223	4,877,986	8,004,905	4,564,658	1,982,498	3,530,303	3,434,742
British West Indies (including Bermuda)	3,524,740	3,506,299	2,468,030	1,973,542	1,233,055	1,342,519	1,022,049
Cuba	16,819,419	17,728,667	10,630,627	7,741,671	4,325,431	2,832,602	2,903,395
Haiti	4,533,777	2,696,510	2,496,083	2,276,749	770,452	1,706,208	1,465,690
All other North America	3,279,006	5,668,253	3,231,716	1,584,558	2,131,500	919,824	1,138,534
Brazil	5,859,310	3,597,927	1,588,549	782,755	182,715	229,262	386,368
Chile	10,380,453	7,333,773	4,489,399	1,638,043	639,031	889,544	808,674
Colombia	3,351,124	2,355,123	3,793,316	2,607,192	846,793	849,433	1,453,774
Peru	2,178,639	2,728,782	2,584,311	675,686	128,301	216,169	198,331
Venezuela	1,482,650	1,012,670	2,278,406	1,114,606	413,203	413,096	376,314
All other South America	34,956,963	21,761,643	13,547,220	8,529,655	1,609,616	1,201,848	1,281,848
ASIA AND OCEANIA:							
China	2,954,883	1,217,295	681,044	953,677	1,261,601	6,188,192	5,796,984
British India	933,505	1,034,590	894,480	1,262,347	1,032,999	1,071,397	1,276,076
British Australasia	12,601,593	5,654,326	5,812,428	5,312,125	2,333,682	1,900,201	1,813,058
Aden	206,821	173,986	1,134,218	1,012,830	1,478,922	1,018,906	1,433,950
Philippine Islands	17,179,046	17,262,881	9,340,976	5,976,922	7,868,489	6,706,094	7,077,165
All other Asia and Oceania	4,832,686	1,747,806	1,625,716	777,938	454,099	677,668	771,210
AFRICA	3,691,894	2,869,709	2,134,815	1,855,837	860,618	761,745	1,527,835
IMPORTS.							
Total	34,762,723	44,751,181	56,181,684	47,511,870	46,205,123	69,410,964	63,935,983
EUROPE:							
United Kingdom	23,192,647	30,303,244	39,542,259	27,772,312	20,220,239	23,852,547	20,361,396
Germany	(1)	.....	53,500	1,991,717	10,140,775	17,617,863	16,406,123
France	3,555,197	3,368,727	5,856,723	6,710,360	5,929,776	14,836,509	12,264,492
Switzerland	1,326,133	2,365,277	4,286,848	7,879,254	7,360,128	10,335,521	11,546,075
Belgium	621	1,431	9,695	28,342	220,702	416,844	465,001
Austria-Hungary	(1)	.....	.....	20,344	195,331	432,380	600,780
Italy	266,191	588,030	1,526,695	741,448	421,409	338,273	337,895
Spain	23,754	68,017	90,595	72,272	115,840	99,501	88,779
Turkey (including Asiatic Turkey)	(1)	.....	.....	2,796	25,353	190,002	509,749
All other Europe	304,245	186,733	286,394	235,161	187,495	146,946	152,678
AMERICA:							
Canada	2,078,544	2,679,683	184,367	77,962	129,768	30,193	19,892
Mexico	11,035	15,250	90,814	34,649	35,088	25,587	21,932
All other America	3,037	46,063	7,796	6,337	13,227	4,706	10,649
Japan	1,363,512	4,280,957	3,844,581	1,861,382	1,156,104	1,007,133	1,029,086
China	456,128	769,279	340,694	61,864	28,767	45,235	56,174
British India	5,548	18,192	23,578	3,578	6,370	13,381	31,150
All other countries	2,176,131	70,298	37,145	12,092	18,751	18,343	34,132

[1] Included in all other Europe.

TABLE 36.—VALUE OF EXPORTS AND IMPORTS OF COTTON MANUFACTURES, BY COUNTRIES TO WHICH EXPORTED OR FROM WHICH IMPORTED, FOR THE YEARS ENDING JUNE 30, 1900, 1905, 1906, AND 1909 TO 1918—Continued.

COUNTRY.	1912	1911	1910	1909	1906	1905	1900
EXPORTS.							
Total	$50,769,511	$40,851,918	$33,398,672	$31,878,566	$52,944,033	$49,666,080	$24,003,087
EUROPE:							
United Kingdom	3,946,923	3,511,690	2,857,625	2,092,212	2,042,377	1,446,409	1,256,729
Germany	933,429	927,166	896,351	1,035,235	971,647	601,541	385,683
All other Europe	1,594,826	1,055,002	979,590	738,992	654,353	383,692	270,229
AMERICA:							
Canada	8,590,398	6,474,722	5,242,511	3,712,506	3,587,567	3,030,341	2,691,992
Mexico	988,263	797,617	772,127	646,488	821,302	880,074	958,889
Central America	3,945,437	3,417,774	2,511,625	2,456,345	2,260,618	2,052,298	1,176,142
British West Indies (including Bermuda)	1,329,675	967,547	819,124	950,876	713,885	659,382	435,949
Cuba	3,090,262	2,235,350	1,644,498	1,906,964	1,507,473	1,330,260	612,252
Haiti	1,756,755	1,510,425	1,220,290	1,258,197	822,815	524,860	745,693
All other North America	1,112,072	999,611	762,347	579,181	452,468	650,342	560,290
Brazil	308,712	413,184	388,760	265,177	636,374	823,120	436,111
Chile	805,125	1,001,591	666,133	490,016	898,155	764,468	531,130
Colombia	1,162,092	980,984	892,886	823,216	693,021	896,143	310,362
Peru	227,607	176,323	158,476	104,760	112,797	157,202	113,338
Venezuela	498,079	449,254	289,797	346,443	429,645	438,094	333,294
All other South America	1,142,989	1,011,398	963,874	1,005,291	902,684	1,105,447	355,556
ASIA AND OCEANIA:							
China	7,471,103	5,412,849	5,847,392	8,067,472	29,814,075	28,017,190	8,804,778
British India	979,850	715,174	732,184	760,677	655,346	486,843	524,419
British Australasia	1,694,068	1,773,201	962,154	979,440	1,285,085	1,079,179	622,228
Aden	2,026,394	1,067,382	464,413	1,312,265	1,634,134	1,140,875	(1)
Philippine Islands	5,277,192	4,305,518	2,936,398	1,059,042	403,896	850,244	( )
All other Asia and Oceania	613,115	681,955	690,710	605,024	862,092	1,761,726	1,838,346
AFRICA	1,275,145	966,201	699,407	682,747	782,224	586,350	[2] 1,039,707
IMPORTS.							
Total	63,506,574	64,056,473	66,473,143	62,010,286	63,043,322	48,919,936	41,296,239
EUROPE:							
United Kingdom	19,400,725	19,747,868	20,365,696	19,951,548	19,446,227	15,089,333	17,110,588
Germany	15,384,519	15,689,422	16,707,993	14,859,770	16,459,615	14,332,763	8,863,297
France	11,694,388	11,189,892	11,820,515	11,959,565	13,038,125	8,701,625	5,623,310
Switzerland	13,902,023	14,988,217	15,463,607	13,533,057	12,578,536	9,728,717	8,975,580
Belgium	554,375	484,744	522,323	558,974	458,557	354,214	321,863
Austria-Hungary	615,410	604,556	659,844	490,658	218,974	113,833	107,128
Italy	310,025	199,036	125,661	66,399	97,520	41,281	10,093
Spain	104,482	109,488	57,965	49,027	86,952	57,400	2,747
Turkey (including Asiatic Turkey)	582,899	271,834	156,228	90,564	43,725	42,796	68,355
All other Europe	121,867	97,566	115,709	80,937	132,716	82,952	19,634
AMERICA:							
Canada	19,108	46,788	21,470	10,877	10,467	19,429	6,527
Mexico	56,248	42,716	29,765	23,414	39,110	44,154	33,328
All other America	7,801	15,788	10,441	4,778	2,074	2,465	1,460
Japan	665,926	490,177	292,951	236,062	316,278	202,736	71,066
China	30,819	31,641	16,306	11,180	14,657	25,618	25,073
British India	34,237	28,255	44,789	21,984	67,872	50,441	47,742
All other countries	21,722	18,485	61,880	61,492	31,917	30,179	8,418

[1] Included in "All other Asia and Oceania." [2] Includes exports to Hawaii, valued at $584,398.

PRODUCTION, CONSUMPTION, EXPORTS, AND IMPORTS OF COTTON.

Table 37 shows the production of cotton, average net weight of bale, average value per pound, consumption of cotton and linters, exports of domestic cotton, and net imports of raw cotton from 1790 to 1918. The value of this table lies chiefly in its presentation for comparative purposes of relative quantities of each of the items shown for a series of years. The data here given can not be used for arriving at the aggregate supply and distribution of cotton and linters for a number of years or even for a single year, as the table does not take into account stocks carried over, destroyed by fire, or the balancing item shown in Tables 1 and 2 and explained on page 10.

TABLE 37.—PRODUCTION, CONSUMPTION, EXPORTS, AND NET IMPORTS OF RAW COTTON, FOR THE UNITED STATES: 1790 TO 1918.

Production.—The production statistics relate, when possible, to the year of growth, but when figures for the growth year are wanting, those for a commercial crop which represents the trade movement have been taken. The statistics of production for the years 1790 to 1898, inclusive, have been compiled from publications of the Department of Agriculture; for the years 1899 to 1918, inclusive, and for other years, when available, census figures have been used.

Price of upland cotton.—For the years 1910 to 1918, inclusive, the price per pound shown for upland cotton represents the average price received for cotton by the growers as computed by the Department of Agriculture; for the years 1902 to 1909 it is the average price of the average grade marketed in New Orleans prior to April 1 of the following year; for the years 1890 to 1901, inclusive, it is the average price of middling cotton on the New Orleans Cotton Exchange; and for the years 1790 to 1889, inclusive, it is taken from reports of the Department of Agriculture.

Consumption.—The statistics of consumption for the years 1790 to 1894, inclusive, have been compiled from publications of the Department of Agriculture, and those for the years 1895 to 1903, inclusive, from the reports of Latham, Alexander & Co. Census figures have been used for the years 1904 to 1918, inclusive, and for other years when available. The statistics relate to the 12 months during which the crop of the specified year was chiefly marketed, and not to the calendar year specified.

Domestic exports and net imports.—For the years 1790 to 1819, inclusive, the statistics have been taken from American state papers, and for the years 1820 to 1918 from the reports on Commerce and Navigation of the United States, published by the Bureau of Foreign and Domestic Commerce, Department of Commerce. For the years 1790 to 1842, inclusive, the statistics of exports relate to the 12 months beginning with October 1 of the specified year; for 1843 to 1866, inclusive, to the 12 months beginning with July 1; for 1867 to 1913, inclusive, to the 12 months beginning with September 1; and for 1914 to 1918 to the 12 months beginning with August 1. The statistics of imports relate to the same periods as the statistics of exports.

YEAR.	COTTON PRODUCTION (INCLUDING LINTERS).				Consumption of cotton and linters (equivalent 500-pound bales).[1]	Exports of domestic cotton (equivalent 500-pound bales).	Net imports (equivalent 500-pound bales).
	Running bales, counting round as half bales.	Equivalent 500-pound bales, gross weight.	Average net weight of bale (lbs.)	Average price per pound, upland cotton (cents).			
1918	12,816,716	12,970,048	484	28.8	6,288,922	5,663,920	197,201
1917	12,344,664	12,428,094	480	27.1	7,555,191	4,587,000	217,381
1916	12,664,078	12,780,644	482	17.3	7,721,354	5,963,682	288,486
1915	12,012,813	12,122,961	484	11.2	7,326,598	6,405,993	420,995
1914	16,738,241	16,991,830	485	7.3	6,087,338	8,931,253	363,595
1913	14,613,964	14,795,367	484	12.5	5,942,808	9,256,028	265,646
1912	14,090,863	14,313,015	486	11.5	5,867,431	9,199,093	225,460
1911	16,109,349	16,250,276	483	9.6	5,400,005	10,681,332	229,268
1910	11,965,962	12,005,688	480	14.0	4,713,126	8,025,991	231,191
1909	10,386,209	10,315,382	475	14.3	4,759,364	6,491,843	151,395
1908	13,432,131	13,587,306	484	9.2	5,198,963	8,889,724	165,451
1907	11,325,882	11,375,461	480	11.5	4,493,028	7,779,508	140,869
1906	13,305,265	13,595,498	489	10.0	4,974,199	8,825,236	202,733
1905	10,725,602	10,804,556	482	10.9	4,877,465	6,975,494	133,464
1904	13,697,310	13,679,954	478	8.7	4,523,208	9,057,397	130,182
1903	10,015,721	10,045,615	480	12.2	3,980,567	6,233,082	100,298
1902	10,784,473	10,827,168	481	8.2	4,187,076	6,913,506	149,113
1901	9,748,546	9,675,771	489	8.1	4,080,287	6,870,313	190,080
1900	10,245,602	10,266,527	480	9.3	3,603,516	6,806,572	116,610
1899	9,507,786	9,459,935	476	7.6	3,687,253	6,167,623	134,778
1898	11,189,205	11,435,368	489	4.9	3,672,097	7,626,525	103,223
1897	10,897,857	10,985,040	482	5.6	3,472,398	7,811,031	105,802
1896	8,532,705	8,515,640	477	7.3	2,841,394	6,124,026	114,712
1895	7,161,094	7,146,772	477	8.2	2,499,731	4,761,505	112,001
1894	9,901,251	10,025,534	484	5.9	2,983,665	6,961,372	99,399
1893	7,493,000	7,433,056	474	7.5	2,300,276	5,307,295	59,405
1892	6,700,365	6,658,313	475	8.4	2,415,875	4,485,251	85,735
1891	9,035,379	8,940,867	473	7.3	2,846,753	5,896,800	64,394
1890	8,652,597	8,562,089	473	8.6	2,604,491	5,850,219	45,580
1889	7,472,511	7,472,511	478	11.5	2,518,409	4,928,921	18,334
1888	6,938,290	6,923,775	477	10.7	2,309,250	4,730,192	15,284
1887	7,046,833	6,884,667	467	10.3	2,205,302	4,519,254	11,983
1886	6,505,087	6,314,561	464	10.3	2,049,687	4,301,542	7,552
1885	6,575,691	6,369,341	463	9.4	2,094,682	4,200,651	8,270
1884	5,682,000	5,477,448	460	10.5	1,687,108	3,783,319	7,144
1883	5,713,200	5,521,963	462	10.6	1,813,865	3,733,369	11,247
1882	6,949,756	6,833,442	470	10.6	2,038,400	4,591,331	4,716
1881	5,456,048	5,136,447	450	12.2	1,849,457	3,376,521	3,261
1880	6,605,750	6,356,998	460	11.3	1,865,922	4,453,495	5,447
1879	5,755,359	5,466,387	454	12.0	1,500,688	3,742,752	7,578
1878	5,074,155	4,745,078	447	10.8	1,457,266	3,290,167	5,049

[1] Data collected in running bales. Conversion based on average weights of bales produced, which for the country are heavier than those consumed.

TABLE 37.—PRODUCTION, CONSUMPTION, EXPORTS, AND NET IMPORTS OF RAW COTTON FOR THE UNITED STATES: 1790 TO 1917—Continued.

YEAR.	COTTON PRODUCTION (EXCLUSIVE OF LINTERS).				Consumption of cotton and linters (equivalent 500-pound bales).	Exports of domestic cotton (equivalent 500-pound bales).	Net imports (equivalent 500-pound bales).
	Running bales, counting round as half bales.	Equivalent 500-pound bales, gross weight.	Average net weight of bale (lbs.)	Average price per pound. upland cotton (cents).			
1877	4,773,865	4,494,224	450	11.3	1,458,667	3,197,439	5,046
1876	4,474,069	4,118,390	440	11.7	1,314,489	2,839,418	4,832
1875	4,632,313	4,302,818	444	13.0	1,255,712	3,037,650	4,498
1874	3,832,991	3,528,276	440	15.0	1,098,163	2,504,118	3,784
1873	4,170,388	3,873,750	444	17.0	1,213,052	2,682,631	3,541
1872	3,930,508	3,650,932	444	18.2	1,115,691	2,470,590	10,016
1871	2,974,351	2,756,564	443	20.5	1,146,730	1,824,937	6,374
1870	4,352,317	4,024,527	442	17.0	1,026,583	2,922,757	1,802
1869	[1] 3,011,996	2,409,597	440	24.0	796,616	1,987,708	3,026
1868	2,366,467	2,198,141	444	29.0	860,481	1,300,449	1,870
1867	2,519,554	2,345,610	445	24.9	844,044	1,502,756	345
1866	2,097,254	1,948,077	444	31.6	715,258	1,401,697	[2] 1,035
1865	2,269,316	2,093,658	441	43.2	614,540	1,301,146	10,322
1864	300,000	299,372	477	83.4	344,278	17,789	68,798
1863	450,000	449,059	477	101.5	219,540	23,988	52,405
1862	1,600,000	1,596,653	477	67.2	287,397	22,770	67,695
1861	4,500,000	4,490,586	477	31.3	369,226	10,129	61,731
1860	3,849,469	3,841,416	477	13.0	841,975	615,032	.....
1859	[1] 5,387,052	4,309,642	461	11.0	845,410	3,535,373	.....
1858	4,018,914	3,758,273	447	12.1	867,489	2,772,937	.....
1857	3,257,339	3,012,016	442	12.2	550,708	2,237,248	.....
1856	3,093,737	2,873,680	444	13.5	761,614	2,096,565	1,678
1855	3,665,557	3,220,782	420	10.3	731,484	2,702,863	2,295
1854	2,982,634	2,708,082	434	10.4	641,391	2,010,849	4,425
1853	3,074,979	2,766,194	430	11.0	663,204	1,975,666	1,141
1852	3,416,214	3,130,338	438	11.0	736,468	2,223,141	1,423
1851	3,126,310	2,799,290	428	9.5	617,468	2,186,461	512
1850	2,454,442	2,136,083	416	12.1	422,626	1,854,474	330
1849	[1] 2,469,093	1,975,274	429	12.3	575,506	1,270,763	485
1848	2,866,938	2,615,031	436	7.5	586,032	2,053,204	22
1847	2,439,786	2,128,433	417	8.0	537,427	1,628,549	558
1846	1,778,651	1,603,763	431	11.2	385,916	1,054,440	122
1845	2,100,537	1,806,110	411	7.9	363,365	1,095,116	386
1844	2,394,503	2,078,910	415	5.6	337,730	1,745,812	[2] 680
1843	2,030,409	1,750,060	412	7.7	298,872	1,327,267	517
1842	2,378,875	2,035,481	409	7.2	278,196	1,584,594	1,835
1841	1,683,574	1,398,282	397	7.8	222,461	1,169,434	107
1840	1,634,954	1,347,640	394	9.5	245,045	1,060,408	1,210
1839	2,063,915	1,653,722	383	8.9	236,525	1,487,882	297
1838	1,360,532	1,092,980	384	13.4	221,738	827,248	319
1837	1,801,497	1,428,384	379	10.1	195,100	1,191,905	355
1836	1,423,930	1,129,016	379	13.2	176,449	888,423	[2] 510
1835	1,360,725	1,061,821	373	16.5	184,731	847,263	427
1834	1,253,406	962,343	367	17.4	166,523	774,718	1,574
1833	1,225,895	930,962	363	12.9	149,159	769,436	308
1832	1,114,286	815,900	350	12.3	142,352	649,397	69
1831	1,069,444	805,439	360	9.4	130,895	644,430	[2] 22
1830	1,026,393	732,218	341	9.7	129,938	553,960	22
1829	1,076,696	763,598	339	10.0	89,723	596,918	378
1828	953,079	679,916	341	9.9	84,788	529,674	[2] 40
1827	805,970	564,854	335	10.3	84,516	421,181	597
1826	1,057,402	732,218	331	9.3	103,535	588,620	74
1825	817,308	533,473	312	12.2	.....	409,071	79
1824	751,748	449,791	286	18.6	.....	352,900	26
1823	656,029	387,029	282	14.7	.....	286,739	932

[1] Equivalent 400-pound bales. [2] Excess of exports of foreign cotton over total imports.

TABLE 37.—PRODUCTION, CONSUMPTION, EXPORTS, AND NET IMPORTS OF RAW COTTON FOR THE UNITED STATES: 1790 TO 1917—Continued.

YEAR.	COTTON PRODUCTION (EXCLUSIVE OF LINTERS).				Consumption of cotton and linters (equivalent 500-pound bales).	Exports of domestic cotton (equivalent 500-pound bales).	Net imports (equivalent 500-pound bales).
	Running bales, counting round as half bales.	Equivalent 500-pound bales, gross weight.	Average net weight of bale (lbs.)	Average price per pound, upland cotton (cents).			
1822	704,698	439,331	298	11.4	.....	347,447	110
1821	636,042	376,569	283	14.3	.....	289,350	[1]196
1820	575,540	334,728	278	14.3	100,000	249,787	427
1819	632,576	349,372	264	17.0	.....	255,720	[1]4,571
1818	446,429	261,506	280	24.0	.....	175,994	[1]4,454
1817	465,950	271,967	279	34.0	.....	184,942	3,086
1816	439,716	259,414	282	26.0	.....	171,299	2,048
1815	369,004	209,205	271	29.0	.....	163,894	[1]44
1814	254,545	146,444	275	21.0	51,778	105,997	[1]266
1813	304,878	156,904	246	15.5	.....	35,458	101
1812	304,878	156,904	246	12.5	.....	38,220	3,133
1811	325,203	167,364	246	10.5	.....	57,775	897
1810	286,195	177,824	297	15.5	35,555	124,116	431
1809	328,000	171,548	250	16.0	33,473	186,523	[1]560
1808	334,821	156,904	224	16.0	.....	101,981	[1]1,601
1807	289,855	167,364	276	19.0	.....	21,261	6,297
1806	285,714	167,364	280	21.5	.....	127,889	1,485
1805	304,348	146,444	230	22.0	.....	71,315	961
1804	261,094	135,983	249	23.0	23,013	76,780	456
1803	222,222	125,523	270	20.0	.....	70,068	183
1802	231,092	115,063	238	19.0	.....	75,424	[1]1,153
1801	210,526	100,418	228	19.0	.....	47,768	[1]170
1800	153,509	73,222	228	44.0	18,829	41,822	8,696
1799	88,889	41,841	225	28.0	16,737	35,580	8,870
1798	66,667	31,381	225	44.0	.....	19,065	7,532
1797	48,889	23,013	225	39.0	.....	18,720	7,761
1796	44,444	20,921	225	34.0	.....	7,577	7,336
1795	35,556	16,736	225	36.5	.....	12,213	8,737
1794	35,556	16,736	225	36.5	.....	9,414	8,592
1793	22,222	10,460	225	33.0	.....	3,565	5,127
1792	13,333	6,276	225	32.0	.....	1,097	5,503
1791	8,889	4,184	225	29.0	.....	277	1,112
1790	6,667	3,138	225	26.0	11,000	379	697

[1] Excess of exports of foreign cotton over total imports.

WORLD'S PRODUCTION AND CONSUMPTION OF COTTON.

The effects of the European war upon the production, distribution, and consumption of cotton entered upon some new phases during the year 1918–19. The beginning of hostilities in 1914 found the world's largest crop of cotton in the process of making, which in normal times would have been none too large to meet the increasing requirements of consumers. But the demoralization of trade, consequent upon the breaking out of war, curtailed consumption in many countries by rendering transportation hazardous and difficult. Prices of cotton fell, and the acreage planted to this crop in 1915 was considerably reduced in all countries except Russia, while the world's stocks of cotton on July 31, 1915, were several million bales above normal.

The stabilization of the industry, however, due to the needs of the belligerents and of the world at large, had already begun to stimulate consumption, and this fact together with three years' reduced production served to reduce the world's carry-over to below normal on July 31, 1918. The signing of the armistice in November, 1918, ended hostilities and there was a general cancellation of contracts for military supplies involving cotton by all belligerents. This in part resulted in a reduced consumption of cotton, and the carry-over on July 31, 1919, was larger than at the end of the preceding year.

The sources of information in detail as to the production and consumption of cotton have never been adequate or altogether satisfactory for many countries. The United States is the only country which has provided an efficient means of determining the supply and distribution of cotton within its borders. Other governments in the principal cotton-producing countries have been providing estimates, approximately correct, and practically reliable. The Indian Government publishes a memorandum from time to time during the cotton year based upon estimates received from the several producing provinces. The Egyptian Government publishes monthly returns showing the number and weight of steam-pressed bales from September 1 of each season to the date to which the report relates, but complete data are not available until the end of the year, and do not necessarily represent the actual growth of the season. For practical uses before definite information is given out by the Egyptian Survey Department reliance is placed upon the estimates of the Alexandria Produce Association.

For information as to production in all other cotton-growing countries and as to consumption in all countries except the United States reliance is placed on consular reports, special correspondence, trade reports, and the careful consideration of such accounts of the movements of cotton as are available. Thus it is seen that for all countries except our own the element of estimation enters into the figures of production and consumption to a greater or less degree, according to the completeness and reliability of the information available.

WORLD'S COTTON PRODUCTION.

Under these conditions, the following table, which purports to give the world's production of commercial cotton from the crops of 1914 to 1918, inclusive, by countries, has been prepared. It is believed, however, that for practical purposes the figures are fairly representative and reliable. Some revision for years prior to 1918, as published in former bulletins, has been made.

The weights of the packages into which the several foreign cottons are packed vary from 200 pounds or less to 750 pounds or more. For this reason the production of all the countries, including that of the United States, has been expressed in the above table in equivalent bales of 500 pounds, net weight, in order to provide a practical unit for comparative purposes which will at the same time convey the conventional idea of actual quantity.

TABLE 38.—WORLD'S PRODUCTION OF COMMERCIAL COTTON, BY COUNTRIES: 1914 TO 1918.

COUNTRY.	COTTON PRODUCTION (BALES OF 500 POUNDS NET).				
	1918	1917	1916	1915	1914
Total	17,769,000	17,410,000	18,095,000	17,609,000	23,866,000
United States	11,520,000	10,811,000	10,956,000	10,709,000	15,438,000
India [1]	2,577,000	2,869,000	3,242,000	2,630,000	3,807,000
Russia	550,000	578,000	1,065,000	1,465,000	1,247,000
Egypt	990,000	1,287,000	1,015,000	912,000	1,384,000
China [2]	900,000	830,000	810,000	845,000	750,000
Brazil	563,000	400,000	309,000	250,000	440,000
Mexico	130,000	125,000	140,000	125,000	125,000
Peru	114,000	110,000	108,000	93,000	103,000
All other countries	425,000	400,000	450,000	580,000	572,000

[1] The amounts for India do not include cotton used in home manufacture, although such cotton is included in the reports of cotton produced compiled by the Indian Government.
[2] Consists of cotton exported and cotton consumed in spinning mills.

The world's production of cotton in 1918—that is, cotton destined to enter commercial channels for factory purposes—is indicated to be 17,769,000 bales, not including linters in the United States, which item would add 889,466 bales to the total. The crop of 1917 was the smallest for any year covered by the table, being less than that of 1914 by 6,456,000 bales. The average production for mill consumption during the five years covered by the table was 18,950,000 bales, or 1,181,000 bales greater than the production of 1918. In addition to the amounts shown in the table, considerable quantities of cotton are produced in some countries and consumed in the homes of the people without entering commercial channels. This is the case especially in China and to a less extent in other eastern countries; but the amount of such cotton can not be estimated with any degree of accuracy.

The relative importance of the several cotton-producing countries is indicated by the following percentages: Of the total production of commercial cotton in 1918, the United States contributed 64.8 per cent, India 14.5 per cent, Egypt 5.6 per cent, China 5.1 per cent, Brazil 3.2 per cent, and Russia 3.1 per cent.

United States.—Some idea of the importance of cotton production in the United States from an economic standpoint may be had when it is considered that the comparatively small crop of 1918 was, next to corn, the most valuable crop grown in the country. The value of the cotton crop of 1909 represented 15 per cent of the total value of all the crops of the country. Unmanufactured cotton was the largest single item of export during the fiscal year 1914, the last year unaffected by the war, its value amounting to $610,475,301, or 26.2 per cent of the total value of all articles of domestic merchandise exported during the year. While cotton lost its high rank among the articles exported, still the comparatively large quantity which entered foreign trade, combined with the 6,288,922 bales of 500 pounds gross weight, including linters, consumed in domestic manufacture, strikingly indicates the importance of this staple in the economic affairs of the Nation.

India.—According to the Final General Memorandum on the cotton crop of 1918–19, issued by the Indian Government, the total outturn is estimated at 2,940,800 bales of 500 pounds each. However, as a rule, the Government estimates are too low when considered in connection with the figures of cotton exported and of cotton consumed. While in some years the estimates closely approximate the movement, in other years they are much below it. Table 39 presents statistics of cotton acreage, production, and yield per acre for India since 1897.

There were 20,497,000 acres in cotton in India in 1918, a decrease of 4,284,000 acres compared with 1917, and 1,248,000 acres compared with 1916. The crop of 1918 shows a decrease of 288,000 bales under that of 1917. Statistics of the acreage in cotton and the production by provinces, for the crops of 1914 to 1918, inclusive, are given in Table 40.

TABLE 39.—COTTON ACREAGE, PRODUCTION, AND YIELD PER ACRE IN INDIA: 1897 TO 1918.

YEAR.	Acreage planted in cotton.	COTTON PRODUCTION.		YEAR.	Acreage planted in cotton.	COTTON PRODUCTION.	
		Total (500-pound bales).	Average per acre (lbs.).			Total (500-pound bales).	Average per acre (lbs.).
1918	20,497,000	2,940,800	72	1907	21,630,000	2,497,600	58
1917	24,781,000	3,228,800	65	1906	22,488,000	3,926,400	88
1916	21,745,000	3,601,600	83	1905	20,401,000	3,389,600	83
1915	17,746,000	2,990,400	84	1904	19,918,000	3,060,800	77
1914	24,595,000	4,167,200	85	1903	18,026,000	2,863,714	79
1913	25,020,000	4,052,000	81	1902	16,581,046	3,000,439	90
1912	22,028,000	3,688,000	84	1901	14,506,295	2,648,586	91
1911	21,615,000	2,630,400	59	1900	14,231,150	2,162,918	76
1910	22,596,000	3,082,400	68	1899	11,884,576	1,674,817	70
1909	20,545,000	3,774,400	92	1898	14,602,892	2,512,104	86
1908	19,999,000	2,952,800	73	1897	13,683,487	2,122,968	78

TABLE 40.—COTTON ACREAGE AND PRODUCTION IN INDIA, BY PROVINCES: 1914 TO 1918.

PROVINCE. (Includes native states within provincial boundaries.)	Year.	Acreage planted in cotton.	Cotton production (500-pound bales).	PROVINCE. (Includes native states within provincial boundaries.)	Year.	Acreage planted in cotton.	Cotton production (500-pound bales).
Total	1918	20,497,000	2,940,800	United Provinces	1918	863,000	140,000
	1917	24,781,000	3,228,800		1917	1,316,000	158,400
	1916	21,745,000	3,601,600		1916	1,185,000	247,200
	1915	17,746,000	2,990,400		1915	834,000	209,600
	1914	24,595,000	4,167,200		1914	1,551,000	388,800
Bombay	1918	5,036,000	462,400	Central India	1918	1,233,000	172,800
	1917	7,312,000	1,064,800		1917	1,454,000	92,800
	1916	6,330,000	1,180,000		1916	1,419,000	248,800
	1915	4,439,000	747,200		1915	999,000	172,800
	1914	6,953,000	1,235,200		1914	1,519,000	234,400
Central Provinces and Berar.	1918	4,211,000	631,200	Baroda	1918	815,000	68,000
	1917	4,582,000	472,800		1917	915,000	192,000
	1916	4,402,000	552,800		1916	707,000	136,800
	1915	4,061,000	884,800		1915	566,000	93,600
	1914	4,708,000	877,600		1914	843,000	183,200
Hyderabad	1918	2,406,000	280,000	Rajputana	1918	250,000	44,000
	1917	3,451,000	360,000		1917	435,000	43,200
	1916	3,200,000	400,000		1916	334,000	102,400
	1915	2,964,000	360,000		1915	244,000	49,600
	1914	3,605,000	320,000		1914	421,000	132,800
Madras	1918	3,118,000	506,400	Sind	1918	299,000	86,400
	1917	2,592,000	455,200		1917	245,000	53,600
	1916	2,168,000	277,600		1916	240,000	62,400
	1915	2,061,000	196,000		1915	161,000	38,400
	1914	2,115,000	196,000		1914	336,000	92,800
Punjab	1918	1,541,000	394,400	All other provinces.	1918	725,000	155,200
	1917	1,799,000	216,800		1917	680,000	119,200
	1916	1,163,000	268,000		1916	597,000	125,600
	1915	902,000	156,000		1915	515,000	82,400
	1914	1,857,000	388,800		1914	687,000	117,600

The native Indian cotton has a short, coarse fiber, and can not be utilized in the manufacture of the finer counts of yarn. The demand for a better staple for use in some of the Indian mills, as well as for export, has resulted in the Indian Government giving the subject of improving the cotton serious consideration. The principal difficulties to be surmounted are the low yield per acre of these higher grade cottons, the fact that the grower realizes but little more for the better than for the poorer grades, and the mixing of the seed at the ginneries. The Government of India, together with the provincial and local governments, has established seed farms for the purpose of furnishing pure seed to the growers. This plan will ultimately result

in materially improving the staple of Indian cotton, and will permit this cotton to enter European markets in competition with American cotton to a much greater extent than heretofore.

Climatic and soil conditions in the several cotton-growing districts in India vary perhaps more than in any other cotton-producing country. In some sections the rainfall is abundant, while in others irrigation is employed to some extent; still others depend entirely upon irrigation for moisture. The seasons also vary greatly; for example, in October the cotton crop is being harvested in the north of India, while in the south planting is in progress. As a result cotton is being picked somewhere in the country almost throughout the year.

Egypt.—The climate and soil of Egypt are unusually well adapted to the production of high-grade varieties of cotton, and the supply of moisture, coming as it does from a usually dependable system of irrigation, can be regulated to the best advantage. The season for gathering, too, is practically ideal, not being marked by storms or rains, and but little unavoidable damage to the matured crop occurs. The length, strength, and color of Egyptian cottons are characteristics of great value, while the uniformity of the fiber, due to the quality of growth, renders them, in manufacturing processes, subject to less waste than are many other kinds. Table 41 shows the cotton acreage, production, and average yield per acre in Egypt since 1895.

TABLE 41.—COTTON ACREAGE, PRODUCTION, AND YIELD PER ACRE IN EGYPT: 1895 TO 1918.

[Compiled from reports of the Egyptian Survey Department.]

YEAR.	Acreage.	PRODUCTION.		YEAR.	Acreage.	PRODUCTION.	
		Total (500-pound bales).	Average per acre (lbs.).			Total (500-pound bales).	Average per acre (lbs.).
1918	1,361,000	990,000	.....	1906	1,564,000	1,377,000	440
1917	1,761,000	1,287,000	365	1905	1,626,000	1,181,000	333
1916	1,738,000	1,015,000	292	1904	1,491,000	1,251,000	420
1915	1,231,000	963,000	391	1903	1,383,000	1,289,000	466
1914	1,822,000	1,384,000	380	1902	1,324,000	1,157,000	437
1913	1,789,000	1,496,000	418	1901	1,297,000	1,262,000	487
1912	1,787,000	1,492,000	417	1900	1,277,000	1,077,000	422
1911	1,776,000	1,463,000	412	1899	1,197,000	1,290,000	539
1910	1,664,000	1,506,000	453	1898	1,164,000	1,107,000	476
1909	1,619,000	1,000,000	309	1897	1,172,000	1,296,000	553
1908	1,703,000	1,337,000	393	1896	1,091,000	1,165,000	534
1907	1,664,000	1,433,000	431	1895	1,015,000	1,041,000	513

Russia.—The production of cotton in Russia is confined almost exclusively to the Asiatic provinces in Turkestan and Transcaucasia. Some experiments have been made in the growing of cotton in the European provinces of Russia which border on the Black Sea, but the total amount produced there is very small.

The unsettled conditions existing in that country together with the shortage in the food supply resulted in a greatly reduced cotton acreage in 1917. The estimated production of cotton from the crop of 1918 is 550,000 bales of 500 pounds each, compared with 578,000 bales from the crop of 1917, and 1,065,000 bales from the crop of 1916.

The soil and climate of Turkestan are well adapted to the cultivation of cotton. The summers are hot and long and the winters mild. As there is scarcely any rainfall during the growing season, irrigation is necessary. Any extension of the cotton-growing area depends almost entirely upon the construction and extension of irrigation works.

China.—Cotton is produced extensively in many sections of China, but no accurate data as to the total amount are available. A considerable quantity is consumed locally in the homes of the people, the total thus consumed being a matter of con-

jecture. Reliable data as to the quantities of Chinese cotton exported and used in the Chinese spinning mills are available. An estimate from a reliable source places the quantity of Chinese cotton from the crop of 1918 which will enter commercial channels at 900,000 bales of 500 pounds each.

Brazil.—The climate and soil of large areas in Brazil are well suited to the cultivation of cotton. Formerly considerable quantities were exported but the increase in the mill industry now requires practically the entire production. While exact data as to crop of 1918 are not available, it has been estimated at 563,000 bales.

Mexico.—Accurate statistics as to the production of cotton in Mexico from the crop of 1918 are not available. It is believed that the crop was about 130,000 bales. When the factories are operating under normal conditions they consume practically the entire production and draw also upon the United States for a part of their requirements.

Peru.—The production of cotton in Peru, while comparatively insignificant in quantity, is of importance because of the special characteristics of the fiber. The crop of 1918 is placed at 114,000 bales.

Other countries.—Cotton for mill consumption is also grown in a number of other countries, and consideration must be given these in presenting a summary of the world's production. The conditions of soil and climate in some of these countries are so suited to cotton production that the handicaps of insufficient experienced labor and of inadequate transportation facilities will be overcome, and thus will be added to the world's supply of cotton the production of large areas as yet undeveloped. However, because of local conditions many of them must ever remain of small importance from the standpoint of the quantity of cotton produced.

WORLD'S COTTON CONSUMPTION.

The compilation of satisfactory statistics concerning the consumption of cotton has been made well-nigh impossible because of the war in Europe, all of the world's largest cotton-manufacturing countries being belligerents. In 1913 these countries operated more than 95 per cent of the world's active cotton spindles and consumed almost 95 per cent of all the cotton used.

During the past season a considerable increase in the number of spindles has been made in the United States; there were also some additions in the United Kingdom, India, Japan, China, and several of the less important cotton-spinning countries. No satisfactory information is available, however, as to the number of cotton spindles active during the past season in some of the important countries.

The information available as to the consumption of cotton during the season of 1918–19 for a number of countries is very unsatisfactory. In order, however, to afford some idea as to the quantity used, Table 42 has been prepared from such sources as were available. The figures for the United States were collected and compiled by this bureau. The amounts for India and Canada are as shown by the New York Commercial and Financial Chronicle in its annual review of the cotton movement. The amount for the United Kingdom was obtained by adding to spinners' takings as published by the Liverpool Cotton Association, the decrease in mill stocks as estimated by Mr. Ellison and published in the annual report of the New Orleans Cotton Exchange. The total for the Continent was obtained by combining the following items: The takings of American cotton by the spinners on the Continent and the reduction in port stocks and of cotton afloat to the Continent, as shown in the Weekly Circular of the Liverpool Cotton Association; the production of cotton in the several European countries and in Asiatic Russia; the exports from Alexandria, Egypt, and India to the Continent; the estimated imports from countries other than the United States and Egypt, including those into Austria-Hungary and Germany from Turkey and into Russia from Persia, Afghanistan and Kashgar; the reduction in mill stocks as estimated by Mr. Ellison; and an estimated amount for reduction

in stocks other than indicated above. The quantity for Japan was based on the imports and the production in Japan and Chosen. The amount for all other countries is an estimate based on information contained in various publications and consular reports.

TABLE 42—WORLD'S CONSUMPTION OF COTTON: SEASONS OF 1918-19 AND 1917-18.

COUNTRY.	MILL CONSUMPTION OF COTTON (bales of 500 pounds net weight).	
	1919	1918
Total	15,970,000	17,701,000
United States (exclusive of linters)	5,575,000	6,311,000
Cotton-growing states	3,095,000	3,557,000
All other states	2,480,000	2,754,000
Europe:		
United Kingdom	2,725,000	3,280,000
Continent	2,975,000	3,050,000
India	1,627,000	1,775,000
Japan	1,870,000	2,000,000
Canada	198,000	250,000
All other countries	1,000,000	1,035,000

COTTON SEED AND COTTONSEED PRODUCTS.

The present demand for cotton seed for use in manufacture is in striking contrast to former conditions relative to this commodity. Before the advent of the cottonseed-oil mill the disposition of the surplus of cotton seed was a trying problem, while now this former waste material provides many valuable commercial products and is selling in the open market at from $80 to $90 a ton. Beginning with the extraction of oil as the prime object, the industry has developed and improved to such extent that the dirt which attaches itself to the seed in handling is about the only waste matter cast away in the various processes of manufacture. In the progress of the industry it was found advantageous to delint the seed more and more closely, at first for the better separation of the meats from the hulls and later, as the uses of linters multiplied and the demand for them became greater, for the commercial value of the linters themselves. The substitution of linters for long-fiber cotton in many lines of manufacture created a demand for information as to the extent of their production. The Bureau of the Census accordingly began the collection of such data and associated them with the statistics of cotton ginned.

The total production of linters for each crop since the inauguration of the seasonal reports of cotton ginned is shown in Table 3, and the production, by states, is given in Table 4 for the crops of 1915 to 1918, inclusive. Although the data relative to the production of linters have been collected in connection with the statistics of cotton ginned, information as to the quantity of cotton seed used by the oil mills in manufacture has been collected for only the last five years, except at the general censuses of manufactures.

The growing importance of the industry and the increasing interest attaching to it resulted in the act of Congress, approved August 7, 1916, which provides that the Bureau of the Census shall collect monthly reports from all of the oil mills concerning cotton seed received, crushed and on hand, and cottonseed products manufactured, shipped out, and on hand; also that information be obtained from the refineries and consuming establishments and from brokers, warehousemen, and exporters concerning crude and refined cottonseed oil. In conformity with this legislation monthly reports concerning cotton seed and cottonseed products have been collected during the last three seasons. These reports, valuable from their initiation not only to the manufacturer of cottonseed products, but also to the producer of the raw material and the consumer of the finished product, will be of increasing usefulness to all classes as the accumulation of reports permits more extensive comparison and more accurate deduction. The closing of the year as of July 31, it is believed, represents the month's end, when the stocks held at the oil mills are lower than at any other similar date during the year.

SUPPLY AND DISTRIBUTION OF COTTON SEED AND COTTONSEED PRODUCTS.

Table 43, on the following page, shows the several items making up the supply and distribution of cotton seed and cottonseed products for the 12-month periods ending July 31, 1917, 1918, and 1919.

The total supply of cotton seed for the oil mills, as indicated by the stocks held August 1, 1918 and the receipts during the year, was 4,649,824 tons, which compares with 4,500,476 for 1918 and 4,715,017 for 1917. Of this total, 4,478,508 tons were crushed, 17,981 tons destroyed, 129,610 tons shipped to other mills or disposed of for planting purposes, and 23,725 tons held at the end of the season. The high prices prevailing for cotton seed during this season made it more profitable for a few of the

mills to sell the seed than to work them and considerable seed was reshipped to other mills. The supply of the several products is practically represented by the production, as the quantities held at the beginning of the year are rather insignificant. The quantities received are in fact a duplication, being counted in stocks and production by the concerns from which received. The large receipt of hulls is due to their use in the manufacture of hull fiber in specially equipped plants.

TABLE 43.—SUPPLY AND DISTRIBUTION OF COTTON SEED AND COTTONSEED PRODUCTS FOR OIL MILLS FOR THE YEARS ENDING JULY 31, 1917, 1918, AND 1919.

	Year.	Cotton seed (tons).	COTTONSEED PRODUCTS.			
			Oil (pounds).	Cake and meal (tons).	Hulls (tons).	Linters (500-pound bales).
SUPPLY.						
Total	1919	4,649,824	1,333,378,280	2,255,532	1,350,855	960,580
	1918	4,500,476	1,323,241,503	2,260,588	1,408,416	1,246,186
	1917	4,715,017	1,410,509,974	2,478,974	1,270,140	1,347,316
Held in mill at beginning of year	1919	40,438	6,898,574	28,751	60,425	30,868
	1918	31,828	9,184,052	92,540	56,016	102,754
	1917	13,984	2,475,100	186,881	53,026	15,076
Received	1919	4,609,386	1,144,945	56,635	153,882	163
	1918	4,468,648	1,586,326	100,071	356,335	13,010
	1917	4,701,033	377,223	67,337	248,438	1,683
Produced	1919	.....	1,325,334,761	2,170,146	1,136,548	920,549
	1918	.....	1,312,471,125	2,067,977	996,065	1,130,422
	1917	.....	1,407,657,651	2,224,756	968,676	1,330,552
DISTRIBUTION.						
Total	1919	4,649,824	1,333,378,280	2,255,532	1,350,855	960,580
	1918	4,500,476	1,323,241,503	2,260,588	1,408,416	1,246,186
	1917	4,715,017	1,410,509,974	2,478,974	1,270,140	1,347,316
Crushed or used for further manufacture.	1919	4,478,508	.....	30,108	121,267	.....
	1918	4,251,680	.....	36,002	304,005	.....
	1917	4,479,176	.....	53,830	206,948	.....
Shipped out (including reshipments)	1919	129,610	1,327,325,845	2,178,514	1,097,398	[1] 703,320
	1918	197,242	1,316,159,854	2,195,002	1,042,441	1,214,403
	1917	202,956	1,401,325,922	2,330,886	1,006,572	1,243,862
Held in mill at end of year	1919	23,725	5,743,333	44,548	124,593	[1] 254,616
	1918	40,438	6,898,574	28,751	60,425	30,868
	1917	31,828	9,184,052	92,540	56,016	102,754
Destroyed	1919	17,981	309,102	2,362	7,597	2,644
	1918	11,116	183,075	773	1,545	915
	1917	1,057	.....	1,718	604	700

[1] There were 129,965 bales of linters held on oil-mill premises for the United States Government, which were not included in stocks held at the plant but were reported as "shipped out."

PERIODICAL REPORTS.

The following table shows the quantities of cotton seed received, crushed, and on hand, and of cottonseed products manufactured, shipped out, and on hand from August 1 to the end of each month for the years ending July 31, 1917, 1918, and 1919. The quantities are, of course, cumulative, the totals from the beginning of the year being indicated.

In addition to the products shown in Table 44 there were 178,137 equivalent 500-pound bales of hull fiber and 31,909 bales of motes, sweepings, etc., produced by the cottonseed-oil mills during the 12-month period ending July 31, 1919, compared with 333,663 and 56,559 bales, respectively, for 1918 and 472,960 and 34,425 bales, respectively, for 1917. The hull fiber is obtained from the hulls by two methods. Some establishments secure this product by a reginning of the hulls, leaving the hulls still in condition to be sold as such. Other establishments pulverize the hulls, the fine particles being sifted from the fiber and used in the manufacture of feed. Hull fiber approaches the quality of the lower grades of linters, and is used almost exclusively in the manufacture of guncotton and smokeless powder.

ABLE 44.—COTTON SEED RECEIVED, CRUSHED, AND ON HAND, AND COTTONSEED PRODUCTS MANUFACTURED, SHIPPED OUT, AND ON HAND FOR OIL MILLS, BY PERIODS: AUGUST, 1916, TO JULY 1919, INCLUSIVE.

PERIOD ENDING WITH MONTH OF—	Year.	COTTON SEED (TONS).			COTTONSEED PRODUCTS.											
		Aug. 1 to close of month.		On hand at close of month.	Oil (pounds).			Cake and meal (tons).			Hulls (tons).			Linters (500-pound bales)		
		Net receipts.	Crushed.		Aug. 1 to close of month. Produced.	Net shipped.	On hand at close of month.	Aug. 1 to close of month. Produced.	Net shipped.	On hand at close of month.	Aug. 1 to close of month. Produced.	Net shipped.	On hand at close of month.	Aug. 1 to close of month. Produced.	Net shipped.	On hand at close of month.
August	1918	144,981	47,424	137,995	12,793,341	12,285,455	7,406,460	22,424	32,985	17,967	11,597	2,098	45,161	13,690	27,056	17,502
	1917	75,679	38,721	68,786	11,374,267	13,885,213	6,673,106	19,101	53,835	57,728	8,477	11,707	27,885	11,122	24,169	89,707
	1916	107,150	50,357	70,777	13,863,788	9,137,076	7,201,812	23,751	149,514	60,092	13,337	3,738	61,336	11,120	16,210	9,986
September	1918	944,055	340,325	644,168	93,427,223	64,802,129	35,523,668	166,070	125,471	68,312	76,719	39,188	59,653	97,404	56,854	71,418
	1917	581,223	256,349	356,702	74,998,665	59,454,362	24,728,355	123,220	122,894	92,296	59,797	43,160	39,257	65,431	48,775	119,410
	1916	1,060,386	413,914	660,456	121,544,046	82,175,245	41,843,901	196,681	274,797	102,513	101,548	37,191	110,279	98,621	48,505	65,192
October	1918	1,913,719	914,297	1,039,860	254,397,547	216,321,532	44,974,589	450,011	374,810	102,500	202,877	103,150	104,623	261,500	164,982	127,386
	1917	1,668,534	829,773	869,863	248,510,322	200,988,336	56,706,038	400,007	329,216	161,886	190,901	119,499	78,510	204,550	124,640	182,548
	1916	2,300,190	1,074,701	1,239,473	319,453,571	255,275,851	66,652,820	512,160	526,024	165,401	258,194	143,081	150,824	271,246	143,355	142,966
November	1918	2,666,011	1,555,423	1,148,517	441,432,961	393,523,088	54,733,185	772,098	686,329	111,716	343,373	191,983	143,281	448,083	318,450	160,274
	1917	2,672,553	1,529,733	1,171,208	459,402,455	374,740,155	93,712,005	735,258	630,785	194,057	352,610	243,633	100,724	379,088	267,783	213,438
	1916	3,252,291	1,744,213	1,522,062	528,836,673	442,353,141	88,958,632	837,838	822,595	194,821	398,923	271,849	151,103	460,247	282,958	192,365
December	1918	3,224,886	2,122,825	1,138,125	607,745,762	562,686,316	51,850,083	1,049,193	940,467	134,098	477,769	284,254	167,882	578,513	337,567	271,383
	1917	3,196,159	2,121,305	1,097,505	636,392,359	519,483,121	125,958,943	1,014,300	918,104	184,368	485,010	341,438	116,180	535,154	410,993	226,294
	1916	3,843,781	2,315,472	1,542,293	700,201,250	607,166,504	95,509,846	1,118,098	1,076,620	221,246	519,131	325,854	170,074	627,965	463,558	179,482
January	1919	3,635,433	2,824,629	846,142	815,003,640	734,933,440	86,860,837	1,382,691	1,269,880	136,938	657,177	446,502	177,175	693,658	372,070	351,133
	1918	3,563,125	2,710,910	874,866	816,952,530	677,974,484	148,027,751	1,300,333	1,230,897	155,085	621,747	449,757	124,353	695,693	534,459	263,367
	1917	4,083,531	2,921,774	1,175,741	888,933,085	776,715,258	114,692,927	1,420,057	1,325,362	264,213	652,547	430,820	165,076	815,456	688,912	141,619
February	1919	3,893,014	3,365,583	559,587	977,319,331	867,094,521	116,814,282	1,638,284	1,527,806	130,909	808,810	585,551	183,551	776,235	476,780	328,393
	1918	3,812,912	3,201,511	634,052	971,086,319	837,785,525	142,350,499	1,541,004	1,505,539	114,022	737,230	534,231	125,719	827,517	689,418	240,015
	1917	4,223,068	3,420,524	816,528	1,045,070,565	916,696,982	130,848,683	1,666,982	1,546,029	286,236	755,013	518,134	157,638	966,951	845,865	136,162
March	1919	4,060,559	3,785,626	306,609	1,106,807,412	982,760,299	130,636,585	1,838,935	1,751,815	100,079	928,359	704,440	179,920	835,789	578,843	285,684
	1918	4,030,726	3,645,001	408,376	1,109,704,831	1,015,347,805	103,406,731	1,755,763	1,734,910	89,404	839,520	606,684	127,277	950,249	824,564	227,601
	1917	4,332,178	3,862,531	483,631	1,187,516,327	1,085,778,597	104,212,830	1,887,741	1,797,309	245,664	845,464	598,608	133,023	1,108,940	998,412	125,604
April	1919	4,232,083	4,084,710	173,866	1,199,768,262	1,096,978,105	109,379,629	1,983,123	1,903,175	82,139	1,009,748	780,940	173,545	875,973	629,227	275,276
	1918	4,136,713	3,955,329	203,846	1,210,810,770	1,142,741,763	77,069,934	1,913,981	1,891,041	82,684	911,847	643,377	132,495	1,036,401	942,091	196,149
	1917	4,384,034	4,167,527	229,459	1,288,820,791	1,219,498,136	71,797,755	2,039,667	1,954,853	231,305	904,219	655,633	114,588	1,210,077	1,090,042	134,410
May	1919	4,392,028	4,322,489	92,625	1,272,406,336	1,223,630,313	55,365,495	2,097,525	2,005,812	89,748	1,079,908	845,136	175,123	907,984	649,193	287,321
	1918	4,205,550	4,134,701	92,171	1,271,404,166	1,235,912,842	44,492,301	2,007,784	1,986,172	79,161	960,071	669,013	124,567	1,090,215	1,064,672	127,382
	1917	4,438,354	4,345,343	105,943	1,354,297,885	1,311,937,580	44,835,405	2,141,494	2,072,395	209,513	943,408	693,648	106,637	1,278,825	1,162,735	130,465
June	1919	4,451,734	4,436,198	38,157	1,310,974,062	1,297,247,579	20,315,955	2,148,974	2,068,516	77,345	1,114,356	882,018	169,984	922,232	677,899	272,638
	1918	4,244,827	4,210,054	55,485	1,297,745,516	1,284,688,589	22,057,904	2,045,690	2,053,980	48,384	980,847	672,843	106,492	1,114,526	1,152,659	63,706
	1917	4,472,809	4,429,629	56,112	1,390,558,008	1,368,934,345	24,098,763	2,195,696	2,188,797	144,995	960,402	715,637	83,110	1,312,567	1,216,117	110,826
July	1919	4,479,776	4,478,508	23,725	1,325,334,761	1,326,180,900	5,743,333	2,170,146	2,121,879	44,548	1,136,548	943,516	124,593	929,549	[1] 703,157	[1] 254,616
	1918	4,271,406	4,251,680	40,438	1,312,471,125	1,314,573,528	6,898,574	2,067,977	2,094,991	28,751	996,065	686,106	60,425	1,130,422	1,201,393	30,868
	1917	4,498,077	4,479,176	31,828	1,407,657,651	1,400,948,699	9,184,052	2,224,756	2,263,549	92,540	968,676	758,134	56,016	1,330,552	1,242,174	102,754

[1] There were 129,965 bales of linters held on oil-mill premises for the United States Government which were not included in stocks held at the plant but were reported as "shipped out." This information was obtained through a supplemental canvass. No data were obtained as to the quantities of such linters not included in stocks held at the close of previous months.

Movement of cotton seed, by states and by periods.—Table 45 shows, by states, the gross receipts, crush, and stocks of cotton seed. This table gives a somewhat local color to the movement of cotton seed to the mills during the season, and in connection

TABLE 45.—COTTON SEED RECEIVED, CRUSHED, AND ON HAND FOR COTTONSEED-

		COTTON SEED RECEIVED AND CRUSHED FROM AUG. 1 TO SPECIFIED DATES, AND QUANTITIES ON HAND AT END OF PERIOD (TONS).				
		1918				
		Aug. 31.	Sept. 30.	Oct. 31.	Nov. 30.	Dec. 31.
	United States:					
1	Received (gross)	146,507	968,472	1,944,124	2,712,387	3,290,508
2	Crushed	47,424	340,325	914,297	1,555,422	2,122,825
3	On hand	137,995	644,168	1,039,860	1,148,517	1,138,125
	Alabama:					
4	Received	3,621	53,546	113,923	163,825	196,785
5	Crushed	628	19,493	60,768	97,867	128,526
6	On hand	4,773	34,059	51,987	64,279	65,236
	Arkansas:					
7	Received	902	43,421	127,224	185,531	232,392
8	Crushed	2,589	15,075	45,446	82,243	119,248
9	On hand	2,845	32,629	85,068	101,470	106,942
	Georgia:					
10	Received	12,904	149,836	288,707	446,682	545,023
11	Crushed	3,794	55,082	147,792	250,902	340,824
12	On hand	15,451	94,767	140,166	192,366	198,638
	Louisiana:					
13	Received	1,812	41,886	92,619	124,340	152,420
14	Crushed	163	13,802	39,209	67,680	93,170
15	On hand	3,227	29,634	54,459	57,588	59,328
	Mississippi:					
16	Received	4,326	91,886	199,658	286,221	357,403
17	Crushed	2,009	23,963	77,058	133,623	187,741
18	On hand	4,689	68,958	122,504	149,175	162,602
	North Carolina:					
19	Received	650	29,236	89,498	173,321	233,450
20	Crushed	374	9,012	46,019	92,606	137,916
21	On hand	700	19,399	42,488	79,659	92,886
	Oklahoma:					
22	Received	958	37,026	111,556	155,030	186,101
23	Crushed	124	10,945	50,154	96,467	139,099
24	On hand	4,432	29,484	64,671	60,319	46,671
	South Carolina:					
25	Received	2,365	55,805	117,079	179,402	233,312
26	Crushed	294	15,873	55,685	105,540	154,430
27	On hand	4,983	40,968	61,286	72,465	76,531
	Tennessee:					
28	Received	249	29,777	98,244	159,354	204,828
29	Crushed	636	11,857	46,229	90,312	125,778
30	On hand	1,540	18,405	52,420	69,095	78,868
	Texas:					
31	Received	117,804	424,114	654,831	759,344	840,010
32	Crushed	36,813	161,585	329,252	507,358	646,181
33	On hand	94,201	267,326	330,473	253,550	192,489
	All other states:					
34	Received	916	11,939	50,785	79,337	108,784
35	Crushed	.....	3,638	16,685	30,824	49,912
36	On hand	1,154	8,539	34,338	48,551	57,934

with the statement of average quantities of products per ton of seed treated, shown on page 90, will prove interesting and instructive to those desiring local information of the industry.

OIL MILLS, BY STATES AND BY PERIODS: AUGUST, 1918, TO JULY, 1919, INCLUSIVE.

COTTON SEED RECEIVED AND CRUSHED FROM AUG. 1 TO SPECIFIED DATES, AND QUANTITIES ON HAND AT END OF PERIOD (TONS)—continued.

1919							
Jan. 31.	Feb. 28.	Mar. 31.	Apr. 30.	May 30.	June 30.	July 31.	
3,713,029	3,980,178	4,165,066	4,342,881	4,508,149	4,574,709	4,602,386	1
2,824,629	3,365,583	3,785,626	4,084,710	4,322,489	4,436,198	4,478,508	2
846,142	559,587	306,609	173,866	92,625	38,157	23,725	3
212,805	225,249	233,719	242,929	249,945	254,989	257,289	4
169,217	199,511	218,602	233,467	242,376	247,822	248,988	5
40,338	21,483	9,945	3,973	1,916	655	693	6
261,252	282,847	294,794	300,239	301,729	307,087	307,371	7
167,258	211,656	247,905	274,426	286,062	294,240	294,243	8
82,901	59,461	34,857	13,739	3,124	284	565	9
632,120	692,722	729,033	789,404	841,275	851,304	863,811	10
467,658	573,699	668,912	739,200	805,033	827,924	841,238	11
157,065	108,429	45,956	33,961	19,667	5,775	4,011	12
171,268	180,956	186,466	189,008	191,845	195,761	196,945	13
125,777	153,511	172,471	182,875	189,253	193,833	195,321	14
45,569	27,515	13,740	5,296	1,266	496	192	15
399,843	425,548	445,077	461,644	480,458	488,367	492,292	16
259,306	319,776	372,835	410,868	442,966	462,965	471,198	17
131,784	92,580	57,561	35,007	19,460	6,871	2,036	18
279,014	304,995	327,089	356,516	385,251	393,650	394,691	19
195,208	248,497	289,842	330,296	366,416	385,168	388,585	20
81,158	53,063	33,558	22,419	14,170	3,313	926	21
206,305	217,968	221,730	222,502	222,859	225,078	225,160	22
186,086	211,935	219,400	220,281	220,751	221,163	221,203	23
19,180	4,832	1,645	812	423	125	135	24
285,884	319,696	347,719	381,019	418,994	431,643	434,326	25
216,904	273,172	319,792	359,475	401,882	418,480	420,808	26
65,865	42,013	22,530	15,674	8,798	3,598	2,728	27
238,848	259,117	269,989	278,369	285,250	289,092	293,245	28
175,475	213,398	246,094	269,204	281,775	286,474	291,840	29
63,140	45,483	23,656	8,882	3,187	2,330	1,095	30
893,051	924,271	950,052	958,182	964,529	968,861	973,945	31
788,601	868,695	919,444	940,676	950,652	952,217	954,688	32
100,739	51,012	23,628	10,153	5,125	7,765	9,037	33
132,639	146,809	159,998	163,069	166,014	168,877	170,311	34
73,139	91,733	110,329	123,942	135,323	145,912	150,396	35
58,403	53,716	40,133	23,950	15,489	6,945	2,307	36

In the following statement the establishments whose operations for the season of 1918–19 are covered by the preceding table are classified according to the quantity of seed crushed:

STATE.	NUMBER OF COTTONSEED-OIL MILLS.						
	Total.	Crushing—					
		Less than 1,000 tons.	1,000 but less than 2,000 tons.	2,000 but less than 5,000 tons.	5,000 but less than 10,000 tons.	10,000 but less than 20,000 tons.	20,000 tons and over.
United States	727	65	80	265	203	90	24
Alabama	50	4	12	19	11	2	2
Arkansas	35	1	0	8	15	11	0
Georgia	124	10	16	48	24	20	6
Louisiana	26	2	1	12	2	8	1
Mississippi	51	1	0	10	25	11	4
North Carolina	63	1	5	32	14	9	2
Oklahoma	54	13	4	19	16	2	0
South Carolina	82	13	13	27	21	6	2
Tennessee	21	1	0	1	6	8	5
Texas	204	16	28	86	62	12	0
All other states	17	3	1	3	7	1	2

YIELD OF PRODUCTS PER TON OF SEED WORKED.

The quantities of the several products obtained per ton of seed crushed in the different states vary considerably. In the western portion of the belt the yield of oil is very much lower than in the eastern section. The relation among the average quantities of the several products that can be obtained from a given quantity of cotton seed depends upon the variety and condition of the seed and the climatic conditions during the growing and harvesting seasons, as well as upon the efficiency of the mill. In this connection attention is called to the fact that there are a number of mills equipped with expeller or cold-process machinery for the expression of the oil. These mills, of course, do not obtain as much oil per ton of seed worked, while the cake and meal also includes the hulls.

The following table, computed from the actual quantities reported, shows, by states, the production of each of the more important products per ton of seed worked for the last three seasons. The average weight of the products obtained per ton of seed crushed for the United States, as a whole, was 1,877 pounds, showing a loss in working of 123 pounds.

TABLE 46.—QUANTITIES OF THE SEVERAL PRODUCTS OBTAINED PER TON OF SEED CRUSHED, BY STATES, FOR THE YEARS ENDING JULY 31, 1917, 1918, AND 1919.

STATE.	PRODUCTS OBTAINED (POUNDS).														
	Total.			Crude oil.			Cake and meal.			Hulls.			Linters.		
	1919	1918	1917	1919	1918	1917	1919	1918	1917	1919	1918	1917	1919	1918	1917
United States	1,877	1,881	1,889	296	309	314	969	972	993	508	467	433	104	133	149
Alabama	1,882	1,865	1,879	300	313	329	972	933	1,004	507	478	374	103	141	172
Arkansas	1,859	1,878	1,874	289	320	309	947	976	1,014	523	443	400	100	139	151
Georgia	1,886	1,874	1,883	310	320	335	947	958	984	532	469	415	97	127	149
Louisiana	1,857	1,854	1,889	295	311	316	1,024	1,043	1,079	438	370	336	100	130	158
Mississippi	1,884	1,892	1,896	305	330	333	1,003	1,007	1,028	473	412	374	103	143	161
North Carolina	1,870	1,845	1,861	319	312	332	958	943	966	502	473	439	91	117	124
Oklahoma	1,867	1,883	1,902	267	289	292	982	997	1,020	503	459	435	115	138	155
South Carolina	1,860	1,853	1,872	312	319	337	959	954	967	495	455	426	94	125	142
Tennessee	1,855	1,910	1,882	292	326	320	957	930	975	509	502	426	97	152	161
Texas	1,885	1,896	1,901	272	285	292	974	971	979	516	508	489	123	132	141
All other states	1,917	1,920	1,901	298	308	312	983	1,011	995	541	463	445	95	138	149

As shown by the table, all of the states show a high average in the quantity of linters obtained, North Carolina with 91 pounds per ton of seed crushed being the lowest, and Texas with 123 pounds the highest. The average cut of linters during the early part of the season was fully up to that of the preceding season, but after the signing of the armistice there was a decided falling off.

REFINING AND MOVEMENT OF COTTONSEED OIL.

Table 47 presents data for refineries and consuming establishments, showing crude oil used in refining and otherwise, and refined oil produced from August 1 to the close of each calendar month; also the quantities of crude and refined oil on hand and in transit to the plants at the close of each month. Table 48 shows the quantities of crude and refined oil held at cottonseed-oil mills, at refineries and in consuming establishments, in transit, and in storage at the close of each month. These tables permit a close study of the movement of cottonseed oil.

TABLE 47.—CRUDE COTTONSEED OIL CONSUMED, ON HAND, AND IN TRANSIT, AND REFINED OIL PRODUCED, ON HAND, AND IN TRANSIT FOR REFINERIES AND CONSUMING ESTABLISHMENTS, BY PERIODS: AUGUST, 1916, TO JULY, 1919, INCLUSIVE.

Period ending with month of—	Year.	COTTONSEED OIL (POUNDS).						
		Crude.				Refined.		
		Aug. 1 to close of month.		On hand at close of month.		Produced. Aug. 1 to close of month.	On hand at close of month.	
		Used in refining.	Consumed without being refined.	At plant.	In transit to plant.		At plant.	In transit. to plant.
Aug.	1918	15,703,796	78,571	2,252,329	1,307,440	13,737,782	173,532,708	12,278,898
	1917	15,227,802	13,966	4,082,053	2,278,665	13,785,513	185,168,108	5,745,224
	1916	5,781,154	1,429,171	2,541,655	(1)	(1)	115,916,386	(1)
Sept.	1918	45,132,372	144,240	2,469,931	17,266,470	40,477,183	105,296,893	12,641,873
	1917	43,288,740	327,054	3,194,635	13,846,355	39,000,761	95,934,141	7,556,711
	1916	37,452,768	2,782,014	2,561,696	(1)	(1)	59,923,765	(1)
Oct.	1918	173,540,529	221,621	5,968,953	38,199,976	157,951,871	86,458,065	16,789,187
	1917	159,504,678	649,541	4,877,967	31,947,455	146,618,255	76,667,213	8,283,875
	1916	207,109,190	3,090,552	5,466,393	(1)	193,556,043	73,322,157	(1)
Nov.	1918	329,827,355	844,951	7,466,248	35,936,311	301,644,461	114,873,866	15,041,686
	1917	313,782,626	930,404	6,789,660	38,816,390	288,999,505	105,435,631	8,293,927
	1916	392,860,963	3,680,116	4,360,625	(1)	362,986,884	114,506,426	(1)
Dec.	1918	492,192,153	845,251	8,662,819	43,367,369	450,463,628	171,665,958	11,619,138
	1917	456,020,272	1,280,314	7,134,132	38,275,805	420,117,259	136,455,978	8,854,994
	1916	552,092,995	3,912,148	6,174,942	(1)	512,670,098	187,043,355	(1)
Jan.	1919	663,346,848	962,595	8,528,503	42,029,747	605,223,232	217,181,924	8,023,401
	1918	612,880,305	1,795,301	7,828,206	39,169,430	564,269,761	186,445,530	12,857,340
	1917	728,701,140	4,015,408	6,203,241	(1)	679,653,320	256,854,583	(1)
Feb.	1919	805,120,054	1,286,059	9,604,865	38,070,040	733,962,565	270,624,847	8,120,350
	1918	758,345,996	1,921,676	10,742,062	46,329,978	699,140,207	222,854,039	10,318,668
	1917	867,773,406	4,130,030	8,597,151	32,129,082	809,184,809	280,557,680	8,713,229
Mar.	1919	914,722,805	1,425,478	7,669,028	27,765,283	830,895,057	283,437,965	11,659,258
	1918	937,806,219	2,066,739	6,639,603	42,693,890	865,308,606	272,509,449	12,021,130
	1917	1,026,762,289	4,164,934	7,458,786	35,173,352	955,670,973	301,832,186	8,814,996
Apr.	1919	1,040,402,167	1,554,249	10,130,392	31,125,261	942,800,640	243,098,416	10,429,985
	1918	1,090,452,924	2,215,708	4,672,294	38,197,163	1,006,684,714	321,966,018	10,446,045
	1917	1,161,591,332	4,195,934	5,373,274	25,441,930	1,080,636,014	302,893,527	10,561,552
May	1919	1,154,322,684	1,555,631	16,200,395	25,094,525	1,043,399,635	190,144,191	12,810,778
	1918	1,188,028,228	2,229,909	5,600,601	22,991,227	1,093,604,918	329,265,365	7,784,002
	1917	1,270,723,101	4,211,434	6,094,044	16,751,240	1,182,187,655	299,609,322	10,003,093
June	1919	1,236,732,785	1,556,858	19,772,554	15,758,725	1,114,400,703	174,568,783	8,454,790
	1918	1,249,387,251	2,287,554	2,930,152	18,882,131	1,151,343,638	298,825,364	12,022,401
	1917	1,340,368,716	4,228,305	4,994,372	8,463,845	1,245,535,087	306,044,287	5,889,711
July	1919	1,296,507,185	1,588,520	12,542,914	7,209,250	1,161,171,736	136,304,476	7,614,431
	1918	1,289,958,756	2,344,773	3,122,835	6,433,196	1,188,213,854	240,823,219	14,230,077
	1917	1,382,228,365	4,981,092	2,918,450	3,371,700	1,281,600,715	279,705,252	3,851,445

[1] Data not collected.

TABLE 48.—STOCKS OF CRUDE AND REFINED COTTONSEED OIL HELD AT END OF CALENDAR MONTHS, AUGUST, 1916, TO JULY, 1919, INCLUSIVE.

DATE.	Year.	COTTONSEED OIL (POUNDS).								
		Crude.					Refined.			
		Total.	At cottonseed-oil mills.	At refineries and consuming establishments.	In transit to refineries and consuming establishments.	In storage	Total.	At refineries and consuming establishments.	In transit to refineries and consuming establishments	In storage and at agencies
Aug. 31	1918	11,015,279	7,406,460	2,252,329	1,307,440	49,050	194,540,068	173,532,708	12,278,898	8,728,462
	1917	13,033,824	6,673,106	4,082,053	2,278,665	.....	201,022,207	185,168,108	5,745,224	10,108,875
	1916	10,243,467	7,201,812	2,541,655	(1)	500,000	127,617,569	115,916,386	(1)	11,701,183
Sept. 30	1918	55,285,533	35,523,668	2,469,931	17,266,470	25,464	124,116,424	105,296,893	12,641,873	6,177,658
	1917	41,769,345	24,728,355	3,194,635	13,846,355	.....	114,797,296	95,934,141	7,556,711	11,306,444
	1916	44,467,867	41,843,901	2,561,696	(1)	62,270	65,585,783	59,923,765	(1)	5,662,018
Oct. 31	1918	89,177,770	44,974,589	5,968,953	38,199,976	34,252	109,062,598	86,458,065	16,789,187	5,815,346
	1917	96,201,460	56,706,038	4,877,967	31,947,455	2,670,000	97,774,104	76,667,213	8,283,875	12,823,016
	1916	72,307,544	66,652,820	5,466,393	(1)	188,331	77,458,296	73,322,157	(1)	4,136,139
Nov. 30	1918	98,153,166	54,733,185	7,466,248	35,936,311	17,422	137,122,230	114,873,866	15,041,686	7,206,678
	1917	141,875,055	93,712,005	6,789,660	38,816,390	2,557,000	127,131,931	105,435,631	8,293,927	13,402,373
	1916	93,384,882	88,958,632	4,360,625	(1)	65,625	119,072,524	114,506,426	(1)	4,566,098
Dec. 31	1918	103,914,523	51,850,083	8,662,819	43,367,369	34,252	189,766,790	171,665,958	11,619,138	6,481,694
	1917	171,390,870	125,958,943	7,134,132	38,275,805	21,990	159,842,964	136,455,978	8,854,994	14,531,992
	1916	101,693,488	95,509,846	6,174,942	(1)	8,700	192,188,866	187,043,355	(1)	5,145,511
Jan. 31	1919	137,453,339	86,860,837	8,528,503	42,029,747	34,252	232,926,985	217,181,924	8,023,401	7,721,660
	1918	195,025,387	148,027,751	7,828,206	39,169,430	.....	208,015,204	186,445,530	12,857,340	8,712,334
	1917	120,901,418	114,692,927	6,203,241	(1)	5,250	261,468,647	256,854,583	(1)	4,614,064
Feb. 28	1919	164,517,778	116,814,282	9,604,865	38,070,040	28,591	285,310,899	270,624,847	8,120,350	6,565,702
	1918	199,512,400	142,350,499	10,742,062	46,329,978	89,861	241,714,401	222,854,039	10,318,668	8,541,694
	1917	171,608,791	130,848,683	8,597,151	32,129,082	33,875	301,962,830	280,557,680	8,713,229	12,691,921
Mar 31	1919	166,093,276	130,636,585	7,669,028	27,765,283	22,380	301,087,328	283,437,965	11,659,258	5,990,105
	1918	152,826,432	103,406,731	6,639,603	42,693,890	86,208	293,243,519	272,509,449	12,021,130	8,712,940
	1917	146,879,968	104,212,830	7,458,786	35,173,352	35,000	320,460,897	301,832,186	8,814,996	9,813,715
Apr. 30	1919	150,771,842	109,379,629	10,130,392	31,125,261	136,560	260,102,735	243,098,416	10,429,985	6,574,334
	1918	120,017,997	77,069,934	4,672,294	38,197,163	78,606	341,818,803	321,966,018	10,446,045	9,406,740
	1917	103,580,459	71,797,755	5,373,274	25,441,930	967,500	328,492,507	302,893,527	10,561,552	15,037,428
May 31	1919	96,674,235	55,365,495	16,200,395	25,094,525	13,820	211,779,299	190,144,191	12,810,778	8,824,330
	1918	73,149,235	44,492,301	5,600,601	22,991,227	65,106	347,892,269	329,265,365	7,784,002	10,842,902
	1917	68,756,248	44,835,405	6,094,044	16,751,240	1,075,559	324,522,087	299,609,322	10,003,093	14,909,672
June 30	1919	56,001,359	20,315,955	19,772,554	15,758,725	154,125	188,738,513	174,568,783	8,454,790	5,714,940
	1918	43,935,293	22,057,904	2,930,152	18,882,131	65,106	320,105,840	298,825,364	12,022,401	9,258,075
	1917	37,556,980	24,098,763	4,994,372	8,463,845	.....	331,351,131	306,044,287	5,889,711	19,417,133
July 31	1919	25,495,597	5,743,333	12,542,914	7,209,350	.....	148,488,608	136,304,476	7,614,431	4,569,701
	1918	16,503,655	6,898,574	3,122,835	6,433,196	49,050	265,875,255	240,823,219	14,230,077	10,821,959
	1917	15,477,352	9,184,052	2,918,450	3,371,700	3,150	298,757,126	279,705,252	3,851,445	15,200,429

[1] Data not collected.

Table 49 shows, by states, the number of active cottonseed-oil mills for the season of 1918–19, together with the quantities of cotton seed crushed and of linters obtained for each crop from 1912 to 1918, inclusive. The linters obtained are given both in running bales and in equivalent 500-pound bales, while the table also shows the number of pounds of linters obtained per ton of seed crushed.

The quantity of seed crushed necessarily depends largely on the size of the cotton crop. There has, however, been an increased percentage of seed used in the mills in recent years because of extraordinary prices obtained for the products manufactured, the proportion for 1918 being 83. 6 per cent of the estimated production. Each of the states shows a marked increase in the average pounds of linters obtained per ton of seed, the increase for the United States during the period covered by the table being from 67 to 149 pounds. The highest average is shown for Alabama, where the increase was from 56 to 172 pounds.

TABLE 49.—NUMBER OF COTTONSEED-OIL MILLS, QUANTITY OF SEED CRUSHED, AND QUANTITY OF LINTERS OBTAINED, BY STATES: CROPS OF 1912 TO 1918.

ITEM AND CROP YEAR.	United States.	Alabama.	Arkansas.	Florida.	Georgia.	Louisiana.	Mississippi.	Missouri.	North Carolina.	Oklahoma.	South Carolina.	Tennessee.	Texas.	All other states.
Active cottonseed-oil mills, 1918, number	727	50	35	(1)	124	26	51	(1)	63	54	82	21	204	[2] 17
Cotton seed crushed, tons:														
1918	4,478,508	248,988	294,243	(1)	841,238	195,321	471,198	(1)	388,585	221,203	420,808	291,840	954,688	150,396
1917	4,251,680	180,118	299,524	(1)	764,457	200,712	426,432	(1)	262,330	304,946	338,443	234,856	1,121,339	118,523
1916	4,479,176	197,589	368,301	(1)	766,684	174,101	387,670	(1)	264,099	306,839	261,101	290,948	1,349,516	112,328
1915	4,202,313	328,115	268,687	(1)	791,492	138,262	376,036	24,540	297,633	229,419	327,662	226,440	1,123,382	70,645
1914	5,779,665	502,374	314,308	33,150	1,053,927	175,924	527,905	32,226	387,765	410,733	460,757	277,930	1,514,505	88,161
1913	4,767,802	428,447	305,042	23,650	861,177	153,526	502,326	27,994	317,955	249,721	411,292	259,556	1,166,369	60,747
1912	4,579,508	347,224	249,360	19,069	630,836	151,742	393,635	22,419	309,800	337,617	340,555	164,703	1,570,966	41,582
Linters obtained:														
Running bales—														
1918	910,236	51,938	56,436	(1)	163,248	37,336	93,452	(1)	68,895	49,014	82,040	53,409	225,884	28,584
1917	1,096,422	51,712	80,789	(1)	189,169	50,495	114,891	(1)	59,710	78,591	85,236	66,543	287,617	31,669
1916	1,300,163	68,028	110,110	(1)	222,819	54,910	122,260	(1)	64,315	90,894	72,732	88,509	371,642	33,944
1915	944,640	79,220	58,277	(1)	182,683	31,734	87,436	5,370	57,599	54,283	70,923	57,834	243,491	15,790
1914	832,401	69,924	46,242	3,060	141,478	24,689	78,781	4,062	45,497	68,929	58,416	41,601	238,395	11,327
1913	631,153	53,860	40,671	2,621	110,629	21,823	60,766	3,390	34,998	38,536	46,580	34,671	176,202	6,397
1912	602,324	38,839	34,084	1,415	76,185	17,927	45,228	2,433	28,729	52,016	35,517	22,292	243,314	4,345
Equivalent 500-pound bales—														
1918	929,516	51,412	58,596	(1)	164,670	39,095	97,267	(1)	69,528	50,684	79,422	55,481	234,458	28,903
1917	1,125,719	50,177	83,051	(1)	190,964	51,853	122,018	(1)	60,936	81,123	84,995	71,650	296,981	31,971
1916	1,330,714	68,250	111,813	(1)	227,757	55,264	124,678	(1)	65,534	95,327	74,279	93,929	380,355	33,528
1915	931,141	76,879	58,030	(1)	178,249	31,609	88,331	5,261	55,177	54,131	67,785	57,963	241,675	16,051
1914	856,900	71,182	48,165	3,249	139,885	25,851	83,730	4,401	44,784	74,781	57,243	43,904	248,027	11,698
1913	638,881	53,960	42,049	2,409	108,799	22,368	64,658	3,538	33,321	40,867	45,016	35,739	179,525	6,632
1912	609,594	39,161	35,106	1,283	74,909	18,398	47,881	2,529	26,929	54,857	34,131	23,247	246,638	4,525
Average per ton of seed crushed (pounds)—														
1918	104	103	100	(1)	97	100	103	(1)	91	115	94	97	123	95
1917	132	139	139	(1)	125	129	143	(1)	116	133	126	153	132	135
1916	149	172	151	(1)	149	158	161	(1)	124	155	142	161	141	149
1915	106	112	103	(1)	108	109	112	102	88	113	99	122	103	109
1914	74	71	77	49	66	73	79	68	58	91	62	79	82	66
1913	67	63	69	51	63	73	64	63	52	82	55	69	77	55
1912	67	56	70	34	59	61	61	56	43	81	50	71	78	54

[1] Included in "All other states."

[2] Includes Arizona, 3; California, 6; Florida, 4; Illinois, 2; Kentucky, 1; Missouri, 1.

IMPORTS AND EXPORTS.

Table 50 presents statistics showing the quantities of cottonseed oil imported and cottonseed products exported to the close of each month from the beginning of August, 1918, to the end of July, 1919.

TABLE 50.—IMPORTS OF COTTONSEED OIL AND EXPORTS OF COTTONSEED OIL, CAKE, MEAL, AND LINTERS FROM AUGUST, 1918, TO JULY, 1919, INCLUSIVE.

MONTH.	AUG. 1 TO CLOSE OF MONTH.				
	Imports.	Exports.			
	Oil (pounds).	Oil (pounds).	Cake (tons).	Meal (tons).	Linters (500-pound bales).
August	399,120	3,500,256	.....	1	12,305
September	1,527,764	5,670,544	.....	2	29,158
October	4,286,870	9,347,964	.....	289	44,888
November	4,334,515	16,242,602	.....	695	58,141
December	4,904,014	28,117,970	1	2,879	60,149
January	6,914,846	54,691,279	11,255	11,344	60,389
February	8,481,808	86,733,561	16,804	29,302	60,483
March	11,194,336	106,403,221	34,938	52,565	61,791
April	13,285,430	120,347,205	58,815	60,239	62,762
May	15,905,266	132,929,252	79,907	60,392	63,655
June	17,356,022	163,623,328	89,574	66,230	67,452
July	19,059,178	174,268,624	97,449	72,342	69,470

COMPARATIVE DATA FOR THE INDUSTRY.

The remarkable development of the cottonseed-products industry in the United States is indicated in Table 51, which shows the estimated quantity of cotton seed produced, the quantity utilized for manufacturing purposes, and the estimated quantities and values of crude products manufactured, together with statistics regarding the exports of cotton seed and its products for a series of years.

TABLE 51.—ESTIMATED QUANTITY OF COTTON SEED PRODUCED, QUANTITY OF COTTONSEED CRUSHED, ESTIMATED QUANTITIES AND VALUES OF CRUDE PRODUCTS OBTAINED, AND EXPORTS OF COTTONSEED PRODUCTS: 1874 TO 1918.

[In the preparation of this table a number of sources of information have been utilized, but it has been found impracticable to secure in all instances satisfactory data for the years indicated, and only an approximation to the facts is claimed. Statistics of the quantity of seed produced and the quantity crushed and of cottonseed products relate to the growth year, while the statistics of exports are for the year ending June 30, following.]

YEAR.	COTTON SEED—		CRUDE COTTONSEED PRODUCTS.									EXPORTS.		
				Oil.		Cake and meal.		Hulls.		Linters.			Cottonseed products.	
	Produced (tons).	Crushed (tons).	Total value.	Quantity (gallons).	Value.	Quantity (tons).	Value.	Quantity (tons).	Value.	Quantity (bales of 500 pounds net).	Value.	Cotton seed (tons).	Oil (gallons).	Cake and meal (tons).
1918	5,360,000	4,478,508	$383,580,000	176,711,000	$227,316,000	2,170,000	$116 119,000	1,137,000	$17,917,000	889,500	$22,228,000	802	23,827,978	155,813
Alabama	356,000	248,988	21,426,000	9,968,000	12,909,000	121,000	6,334,000	63,000	996,000	49,190	1,187,000	.....	.....	.....
Arkansas	439,000	294,243	24,527,000	11,345,000	14,170,000	139,000	7,756,000	77,000	1,054,000	56,215	1,547,000	.....	.....	.....
Georgia	947,000	841,238	73,067,000	34,742,000	44,922,000	398,000	20,829,000	224,000	3,535,000	155,517	3,781,000	.....	.....	.....
Louisiana	261,000	195,321	16,454,000	7,678,000	9,444,000	100,000	5,405,000	43,000	671,000	37,459	934,000	.....	.....	.....
Mississippi	545,000	471,198	39,925,000	19,159,000	23,968,000	236,000	12,220,000	112,000	1,496,000	93,313	2,241,000	.....	.....	.....
North Carolina	398,000	388,585	34,515,000	16,512,000	21,597,000	186,000	9,755,000	97,000	1,451,000	67,524	1,712,000	.....	.....	.....
Oklahoma	256,000	221,203	18,484,000	7,866,000	10,178,000	109,000	5,969,000	56,000	1,052,000	48,723	1,285,000	.....	.....	.....
South Carolina	699,000	420,808	36,892,000	17,512,000	22,889,000	202,000	10,438,000	104,000	1,680,000	75,784	1,885,000	.....	.....	.....
Tennessee	147,000	291,840	24,142,000	11,356,000	14,422,000	140,000	7,386,000	74,000	975,000	53,997	1,359,000	.....	.....	.....
Texas	1,199,000	954,688	81,137,000	34,588,000	44,999,000	465,000	25,936,000	246,000	4,645,000	224,540	5,557,000	.....	.....	.....
All other states	113,000	150,396	13,011,000	5,985,000	7,818,000	74,000	4,091,000	41,000	362,000	27,238	740.000	.....	.....	.....
1917	5,040,000	4,251,080	360,736,000	174,996,000	217,902,000	2,068,000	97,352,000	996,000	18,878,000	1,080,802	26,604,000	783	13,437,331	22,340
1916	5,113,000	4,479,176	287,192,000	187,688,000	153,419,000	2,225,000	74,586,000	969,000	13,994,000	1,273,345	45,193,000	501	21,198,086	575,080
1915	4,992,000	4,202,313	180,260,000	167,110,000	87,940,000	1,923,000	53,860,000	1,220,000	12,340,000	889,577	26,120,000	1,238	35,534,941	528,611
1914	7,186,000	5,779,665	152,880,000	229,260,000	80,540,000	2,648,000	57,740,000	1,677,000	8,450,000	820,274	6,150,000	3,157	42,448,870	739,533
1913	6,305,000	4,847,628	159,670,000	193,330,000	81,020,000	2,220,000	59,810,000	1,400,000	11,210,000	660,087	7,630,000	8,171	25,728,411	399,987
1912	6,104,000	4,579,508	132,230,000	185,750,000	69,100,000	1,999,000	45,970,000	1,540,000	9,710,000	583,091	7,450,000	12,024	42,031,052	564,046
1911	6,997,000	4,921,073	131,340,000	201,650,000	66,580,000	2,151,000	49,720,000	1,642,000	9,890,000	533,099	5,150,000	32,030	53,262,796	646,845
1910	5,175,000	4,106,000	142,710,000	167,970,000	80,430,000	1,792,000	44,660,000	1,375,000	11,370,000	379,576	6,250,000	6,612	30,069,459	402,298
1909 [1]	4,462,000	3,269,000	105,720,000	131,000,000	55,230,000	1,326,000	35,910,000	1,189,000	9,810,000	296,640	4,770,000	12,466	29,860,667	320,044
1908	5,904,000	3,670,000	86,090,000	146,790,000	44,090,000	1,492,000	33,580,000	1,330,000	6,080,000	330,277	2,340,000	25,813	51,087,329	875,164
1907	4,952,000	2,565,000	65,980,000	103,050,000	33,390,000	1,043,000	23,300,000	927,000	6,370,000	256,487	2,920,000	14,239	41,019,991	466,446

1906	5,913,000	3,844,000	94,380,000	153,760,000	43,050,000	1,563,000	39,140,000	1,393,000	8,840,000	307,518	3,350,000	8,814	41,880,304	670,484
1905	5,060,000	3,131,000	64,950,000	125,700,000	26,400,000	1,272,000	29,250,000	1,135,000	5,110,000	219,397	4,190,000	11,859	43,793,519	555,417
1904	6,427,000	3,345,000	69,310,000	133,820,000	31,340,000	1,360,000	27,770,000	1,213,000	5,590,000	235,586	4,610,000	10,551	51,535,580	625,954
1903	4,716,000	3,241,000	73,930,000	121,880,000	39,000,000	1,156,000	24,840,000	1,528,000	5,710,000	194,486	4,380,000	6,430	29,013,743	410,175
1902	5,092,000	3,269,000	71,290,000	122,910,000	40,500,000	1,165,000	23,310,000	1,541,000	5,390,000	150,366	2,030,000	25,811	35,642,994	550,196
1901	4,630,000	3,154,000	62,980,000	118,610,000	33,210,000	1,125,000	21,930,000	1,487,000	6,320,000	145,103	1,520,000	28,202	33,042,848	525,233
1900	4,830,000	2,415,000	48,230,000	96,610,000	26,080,000	845,000	16,270,000	1,139,000	3,990,000	111,096	1,890,000	21,665	49,356,741	629,344
1899	4,668,000	2,479,000	42,410,000	93,330,000	21,390,000	884,000	16,030,000	1,169,000	3,190,000	114,544	1,800,000	24,928	46,902,390	571,852
1898	5,472,000	2,353,000	27,960,000	94,110,000	13,180,000	823,000	14,780,000	.....	.....	.....	.....	17,222	50,627,219	539,997
1897	5,253,000	2,101,000	26,680,000	84,040,000	12,610,000	735,000	14,070,000	.....	.....	.....	.....	16,382	40,230,784	459,864
1896	4,070,000	1,628,000	26,260,000	65,120,000	11,720,000	570,000	14,540,000	.....	.....	.....	.....	13,283	27,198,882	311,693
1895	3,416,000	1,435,000	20,180,000	57,390,000	11,480,000	502,000	8,700,000	.....	.....	.....	.....	13,490	19,445,848	202,469
1894	4,792,000	1,677,000	24,870,000	67,090,000	13,420,000	587,000	11,450,000	.....	.....	.....	.....	5,526	21,187,728	244,858
1893	3,579,000	1,431,000	28,500,000	57,260,000	16,600,000	501,000	11,900,000	.....	.....	.....	.....	2,710	14,958,309	.....
1892	3,183,000	1,050,000	18,630,000	42,010,000	10,080,000	368,000	8,550,000	.....	.....	.....	.....	2,260	9,462,074	.....
1891	4,274,000	1,068,000	20,520,000	42,740,000	11,540,000	374,000	8,980,000	.....	.....	.....	.....	6,075	13,859,278	.....
1890	4,093,000	1,023,000	19,790,000	40,930,000	11,460,000	358,000	8,330,000	.....	.....	.....	.....	5,054	11,003,160	.....
1889	3,495,000	874,000	16,400,000	34,950,000	10,130,000	306,000	6,270,000	.....	.....	.....	.....	3,830	13,384,385	.....
1888	3,310,000	794,000	20,370,000	31,770,000	13,980,000	278,000	6,390,000	.....	.....	.....	.....	5,687	2,690,700	.....
1887	3,291,000	823,000	17,130,000	32,910,000	11,520,000	288,000	5,610,000	.....	.....	.....	.....	3,109	4,458,597	.....
1886	3,018,000	694,000	12,820,000	27,770,000	8,050,000	243,000	4,770,000	.....	.....	.....	.....	5,616	4,067,138	.....
1885	3,045,000	578,000	10,970,000	23,140,000	6,710,000	202,000	4,260,000	.....	.....	.....	.....	5,897	6,240,139	.....
1884	2,625,000	499,000	10,470,000	19,950,000	6,980,000	174,000	3,490,000	.....	.....	.....	.....	5,523	6,364,279	.....
1883	2,639,000	396,000	9,850,000	15,840,000	6,020,000	138,000	3,830,000	.....	.....	.....	.....	2,837	3,605,946	.....
1882	3,266,000	392,000	10,640,000	15,680,000	7,060,000	137,000	3,580,000	.....	.....	.....	.....	5,900	415,611	.....
1881	2,455,000	295,000	8,380,000	11,780,000	5,420,000	103,000	2,960,000	.....	.....	.....	.....	5,951	713,549	.....
1880	3,039,000	182,000	4,610,000	7,290,000	2,770,000	64,000	1,840,000	.....	.....	.....	.....	5,814	3,444,084	.....
1879	2,616,000	235,000	5,640,000	9,420,000	3,670,000	82,000	1,970,000	.....	.....	.....	.....	6,071	6,997,796	.....
1878	2,268,000	181,000	3,810,000	7,260,000	2,400,000	64,000	1,410,000	.....	.....	.....	.....	8,199	5,352,530	.....
1877	2,148,000	150,000	3,910,000	6,020,000	2,650,000	53,000	1,260,000	.....	.....	.....	.....	8,379	4,992,349	.....
1876	1,969,000	98,000	2,610,000	3,940,000	1,770,000	34,000	840,000	.....	.....	.....	.....	5,155	1,705,422	.....
1875	2,057,000	123,000	3,970,000	4,940,000	2,670,000	43,000	1,300,000	.....	.....	.....	.....	2,582	281,054	.....
1874	1,687,000	84,000	2,530,000	3,370,000	1,590,000	30,000	940,000	.....	.....	.....	.....	2,658	417,387	.....

[1] The figures of the Thirteenth Census are not shown in this table because they do not represent a single growth year.

TABLE 52.—QUANTITY OF SEA-ISLAND COTTON GINNED FROM THE CROPS OF 1914 TO 1918, BY COUNTIES.

[Cotton shown in this table is also included in Tables 53 and 54.]

COUNTY.	SEA-ISLAND CROP (BALES)—					SEA-ISLAND COTTON GINNED TO DEC. 13 (BALES)—				
	1918	1917	1916	1915	1914	1918	1917	1916	1915	1914
FLORIDA.										
The state	20,571	37,327	36,092	28,094	33,662	12,269	35,204	34,728	26,721	30,488
Alachua	4,996	11,896	7,883	6,119	6,928	3,752	11,146	7,612	5,980	6,436
Baker	550	1,559	1,345	1,167	823	136	1,400	1,188	1,162	657
Bradford	887	5,783	4,256	3,071	3,348	450	5,710	4,114	3,023	3,086
Columbia	1,994	3,942	3,236	1,983	2,825	1,322	3,890	3,026	1,895	2,695
Hamilton	1,388	2,956	3,966	3,868	5,407	874	2,772	3,873	3,761	4,645
Lafayette	197	1,130	807	449	715	83	1,076	755	403	647
Lake	804	.....	.....	.....	.....	387	.....	.....	.....	.....
Madison	500	1,841	7,289	5,833	6,400	193	1,795	7,129	5,458	5,920
Marion	1,324	1,260	465	(1)	(1)	983	827	458	(1)	(1)
Polk	387	.....	.....	.....	.....	271	.....	.....	.....	.....
Suwannee	4,265	6,334	6,466	4,894	6,432	1,945	6,023	6,206	4,385	5,772
Volusia	213	.....	.....	.....	.....	65	.....	.....	.....	.....
All other	3,066	626	379	710	784	1,808	565	367	654	630
GEORGIA.										
The state	21,279	47,979	77,981	57,572	42,395	14,035	43,013	73,028	52,937	37,395
Appling [2]	468	1,269	1,373	1,063	820	292	1,228	1,300	957	1,358
Bacon [2]	646	1,512	1,590	1,426	937	205	1,403	1,509	1,246	.....
Berrien [3]	436	5,342	15,091	13,015	8,649	349	5,203	14,148	12,292	7,777
Brooks	40	904	7,298	4,381	1,645	37	899	7,083	4,222	1,525
Bulloch [4,5]	4,562	5,223	3,945	2,369	1,823	2,940	4,273	3,307	2,132	1,761
Candler [4]	1,293	1,254	790	470	151	527	1,052	759	419	.....
Clinch	165	350	662	686	855	109	281	626	645	701
Coffee	631	4,126	7,842	5,190	2,723	506	3,946	7,408	4,833	2,189
Colquitt	.....	296	2,349	1,472	564	.....	291	2,309	1,422	533
Cook [3]	226	.....	.....	.....	.....	131	.....	.....	.....	.....
Emanuel [4]	1,218	988	1,225	461	.....	669	741	1,113	416	14
Evans [5]	1,451	2,698	2,730	1,958	1,435	997	2,257	2,515	1,685	.....
Lowndes	986	6,048	14,508	12,429	11,404	978	5,986	13,780	11,594	10,571
Pierce [2]	2,845	6,555	6,040	4,347	4,241	1,567	5,925	5,654	3,756	3,950
Tattnall [4,5]	3,774	5,062	5,201	3,657	3,813	3,259	4,433	4,655	3,089	4,405
Ware [2]	90	531	859	569	421	48	523	814	517	357
Wayne	1,587	3,206	3,565	2,659	2,165	1,119	2,725	3,320	2,379	1,845
All other	861	2,615	2,913	1,420	749	302	1,847	2,728	1,333	409
SOUTH CAROLINA.										
The state	10,358	7,313	3,486	6,178	5,597	4,934	5,071	2,407	4,452	3,518
Beaufort	1,688	1,093	952	860	997	707	359	577	456	477
Charleston	8,670	6,220	2,517	5,306	4,600	4,227	4,712	1,819	3,984	3,041
All other	.....	.....	17	12	.....	.....	.....	11	12	.....

[1] Included in "All other counties," to avoid disclosure of individual operations.
[2] Bacon County organized from parts of Appling, Pierce, and Ware, Jan. 1, 1915.
[3] Cook County organized from part of Berrien, Jan. 1, 1919.
[4] Candler County organized from parts of Bulloch, Emanuel, and Tattnall, Jan. 1, 1915.
[5] Evans County organized from parts of Bulloch and Tattnall, Jan. 1, 1915.

TABLE 53.—NUMBER OF GINNERIES IN 1918 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1916 TO 1918, BY COUNTIES.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1918		1918	1917	1916	1918	1917	1916	1918	1917	1916
ALABAMA. (See map, p. 128.)											
The state	1,773	624	789,265	520,906	552,679	800,622	517,890	533,402	726,327	464,693	531,885
Autauga	23	14	10,732	4,721	3,837	11,035	4,737	3,751	10,502	4,671	3,781
Baldwin	12	1	1,731	410	59	1,700	416	53	1,580	281	49
Barbour	56	25	12,306	8,383	11,804	12,284	8,292	11,969	11,942	8,302	11,713
Bibb	12	10	4,054	1,004	827	4,164	1,057	816	3,539	998	801
Blount	27	7	10,971	7,994	10,204	11,028	7,319	9,375	10,320	6,877	9,742
Bullock	25	16	9,643	5,631	6,713	9,589	5,431	6,179	9,431	5,509	6,684
Butler	31	12	9,711	4,870	3,543	9,760	4,912	3,413	9,540	4,736	3,455
Calhoun	39	10	15,417	11,938	14,485	15,636	11,651	13,769	13,668	10,172	13,893
Chambers	41	3	23,830	17,185	24,146	24,292	17,175	24,170	22,953	16,328	23,427
Cherokee	54	2	18,407	13,893	11,549	18,558	13,693	11,069	16,394	11,091	10,656
Chilton	18	5	9,640	3,704	3,777	9,659	3,612	3,611	9,305	3,670	3,747
Choctaw	24	11	5,205	2,565	1,459	5,229	2,557	1,390	4,926	2,353	1,388
Clarke	39	13	8,849	4,724	2,615	8,900	4,715	2,629	7,726	4,484	2,426
Clay	40	12	8,341	4,908	11,234	8,338	4,672	10,556	7,816	4,336	10,319
Cleburne	27	.....	5,286	4,420	5,709	4,959	4,196	5,367	4,398	3,574	5,395
Coffee	19	9	7,977	7,039	7,591	7,634	6,798	7,126	7,528	7,010	7,576
Colbert	19	5	14,570	11,164	10,620	15,453	11,718	10,758	12,375	9,730	10,313
Conecuh	20	15	7,675	4,157	2,312	7,465	4,261	1,975	7,035	4,041	2,236
Coosa	11	17	1,417	521	3,193	1,351	503	2,888	1,225	425	3,015
Covington	14	1	10,946	6,566	3,147	10,414	6,406	3,027	10,615	6,536	3,122
Crenshaw	18	17	6,960	4,898	5,562	6,854	4,925	5,516	6,394	4,602	5,282
Cullman	35	5	21,772	19,183	18,436	22,312	19,045	17,750	20,260	16,220	18,038
Dale	12	10	4,622	3,610	5,520	4,445	3,177	4,833	4,375	3,464	5,466
Dallas	56	12	24,955	14,235	8,298	25,664	14,560	7,755	24,665	14,124	8,229
Dekalb	42	8	19,712	15,649	16,265	19,586	14,497	15,364	17,652	11,309	14,759
Elmore	39	4	16,038	9,028	8,702	16,230	8,976	8,310	14,946	8,416	8,452
Escambia	14	6	8,216	5,044	1,482	8,341	5,127	1,412	7,843	5,022	1,411
Etowah	29	5	15,049	11,887	11,974	15,266	11,809	11,402	13,462	9,237	10,497
Fayette	35	13	6,444	2,784	3,476	6,655	2,819	3,219	5,781	2,588	3,377
Franklin	16	7	12,493	6,358	8,917	12,725	6,372	8,191	10,260	5,682	8,515
Geneva	16	6	14,017	10,722	8,789	13,748	10,475	8,128	13,365	10,706	8,782
Greene	10	7	5,810	2,463	1,585	5,736	2,313	1,414	5,568	2,412	1,575
Hale	24	.....	10,314	4,646	2,577	10,671	4,564	2,484	9,974	4,577	2,564
Henry	24	6	10,402	8,297	10,048	10,543	8,244	10,012	9,868	8,182	10,004
Houston	14	8	8,884	8,339	10,421	9,001	8,272	10,333	8,675	8,293	10,404
Jackson	24	5	15,139	10,024	11,902	15,412	10,102	12,121	12,652	6,548	10,479
Jefferson	20	22	2,097	1,013	3,104	2,040	999	2,972	1,920	795	2,948
Lamar	21	16	9,072	3,725	2,719	9,172	3,624	2,474	8,255	3,575	2,616
Lauderdale	34	.....	23,145	17,264	18,630	23,863	17,319	17,412	17,951	13,410	17,587
Lawrence	21	.....	21,645	14,891	14,426	22,706	15,350	14,844	19,060	12,566	13,921
Lee	32	12	14,708	9,775	17,681	14,999	9,795	17,826	14,220	9,625	17,201
Limestone	31	5	23,110	18,624	19,028	24,242	19,637	18,975	20,166	14,653	18,021
Lowndes	34	14	8,222	4,184	3,137	8,243	4,180	3,150	8,010	4,150	3,077
Macon	28	4	16,307	9,176	8,927	16,424	9,121	8,752	16,188	9,155	8,919
Madison	35	10	34,720	26,484	26,254	36,775	27,390	26,784	30,470	21,291	24,839
Marengo	31	4	17,864	11,328	6,180	18,307	11,711	5,766	17,189	11,024	6,014
Marion	21	7	7,951	4,266	5,810	8,034	4,263	5,418	7,271	3,927	5,657
Marshall	31	7	24,142	25,251	20,947	24,538	24,695	18,953	21,932	19,945	19,706
Mobile	4	2	1,048	262	.....	1,043	266	.....	1,039	261	.....
Monroe	48	9	15,578	10,877	4,473	15,846	11,190	4,608	14,539	10,144	4,205
Montgomery	29	17	15,231	8,272	7,496	14,993	8,267	7,393	14,584	7,990	7,352
Morgan	31	10	23,478	20,263	19,423	24,267	20,202	19,652	19,523	16,371	18,369
Perry	21	17	11,681	5,735	3,394	12,015	5,701	3,230	11,176	5,579	3,368
Pickens	12	8	7,201	2,996	1,475	7,120	2,838	1,350	6,720	2,961	1,457
Pike	23	15	7,793	4,953	8,345	7,768	5,067	8,151	7,567	4,876	8,321
Randolph	42	3	15,888	11,342	15,146	16,060	11,043	14,449	14,479	10,231	14,585
Russell	47	12	14,267	8,955	11,351	13,950	8,787	10,636	13,604	8,822	11,260
St. Clair	16	.....	5,433	3,436	7,248	5,447	3,266	6,932	5,061	3,212	7,063
Shelby	13	11	3,362	1,120	3,147	3,418	1,108	2,905	3,271	1,060	3,060

TABLE 53.—NUMBER OF GINNERIES IN 1918 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1916 TO 1918, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1918		1918	1917	1916	1918	1917	1916	1918	1917	1916
ALABAMA—Continued.											
Sumter	18	22	5,938	2,648	2,159	5,892	2,578	1,823	5,718	2,607	2,152
Talladega	28	9	13,867	8,333	20,000	14,039	7,743	18,904	13,321	8,063	19,748
Tallapoosa	26	19	10,238	5,442	11,924	10,237	5,229	11,387	9,882	5,289	11,781
Tuscaloosa	28	25	9,844	3,309	2,521	10,049	3,359	2,425	8,911	3,218	2,424
Walker	16	16	3,047	1,234	3,992	3,260	1,153	3,764	2,834	1,155	3,877
Washington	9	2	2,172	799	239	2,236	812	237	1,752	685	225
Wilcox	45	11	14,647	7,603	4,118	14,986	7,693	3,947	14,426	7,544	4,104
Winston	19	8	8,034	4,382	6,607	8,016	4,106	6,088	7,230	4,003	6,456
ARKANSAS. (See map, p. 129.)											
The state	1,618	233	957,118	953,587	1,102,671	987,340	973,752	1,134,033	801,373	827,573	1,044,651
Arkansas	8	3	3,412	3,734	4,937	3,473	3,706	5,008	2,763	3,288	4,823
Ashley	19	3	19,849	18,008	12,250	20,651	18,725	12,441	16,062	16,785	12,151
Baxter	20	5	3,308	2,621	1,961	3,320	2,631	1,848	2,259	2,031	1,817
Boone	3	1	874	636	411	873	650	358	667	469	380
Bradley	15	3	6,067	6,865	5,691	6,219	7,116	5,766	5,648	6,693	5,645
Calhoun	18	2	5,779	7,131	6,271	6,209	7,489	6,330	5,452	7,025	6,182
Chicot	34	1	25,153	22,396	16,924	25,711	22,033	16,927	17,142	17,717	15,570
Clark	25	5	13,140	14,053	11,854	13,190	14,064	11,937	12,389	13,624	11,811
Clay	14	2	10,778	14,524	11,858	10,840	14,210	11,946	7,440	10,439	11,665
Cleburne	13	1	3,154	4,030	4,379	3,244	4,060	4,495	2,713	3,558	4,303
Cleveland	21	5	7,858	10,266	10,073	7,712	10,309	10,152	7,271	10,022	10,026
Columbia	38	7	20,281	20,627	22,607	20,699	20,879	22,774	19,267	20,236	22,303
Conway	30	6	18,389	21,228	21,104	19,467	22,030	21,741	16,531	18,425	20,466
Craighead	20	.....	17,425	15,461	19,746	17,348	15,835	20,541	11,500	11,408	18,935
Crawford	19	2	13,063	18,138	12,652	13,565	18,922	12,852	11,765	15,264	12,417
Crittenden	61	3	51,022	24,744	59,192	53,889	25,635	61,796	38,882	18,867	51,999
Cross	17	.....	15,077	8,645	13,218	15,982	8,932	13,940	12,513	6,901	12,622
Dallas	16	5	5,660	5,882	5,129	5,762	6,014	5,159	5,236	5,672	5,088
Desha	28	7	16,281	14,639	19,345	16,620	14,636	19,670	11,140	12,843	17,646
Drew	21	6	11,701	13,434	13,627	12,015	13,848	13,493	9,891	12,158	13,434
Faulkner	26	2	14,342	19,391	21,792	14,913	20,132	22,441	13,098	17,714	21,485
Franklin	20	4	9,213	13,596	8,788	9,336	13,887	8,741	8,347	12,144	8,711
Fulton	16	.....	4,052	4,013	2,869	4,075	4,089	2,887	2,826	3,003	2,774
Garland	11	3	2,968	2,831	1,833	2,850	2,857	1,920	2,687	2,354	1,779
Grant	13	3	4,035	5,100	4,065	3,992	5,045	4,024	3,722	4,827	3,928
Greene	12	3	10,766	12,050	12,070	10,473	11,353	12,302	8,351	8,779	11,638
Hempstead	29	6	18,812	19,000	18,672	19,527	19,171	18,933	18,230	18,432	18,636
Hot Spring	19	3	3,991	4,613	4,253	3,945	4,526	4,210	3,786	4,517	4,224
Howard	20	1	11,300	13,344	11,614	11,766	14,001	11,461	10,546	13,048	11,588
Independence	22	2	9,418	11,006	13,147	9,286	11,129	13,097	7,304	9,560	12,575
Izard	35	6	5,931	4,654	4,415	5,978	4,452	4,241	4,702	3,782	4,297
Jackson	32	6	28,194	28,659	34,626	29,666	29,140	34,460	21,000	23,336	34,251
Jefferson	79	5	44,560	44,788	59,149	44,943	45,155	59,303	34,892	39,295	52,981
Johnson	16	2	12,265	13,823	11,152	12,231	13,679	10,974	10,996	12,279	10,890
Lafayette	16	3	12,282	12,961	11,416	12,899	13,088	11,982	11,545	12,193	11,365
Lawrence	23	5	13,998	14,664	21,179	14,709	14,324	20,340	9,799	10,736	20,802
Lee	36	4	26,862	21,660	40,887	29,446	23,085	45,360	22,446	17,825	36,651
Lincoln	26	4	14,184	14,847	19,730	13,915	14,553	19,343	11,224	12,960	18,596
Little River	12	2	15,750	15,845	14,257	16,682	16,694	14,802	14,343	14,974	14,156
Logan	32	1	14,518	22,058	16,525	14,794	22,874	16,773	13,130	20,211	16,351
Lonoke	43	4	27,603	28,653	42,819	28,150	29,851	44,163	24,666	25,812	40,648
Marion	10	2	1,966	1,771	1,290	1,969	1,767	1,314	1,492	1,534	1,114
Miller	18	10	12,422	11,323	11,860	12,829	11,443	12,043	10,817	10,432	11,761
Mississippi	49	7	64,720	41,261	62,971	65,587	40,956	65,742	51,888	32,555	55,997
Monroe	18	4	13,664	16,651	24,415	14,957	17,580	26,603	12,777	14,282	22,686

TABLE 53.—NUMBER OF GINNERIES IN 1918 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1916 TO 1918, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1918		1918	1917	1916	1918	1917	1916	1918	1917	1916
ARKANSAS—Continued.											
Montgomery	14	2	2,276	3,395	3,749	2,203	3,468	3,765	2,079	3,171	3,739
Nevada	26	1	12,619	14,501	13,819	12,993	15,325	14,037	11,811	13,535	12,496
Ouachita	31	6	10,022	9,393	9,048	10,090	9,416	9,062	9,494	9,249	8,985
Perry	14	.....	3,629	6,773	5,920	3,775	6,980	6,049	3,429	6,103	5,867
Phillips	45	.....	36,898	37,602	58,106	39,223	39,926	62,522	30,535	30,308	50,584
Pike	10	6	4,361	4,694	3,853	4,402	4,581	3,823	3,899	4,601	3,812
Poinsett	14	.....	20,065	11,605	17,349	21,056	12,160	18,296	15,699	9,426	16,562
Polk	14	.....	5,263	5,610	4,181	5,294	5,785	4,294	4,742	4,834	4,108
Pope	24	1	17,848	24,701	21,602	18,205	25,264	21,827	16,299	20,743	21,206
Prairie	14	4	5,412	8,337	9,782	5,775	8,841	10,238	4,581	6,872	9,324
Pulaski	47	9	21,243	19,872	28,385	22,004	20,321	29,015	17,561	16,381	25,962
Randolph	11	7	8,475	6,641	9,897	8,231	6,548	9,964	5,947	5,149	9,723
St. Francis	30	4	27,881	18,403	40,265	30,284	19,180	43,196	23,136	15,131	37,969
Saline	13	1	3,381	3,941	3,965	3,302	3,877	3,938	3,060	3,775	3,899
Scott	20	4	6,994	10,616	9,553	7,054	10,773	9,649	6,390	9,637	9,322
Searcy	9	1	1,576	1,467	1,271	1,553	1,419	1,279	1,097	1,272	1,247
Sebastian	20	2	9,488	16,058	10,237	9,499	16,739	10,368	8,727	14,953	10,182
Sevier	16	1	10,201	8,629	7,655	10,411	8,777	8,052	9,558	8,384	7,618
Sharp	17	.....	4,299	3,316	2,972	4,206	3,319	2,947	3,457	2,646	2,856
Stone	14	5	1,450	1,391	1,377	1,440	1,395	1,397	1,009	1,097	1,329
Union	42	8	17,045	16,676	15,244	17,382	16,369	15,128	15,609	16,249	14,867
Van Buren	11	3	3,903	4,830	5,412	3,996	5,027	5,632	3,240	3,909	5,304
White	35	2	16,442	23,355	21,751	16,639	23,701	22,256	14,689	21,130	21,348
Woodruff	21	3	22,939	21,495	25,314	25,049	22,899	27,239	19,099	18,025	24,728
Yell	32	2	16,921	24,428	22,638	17,151	24,873	23,118	14,824	20,777	22,185
All other	1	2	400	234	303	416	234	309	257	207	262
FLORIDA. (See map, p. 130.)											
The state	149	94	34,951	48,178	50,979	29,415	37,858	41,449	24,151	45,268	49,349
Alachua	20	5	5,672	12,426	8,144	4,272	9,129	5,913	4,332	11,630	7,839
Baker	5	.....	550	1,559	1,345	358	1,164	1,007	136	1,400	1,188
Bradford	7	7	956	5,783	4,256	720	4,219	3,110	450	5,710	4,114
Columbia	8	5	2,382	4,324	3,447	1,984	3,449	2,609	1,686	4,269	3,235
Gadsden	3	3	54	173	694	52	169	710	1	100	680
Hamilton	6	3	1,460	2,969	3,966	1,066	2,173	2,884	928	2,785	3,873
Holmes	3	1	334	(1)	234	338	(1)	237	238	(1)	233
Jackson	7	7	3,526	2,450	4,366	3,346	2,284	4,433	3,126	2,335	4,336
Jefferson	7	18	1,003	1,801	4,153	924	1,687	3,729	982	1,786	4,118
Lafayette	3	3	200	1,167	807	157	910	621	83	1,102	755
Lake	3	.....	804	.....	.....	643	.....	.....	387	.....	.....
Leon	10	3	2,641	2,610	3,057	2,637	2,585	3,024	2,528	2,596	3,011
Levy	2	3	(1)	477	107	(1)	369	87	(1)	440	104
Madison	6	5	897	2,306	8,125	767	1,735	6,521	539	2,259	7,954
Marion	4	6	1,335	1,625	556	1,032	1,192	403	983	896	520
Okaloosa	7	4	872	373	189	841	374	166	813	349	183
Polk	3	.....	387	.....	.....	289	.....	.....	271	.....	.....
Suwannee	15	5	4,493	6,735	6,552	3,524	5,093	5,050	2,097	6,375	6,286
Volusia	3	.....	340	.....	.....	289	.....	.....	183	.....	.....
Walton	4	4	100	115	(1)	98	115	(1)	93	106	(1)
All other	23	12	6,945	1,285	981	6,078	1,211	945	4,295	1,130	920

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 53.—NUMBER OF GINNERIES IN 1918 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1916 TO 1918, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1918		1918	1917	1916	1918	1917	1916	1918	1917	1916
GEORGIA. (See map, p. 131.)											
The state	3,013	647	2,117,860	1,885,054	1,852,104	2,122,405	1,883,911	1,820,939	1,873,552	1,719,653	1,780,316
Appling	10	.....	5,981	6,420	4,358	5,582	5,738	4,027	5,352	6,362	4,234
Atkinson[1]	6	.....	1,656	.....	.....	1,552	.....	.....	1,591	.....	.....
Bacon	6	3	3,037	3,446	2,599	2,702	3,040	2,166	2,203	3,299	2,489
Baker	6	2	1,697	3,078	5,134	1,702	2,658	5,172	1,587	3,066	5,122
Baldwin	14	1	14,707	11,598	9,723	14,548	11,160	9,342	12,681	11,117	9,230
Banks	29	2	11,007	8,441	8,488	10,620	8,058	7,885	9,343	6,860	7,976
Barrow	20	6	18,831	16,433	13,310	18,307	16,062	12,802	16,641	14,160	12,478
Bartow	33	5	19,514	16,794	15,868	20,037	16,959	15,824	17,015	13,401	14,857
Ben Hill	9	7	8,514	11,318	12,394	8,330	10,707	11,869	8,298	11,128	12,251
Berrien[2]	8	1	4,137	10,683	21,816	3,598	8,701	18,554	3,957	10,475	20,751
Bibb	22	2	14,860	15,155	10,633	15,217	15,691	10,873	12,306	10,313	10,038
Bleckley	11	6	12,063	11,350	8,277	12,743	12,056	8,462	11,165	11,240	8,231
Brooks	14	10	6,161	7,422	19,645	6,100	7,544	18,907	6,106	7,412	19,243
Bryan	13	4	3,972	3,510	2,867	3,787	3,335	2,707	3,740	3,433	2,784
Bulloch	46	8	32,613	30,394	27,290	31,535	28,979	26,041	28,946	28,742	25,730
Burke	89	15	67,071	66,853	53,963	70,877	70,495	56,957	59,749	62,386	52,350
Butts	17	.....	17,020	14,324	12,011	17,789	15,057	12,410	15,118	12,518	11,639
Calhoun	10	11	6,408	4,994	10,073	6,181	4,745	9,882	6,268	4,977	10,045
Camden	4	.....	268	323	183	249	301	177	120	201	167
Campbell	18	2	14,554	11,702	11,022	14,892	11,667	11,009	12,388	9,974	10,114
Candler	12	.....	12,497	12,110	8,886	12,630	12,464	9,245	9,694	11,764	8,700
Carroll	42	6	34,591	27,795	26,928	33,927	27,222	25,802	29,305	22,809	24,982
Catoosa	4	1	1,365	879	1,085	1,360	817	1,009	1,094	569	914
Charlton	3	1	341	917	602	292	752	466	256	704	504
Chattahoochee	22	10	3,341	2,877	3,928	3,237	2,826	3,835	3,105	2,779	3,844
Chattooga	18	.....	10,826	8,476	9,155	10,484	8,249	8,606	9,218	6,318	8,351
Cherokee	42	2	11,989	7,915	8,851	10,982	7,097	7,784	9,460	5,490	7,014
Clarke	20	1	16,060	14,430	11,837	16,192	14,251	11,723	13,100	11,399	11,182
Clay	6	9	3,755	2,101	3,986	3,715	2,103	3,945	3,323	2,094	3,967
Clayton	13	4	14,180	10,391	8,790	14,211	10,514	8,584	12,013	8,643	8,234
Clinch	4	1	397	654	841	276	540	659	294	504	786
Cobb	36	8	20,376	15,058	15,237	19,981	14,456	14,362	16,018	11,818	12,923
Coffee[1]	18	4	12,926	22,111	23,897	12,075	20,639	21,530	12,494	21,446	23,216
Colquitt	14	5	13,094	13,833	23,214	12,858	13,381	22,795	12,790	13,695	23,111
Columbia	25	3	18,095	13,696	12,749	19,058	14,282	13,009	16,602	13,483	12,203
Cook[2]	3	4	2,083	.....	.....	1,816	.....	.....	1,900	.....	.....
Coweta	24	9	31,568	21,439	22,826	31,631	21,623	22,940	27,224	17,773	20,950
Crawford	16	5	6,303	5,973	5,598	6,341	6,232	5,701	5,654	5,717	5,547
Crisp	13	7	13,136	15,670	20,953	13,086	16,247	21,054	12,833	15,541	20,716
Dawson	9	5	1,414	871	1,455	1,205	740	1,170	1,033	555	1,197
Decatur	16	.....	4,720	5,024	9,449	4,574	4,504	9,264	4,514	4,983	9,380
Dekalb	25	.....	16,344	10,928	8,997	16,301	10,581	8,452	13,425	8,803	7,959
Dodge	28	2	34,842	30,967	28,446	35,678	31,481	29,026	31,567	30,424	28,064
Dooly	30	5	31,852	33,384	38,039	32,432	34,693	39,325	30,352	32,979	37,628
Dougherty	9	12	6,425	8,371	12,862	6,542	8,746	13,410	5,983	8,224	12,279
Douglas	16	2	10,848	7,608	7,210	10,134	7,328	6,744	8,890	6,042	6,295
Early	13	4	8,094	6,273	11,068	8,172	6,422	10,718	7,926	5,898	11,044
Effingham	19	1	6,322	4,693	4,297	6,232	4,533	4,187	5,181	4,215	4,073
Elbert	35	12	22,385	21,949	19,079	21,154	20,966	17,854	18,890	19,217	18,249
Emanuel	28	5	46,645	35,842	26,609	46,891	36,231	26,822	40,793	34,748	25,991
Evans	15	1	8,200	7,444	7,258	7,386	6,767	6,593	7,212	6,910	6,038
Fayette	17	7	16,738	13,656	11,056	16,644	13,651	11,054	14,723	10,570	10,238
Floyd	37	10	19,477	15,944	13,696	19,703	15,909	13,165	16,425	12,473	12,127
Forsyth	36	4	11,855	7,017	7,488	11,175	6,393	6,598	9,742	5,387	6,472
Franklin	37	7	27,117	23,871	22,750	26,721	23,093	21,194	23,219	19,533	21,378

[1] Atkinson County organized from part of Coffee, Jan. 1, 1919.
[2] Cook County organized from part of Berrien, Jan. 1, 1919.

TABLE 53.—NUMBER OF GINNERIES IN 1918 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1916 TO 1918, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
			Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	Active.	Idle.	1918	1917	1916	1918	1917	1916	1918	1917	1916
	1918										
GEORGIA—Continued.											
Fulton	5	2	2,939	1,366	1,463	2,839	1,136	1,381	2,048	1,000	1,267
Glascock	8	8	5,345	5,119	3,234	5,543	5,455	3,342	4,678	4,853	3,130
Gordon	19	6	13,818	9,849	11,158	13,083	9,390	10,455	11,990	7,166	10,331
Grady	12	2	2,748	3,017	5,856	2,647	2,886	5,736	2,648	2,944	5,819
Greene	19	2	21,748	15,740	12,517	22,340	16,203	12,387	18,773	14,396	11,964
Gwinnett	57	6	30,177	23,188	18,870	29,797	22,683	17,572	25,511	19,491	17,001
Habersham	5	2	1,350	654	860	1,141	573	709	988	561	703
Hall	52	10	16,554	10,217	11,848	15,286	8,934	10,104	13,224	7,597	10,526
Hancock	24	9	22,859	19,021	16,234	22,918	18,903	16,078	21,044	18,610	16,061
Haralson	16	3	10,234	7,981	7,111	9,792	7,630	6,471	8,535	6,301	6,632
Harris	25	6	12,996	10,410	16,817	12,978	10,450	16,830	12,631	9,977	16,674
Hart	34	4	17,888	18,050	16,828	17,799	17,660	16,451	14,381	15,346	16,113
Heard	20	4	11,306	7,995	8,375	11,154	7,849	8,182	10,382	7,504	8,061
Henry	25	4	31,617	23,584	19,330	32,319	23,886	19,635	28,110	20,222	18,311
Houston	35	7	20,240	17,798	19,929	20,867	18,841	20,507	18,961	17,317	19,664
Irwin	14	4	12,133	15,415	20,585	11,935	15,442	19,953	11,801	15,087	20,127
Jackson	48	10	36,016	28,698	27,110	35,094	27,320	25,565	30,615	23,241	25,266
Jasper	27	7	27,037	22,752	22,641	28,535	24,135	23,221	23,658	20,690	21,486
Jeff Davis	5	4	3,266	3,309	2,378	3,199	3,338	2,316	3,199	3,280	2,329
Jefferson	38	8	39,725	32,675	25,032	41,547	34,236	26,924	36,275	31,634	25,227
Jenkins	42	3	25,282	20,323	15,556	25,353	20,339	15,979	22,824	19,625	15,044
Johnson	21	1	20,322	20,711	14,825	21,065	21,636	15,334	18,002	20,207	14,673
Jones	22	4	13,092	11,366	11,157	13,396	11,527	11,173	11,995	10,726	10,750
Laurens	45	11	59,253	52,480	35,760	60,000	53,918	35,674	52,326	49,504	35,328
Lee	23	9	6,725	7,575	10,379	6,756	7,758	10,566	6,621	7,489	10,332
Liberty	10	2	2,639	2,297	1,300	2,390	2,123	1,209	1,918	2,039	1,203
Lincoln	19	1	9,484	8,514	6,478	9,848	8,822	6,343	8,441	7,721	6,153
Lowndes	8	17	2,088	6,625	14,886	1,840	5,347	11,990	2,080	6,562	14,139
Lumpkin	5	2	546	383	606	488	327	499	449	259	513
McDuffie	16	6	12,979	11,237	8,988	13,685	11,947	9,330	11,262	10,835	8,655
Macon	18	5	13,571	14,483	15,187	13,601	14,645	15,011	12,859	14,233	15,098
Madison	43	3	22,906	22,232	20,724	21,949	21,120	19,410	19,666	18,761	20,008
Marion	24	5	5,405	4,791	5,046	5,460	4,785	4,996	4,770	4,516	4,978
Meriwether	28	1	29,104	23,848	24,657	29,116	24,029	23,705	27,428	22,264	24,232
Miller	5	1	2,469	2,127	3,509	2,359	2,082	3,414	2,437	2,125	3,507
Milton	18	3	7,829	5,347	5,389	7,650	4,978	4,791	6,476	4,275	4,885
Mitchell	18	5	12,742	12,816	27,915	12,496	12,605	29,202	11,995	12,693	27,841
Monroe	38	4	24,871	21,498	18,894	25,234	21,799	18,342	21,852	19,509	18,117
Montgomery [1]	10	1	12,380	20,381	13,623	12,588	20,049	13,656	10,380	19,777	13,380
Morgan	26	4	33,599	25,346	22,945	34,580	25,863	23,014	28,511	22,680	21,766
Murray	10	.....	4,242	2,619	2,774	4,078	2,515	2,513	3,673	2,070	2,652
Muscogee	18	1	6,167	4,690	6,414	6,034	4,674	6,284	5,967	4,617	6,252
Newton	24	.....	24,781	21,738	16,189	25,301	22,464	15,878	21,696	18,351	15,719
Oconee	16	1	18,121	15,977	15,008	18,255	15,919	14,939	15,624	14,156	14,412
Oglethorpe	41	4	27,150	24,049	20,924	27,498	24,164	19,874	23,035	20,678	19,662
Paulding	18	.....	11,029	7,830	8,481	10,451	7,171	7,677	9,282	6,505	7,496
Pickens	16	2	2,404	1,634	2,037	2,128	1,477	1,788	1,990	1,136	1,798
Pierce	11	2	4,039	7,336	6,569	3,351	5,826	5,014	2,575	6,651	6,155
Pike	23	1	26,045	21,422	20,957	26,821	21,593	21,053	23,920	20,454	20,537
Polk	24	3	13,076	10,914	11,111	13,309	10,515	10,340	11,366	8,633	10,289
Pulaski	13	.....	12,039	14,582	14,354	12,422	15,396	15,155	11,479	14,216	14,278
Putnam	22	8	17,729	13,683	11,727	18,055	14,044	11,835	14,956	12,501	11,179
Quitman	7	4	680	656	1,189	671	642	1,167	631	628	1,184
Randolph	13	15	10,861	8,439	11,792	10,531	8,221	11,467	10,333	8,201	11,735
Richmond	17	.....	15,602	12,555	8,393	16,029	12,904	8,497	13,911	11,558	8,023
Rockdale	15	2	11,395	8,520	6,521	11,653	8,721	6,401	9,756	6,775	5,929
Schley	10	4	6,137	5,893	5,691	6,051	5,780	5,692	5,760	5,853	5,677
Screven	80	8	35,236	35,049	26,410	36,321	36,147	24,982	29,425	33,077	25,517

[1] Treutlen County organized from part of Montgomery, Jan. 1, 1919.

TABLE 53.—NUMBER OF GINNERIES IN 1918 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1916 TO 1918, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1918		1918	1917	1916	1918	1917	1916	1918	1917	1916
GEORGIA—Continued.											
Spalding	19	7	23,038	18,885	15,476	23,425	19,527	15,643	19,718	16,230	14,830
Stephens	16	1	8,094	5,855	5,861	7,837	5,691	5,575	6,802	4,622	5,413
Stewart	12	10	5,700	4,564	8,205	5,699	4,568	8,236	5,432	4,445	8,114
Sumter	56	30	26,423	25,523	31,990	27,173	26,080	33,043	25,420	25,037	31,623
Talbot	18	2	8,626	8,709	9,349	8,597	8,958	9,532	8,341	8,184	9,207
Taliaferro	13	2	11,162	9,722	6,757	11,466	9,549	6,575	9,702	8,716	6,566
Tattnall	12	8	12,641	12,147	11,320	11,939	11,118	10,622	10,998	10,754	10,297
Taylor	25	10	10,950	9,678	9,493	11,024	10,017	9,577	9,937	9,491	9,019
Telfair	18	1	17,671	19,018	12,091	17,441	19,223	12,154	16,951	18,600	11,986
Terrell	20	7	19,083	19,393	24,651	18,885	19,009	24,133	18,570	19,210	24,591
Thomas	17	5	7,731	7,555	17,568	7,649	7,231	17,588	7,624	7,530	17,491
Tift	14	1	9,684	10,967	19,669	9,359	10,907	19,795	9,623	10,949	19,578
Toombs	14	2	15,598	16,010	10,380	15,476	15,882	10,247	13,997	15,325	9,881
Treutlen[1]	5	.....	9,002	.....	.....	9,153	.....	.....	6,920	.....	.....
Troup	19	2	22,843	18,031	19,551	22,619	17,624	19,007	21,651	16,685	18,744
Turner	17	2	15,162	18,208	21,061	15,317	18,823	21,427	14,978	18,128	20,923
Twiggs	31	9	12,908	10,472	8,111	14,031	11,444	8,362	10,997	10,100	7,988
Upson	24	1	13,595	13,080	12,304	13,198	13,101	12,097	12,052	12,360	12,015
Walker	10	3	7,140	5,390	6,321	7,057	5,164	6,399	5,916	4,109	5,809
Walton	37	4	34,848	31,228	25,145	34,186	31,222	24,345	30,235	27,145	23,614
Ware	5	.....	1,481	1,661	1,762	1,355	1,488	1,499	1,403	1,649	1,644
Warren	19	2	14,668	12,486	8,914	15,093	13,093	9,224	12,707	11,252	8,569
Washington	38	3	32,243	30,041	24,260	33,546	31,369	25,376	28,427	29,110	23,784
Wayne	14	1	6,037	6,435	5,789	5,150	5,557	4,836	5,286	5,868	5,477
Webster	5	8	1,507	1,732	2,829	1,490	1,679	2,608	1,388	1,724	2,825
Wheeler	8	2	9,507	8,450	5,478	9,762	8,573	5,432	7,890	8,134	5,423
White	4	2	747	345	695	642	302	573	349	263	535
Whitfield	15	3	7,614	4,714	5,497	7,294	4,467	4,988	6,274	3,405	5,237
Wilcox	23	4	24,909	26,117	29,562	25,367	26,697	30,591	23,881	25,906	29,064
Wilkes	34	13	32,560	27,665	22,371	34,019	28,672	22,282	27,577	24,794	20,849
Wilkinson	30	.....	9,884	9,218	7,579	9,941	9,242	7,321	8,621	8,677	7,389
Worth	19	3	14,650	16,634	28,751	14,410	16,365	28,806	14,499	16,605	28,638
All other	7	6	1,867	1,912	1,397	1,735	1,752	1,282	1,437	998	1,144
LOUISIANA. (See map, p. 130.)											
The state	1,051	216	582,698	629,719	441,121	587,717	638,729	443,182	497,786	580,094	431,664
Acadia	8	1	8,806	13,607	9,040	8,413	13,229	9,163	7,985	13,487	9,018
Allen	4	3	845	600	(2)	808	544	(2)	746	333	(2)
Ascension	3	.....	2,463	2,136	1,965	2,366	2,062	1,815	2,208	2,032	1,669
Avoyelles	34	5	30,489	27,211	19,866	32,818	29,023	21,126	25,843	26,012	19,813
Beauregard	4	1	1,337	884	754	1,351	840	738	1,324	863	722
Bienville	37	3	15,705	21,238	15,481	15,809	21,548	15,345	14,740	20,271	15,282
Bossier	37	6	22,766	31,029	26,002	23,630	32,229	27,105	21,480	28,573	25,313
Caddo	52	5	41,273	52,473	41,974	42,096	54,285	42,816	34,328	47,079	41,507
Caldwell	20	3	5,099	6,024	3,804	5,071	6,040	3,634	4,426	5,549	3,725
Cameron	3	1	961	2,451	1,571	999	2,517	1,635	475	2,138	1,430
Catahoula	22	6	13,507	14,804	7,945	13,656	14,967	8,193	10,393	12,907	7,725
Claiborne	44	13	19,783	22,680	20,481	20,060	22,880	20,612	18,811	22,389	20,244
Concordia	35	2	17,265	13,970	5,853	17,096	14,207	5,886	11,260	11,025	4,032
De Soto	36	7	17,344	28,967	22,211	17,268	29,656	22,944	14,982	28,062	21,927
East Baton Rouge	7	9	5,812	4,662	3,982	5,584	4,431	4,011	5,528	4,513	3,974
East Carroll	16	.....	13,959	12,121	6,006	15,991	13,728	6,501	8,331	9,423	5,959

[1] Treutlen County organized from part of Montgomery, Jan. 1, 1919.
[2] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 53.—NUMBER OF GINNERIES IN 1918 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1916 TO 1918, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1918		1918	1917	1916	1918	1917	1916	1918	1917	1916
LOUISIANA—Continued.											
East Feliciana	18	1	9,908	9,181	4,996	9,983	9,120	5,065	9,252	9,025	4,989
Evangeline	12	1	12,917	12,527	11,419	12,194	12,389	10,704	11,210	12,442	11,316
Franklin	26	1	21,010	23,506	19,895	21,086	23,741	19,919	18,093	22,017	19,649
Grant	14	5	5,727	5,689	3,663	5,860	5,728	3,713	5,178	5,638	3,630
Iberia	2	2	(1)	742	(1)	(1)	756	(1)	(1)	723	(1)
Iberville	3	4	821	(1)	(1)	809	(1)	(1)	517	(1)	(1)
Jackson	23	6	7,079	8,553	5,597	7,039	8,507	5,418	6,118	8,078	5,407
La Salle	6	1	1,624	1,274	742	1,638	1,270	740	1,346	1,220	733
Lafayette	11	2	14,404	18,222	13,102	14,652	18,353	13,102	13,366	17,934	13,045
Lincoln	33	1	11,804	12,437	9,480	11,795	12,735	9,577	11,086	12,141	9,453
Livingston	8	3	1,570	1,990	740	1,513	1,966	675	1,371	1,672	740
Madison	22	6	13,271	10,804	5,179	13,725	11,217	5,385	7,842	7,221	4,740
Morehouse	25	3	18,560	21,718	14,928	18,334	21,514	14,355	13,850	16,583	14,583
Natchitoches	63	7	29,320	32,831	21,797	29,212	33,313	21,911	27,082	31,863	21,629
Ouachita	32	12	16,273	16,300	11,436	15,853	16,623	11,214	13,674	14,262	10,936
Pointe Coupee	22	16	10,773	8,637	4,519	10,945	8,865	4,552	9,079	8,157	4,389
Rapides	30	9	23,708	20,550	14,408	23,556	20,607	14,068	21,668	20,279	14,299
Red River	20	4	14,989	19,882	12,431	15,235	20,339	12,637	13,905	18,066	12,385
Richland	32	4	21,435	27,579	22,144	21,662	27,937	22,489	18,522	23,811	21,766
Sabine	19	.....	9,440	10,504	7,284	9,476	10,405	7,022	8,364	10,147	7,211
St. Helena	10	2	2,884	2,283	933	2,834	2,193	906	2,763	2,220	926
St. Landry	41	10	29,081	31,932	20,113	28,210	30,778	19,031	25,823	30,649	19,943
St. Martin	4	1	3,664	1,907	1,247	3,521	1,780	1,322	2,498	1,904	1,114
St. Tammany	5	.....	665	352	168	610	346	163	603	352	162
Tangipahoa	10	4	4,824	2,772	1,355	4,778	2,728	1,316	4,505	2,759	1,347
Tensas	50	20	17,816	14,628	7,755	18,488	15,037	7,795	10,888	11,272	7,390
Union	33	3	10,600	11,511	8,097	10,628	11,641	8,026	9,852	11,163	7,860
Vermilion	7	1	5,789	6,879	2,361	5,845	7,029	2,337	5,579	6,722	2,175
Vernon	15	5	1,868	1,963	1,598	1,742	1,804	1,522	1,463	1,885	1,572
Washington	29	.....	6,633	4,585	2,299	6,300	4,512	2,076	6,141	4,577	2,247
Webster	22	1	14,546	13,335	13,823	15,128	13,538	14,182	13,746	12,904	13,762
West Carroll	6	.....	9,496	8,317	4,001	9,340	8,374	3,987	8,357	8,000	3,988
West Feliciana	8	3	3,756	3,286	1,956	3,769	3,321	1,855	3,658	3,274	1,954
Winn	24	4	6,061	5,559	3,264	5,968	5,374	3,141	4,930	5,051	3,116
All other	4	9	2,968	2,627	1,456	2,973	2,613	1,453	2,597	1,427	865
MISSISSIPPI. (See map, p. 134.)											
The state	1,783	396	1,193,122	886,269	800,190	1,226,051	905,554	811,794	987,332	773,824	761,682
Adams	12	4	5,450	3,127	1,431	5,386	3,057	1,305	4,386	2,879	1,355
Alcorn	23	8	7,626	3,981	8,891	7,969	4,011	8,772	6,941	3,610	8,635
Amite	23	.....	10,728	9,162	4,494	10,604	9,122	4,310	10,022	9,084	4,463
Attala	22	.....	8,311	4,550	2,677	8,130	4,463	2,434	7,640	4,273	2,571
Benton	22	10	6,161	3,420	6,688	6,577	3,543	6,687	5,302	2,795	6,329
Bolivar	91	7	115,997	110,207	105,393	124,936	116,609	111,978	88,338	96,354	100,383
Calhoun	13	6	4,793	2,019	1,769	4,815	1,956	1,642	4,544	1,920	1,717
Carroll	21	7	9,449	6,628	4,314	9,797	6,574	4,038	8,768	6,432	4,290
Chickasaw	10	9	10,207	5,627	4,214	10,272	5,238	4,004	9,909	5,468	4,195
Choctaw	9	7	2,376	1,102	869	2,273	1,019	787	2,205	1,046	847
Claiborne	11	6	7,728	6,567	3,592	6,858	5,875	3,295	7,204	6,497	3,580
Clarke	12	2	3,426	1,617	877	3,596	1,711	883	3,240	1,584	809
Clay	12	2	7,872	3,982	2,391	8,190	4,005	2,312	7,617	3,935	2,388
Coahoma	88	2	80,372	71,085	104,285	83,056	74,824	110,709	57,955	55,661	90,497
Copiah	22	1	8,988	5,222	3,356	8,848	5,268	3,178	8,633	5,184	3,343
Covington	13	3	5,946	3,333	1,324	5,765	3,260	1,210	5,378	3,204	1,301
De Soto	32	5	29,447	17,553	32,897	31,879	18,768	34,891	23,014	12,175	30,552
Forrest	2	4	(1)	(1)	318	(1)	(1)	299	(1)	(1)	309
Franklin	14	1	5,344	3,958	2,048	5,335	3,978	1,925	4,786	3,861	1,986
Grenada	15	1	8,716	4,558	3,063	8,817	4,363	2,800	8,433	4,419	3,043

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 53.—NUMBER OF GINNERIES IN 1918 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1916 TO 1918, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1918		1918	1917	1916	1918	1917	1916	1918	1917	1916
MISSISSIPPI—Continued.											
Hinds	31	1	28,397	20,669	11,435	29,664	21,264	10,500	26,080	20,377	11,381
Holmes[1]	44	7	33,177	28,879	14,218	33,524	29,350	13,694	28,443	25,148	14,115
Humphreys[1]	25	5	23,635	.....	.....	24,694	.....	.....	19,555	.....	.....
Issaquena	21	.....	10,128	8,074	3,246	10,527	8,410	3,408	5,633	5,321	3,189
Itawamba	19	6	4,336	1,629	1,791	4,518	1,674	1,682	4,115	1,583	1,759
Jasper	19	5	6,563	3,440	1,530	6,538	3,377	1,393	6,152	3,335	1,503
Jefferson	15	9	10,883	7,202	4,411	10,354	6,970	4,042	9,927	7,021	4,293
Jefferson Davis	18	.....	9,211	7,087	2,803	8,754	7,026	2,582	8,666	7,007	2,700
Jones	9	4	8,104	4,579	1,108	7,853	4,442	885	7,019	4,226	1,058
Kemper	33	12	7,388	3,093	1,882	7,673	3,137	1,819	6,882	3,012	1,810
Lafayette	16	33	4,928	1,908	4,330	4,557	1,739	3,790	4,650	1,749	4,286
Lamar	8	3	2,360	555	205	2,274	533	188	1,971	547	175
Lauderdale	23	11	6,807	2,723	1,626	6,483	2,722	1,546	6,200	2,579	1,441
Lawrence	11	2	9,290	7,957	4,239	9,060	7,906	3,986	8,692	7,889	4,226
Leake	34	5	7,354	4,922	2,415	7,077	4,879	2,175	6,999	4,458	2,374
Lee	19	6	15,199	7,438	6,075	16,108	7,539	5,905	14,491	7,079	6,016
Leflore	73	.....	63,512	50,658	40,158	63,614	51,509	40,809	49,678	41,768	38,825
Lincoln	12	.....	9,796	7,406	5,203	9,916	7,547	5,210	9,302	7,340	5,183
Lowndes	19	11	10,013	6,394	2,339	10,263	6,343	2,152	8,771	6,010	2,273
Madison	24	5	20,693	14,844	8,977	21,140	15,081	8,259	19,951	14,786	8,947
Marion	15	1	5,620	2,615	1,697	5,392	2,321	1,522	5,278	2,590	1,650
Marshall	35	10	19,084	11,863	20,721	19,828	12,321	21,148	16,641	9,332	20,079
Monroe	22	9	13,813	7,115	4,290	15,087	7,767	4,326	13,096	6,857	4,264
Montgomery	13	8	6,621	3,422	2,188	6,534	3,409	1,939	6,297	3,257	2,162
Neshoba	27	8	7,845	3,541	2,110	7,749	3,389	1,895	7,135	3,442	2,009
Newton	22	6	7,876	3,561	1,838	7,800	3,460	1,737	7,220	3,429	1,813
Noxubee	29	9	16,002	11,684	5,173	16,751	11,978	4,939	14,671	11,350	5,137
Oktibbeha	9	5	4,837	2,638	1,591	5,029	2,751	1,526	4,615	2,565	1,557
Panola	31	3	22,025	16,124	23,986	22,514	16,579	24,475	20,770	14,538	23,361
Perry	3	.....	1,613	598	(2)	1,599	591	(2)	1,462	598	(2)
Pike	23	2	9,466	8,810	4,752	9,157	8,828	4,503	8,838	8,766	4,731
Pontotoc	14	8	7,110	3,099	3,169	7,111	3,036	2,998	6,933	3,017	3,157
Prentiss	13	3	6,299	3,349	8,400	6,429	3,299	8,244	5,885	3,109	8,224
Quitman	31	1	34,086	22,949	26,362	34,515	22,398	26,657	26,555	19,636	25,658
Rankin	17	4	6,200	2,952	1,971	6,360	2,922	1,870	5,876	2,916	1,948
Scott	14	3	5,719	2,867	1,617	5,468	2,845	1,530	5,497	2,772	1,602
Sharkey[1]	31	1	24,120	21,555	10,396	25,365	22,762	10,826	14,890	16,472	10,318
Simpson	18	4	7,700	4,875	2,565	7,286	4,512	2,262	7,447	4,797	2,556
Smith	23	5	8,515	3,988	1,635	8,038	3,686	1,471	8,206	3,912	1,623
Sunflower[1]	72	5	87,196	80,015	64,995	89,690	81,087	65,593	67,754	70,344	62,932
Tallahatchie	52	6	44,791	34,992	39,610	46,529	34,992	39,380	34,017	30,084	38,783
Tate	20	2	18,290	12,280	19,956	19,526	12,946	20,850	16,714	10,424	19,745
Tippah	14	7	6,029	4,206	9,457	5,952	4,075	9,258	5,230	3,674	9,182
Tishomingo	13	5	5,686	2,309	4,918	5,994	2,362	4,820	5,171	2,207	4,824
Tunica	40	5	31,661	24,061	42,941	34,175	25,206	45,140	24,319	18,848	37,343
Union	14	1	6,016	3,145	5,760	6,169	3,024	5,670	5,755	2,905	5,682
Walthall	22	1	7,202	5,640	2,932	6,825	5,497	2,818	6,502	5,569	2,887
Warren	17	10	13,001	7,583	4,952	12,905	7,475	4,497	9,258	6,354	4,030
Washington[1]	63	10	67,477	69,401	45,296	72,233	74,127	47,469	46,166	54,567	43,904
Wayne	16	2	3,700	2,162	486	3,814	2,263	480	3,316	1,890	453
Webster	13	10	5,518	2,161	1,317	5,538	2,071	1,187	5,286	2,079	1,280
Wilkinson	21	3	6,613	4,522	1,724	5,896	4,157	1,551	5,488	4,184	1,584
Winston	15	6	3,658	1,500	1,157	3,854	1,527	1,119	3,340	1,419	1,124
Yalobusha	22	11	6,637	3,078	3,128	7,050	2,960	3,023	6,422	2,843	3,075
Yazoo[1]	32	9	28,513	32,252	14,014	28,618	31,661	13,364	23,330	29,321	13,647
All other	7	3	5,872	2,202	234	5,577	2,178	223	4,460	2,141	106

[1] Humphreys County organized from parts of Holmes, Sharkey, Sunflower, Washington, and Yazoo; June 1, 1918.
[2] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 53.—NUMBER OF GINNERIES IN 1918 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1916 TO 1918, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1918		1918	1917	1916	1918	1917	1916	1918	1917	1916
MISSOURI.											
The state....	91	23	59,797	58,937	60,466	62,162	60,831	62,699	47,039	41,414	54,273
Butler.....	4	1	2,232	(1)	1,851	2,103	(1)	1,985	1,810	(1)	1,781
Dunklin.....	34	3	26,664	25,994	29,904	27,949	26,930	31,034	21,412	18,040	28,067
New Madrid....	10	5	8,259	7,438	7,709	8,631	7,639	7,757	6,108	5,239	6,870
Ozark.....	10	1	981	690	337	998	741	346	588	386	332
Pemiscot.....	19	6	17,659	17,998	16,730	18,383	18,491	17,496	14,354	12,519	13,484
Stoddard.....	4	2	1,849	2,925	2,801	1,928	3,118	2,913	1,210	2,273	2,643
Taney.....	6	.....	1,029	923	461	1,043	943	461	719	725	458
All other.....	4	5	1,124	2,969	673	1,127	2,969	707	838	2,232	638
NORTH CAROLINA. (See map, p. 132.)											
The state....	2,096	425	919,338	656,656	693,672	897,761	617,989	654,603	717,405	521,589	619,079
Alamance.....	10	5	898	557	647	816	464	534	650	415	561
Alexander.....	5	2	1,404	829	976	1,326	689	835	1,167	544	771
Anson.....	64	6	25,814	21,559	15,924	25,953	21,443	15,491	23,120	18,740	14,793
Beaufort.....	24	3	12,036	6,248	12,621	11,908	6,061	12,424	9,543	4,990	10 729
Bertie.....	54	.....	14,903	10,624	13,004	14,995	10,509	13,194	9,746	7,475	11,186
Bladen.....	20	7	11,260	7,271	6,477	11,026	7,027	6,169	9,154	6,639	5,932
Brunswick.....	10	2	1,096	518	365	1,102	504	365	549	344	217
Cabarrus.....	35	11	11,541	7,770	7,907	11,326	7,430	7,382	9,589	6,255	6,805
Camden.....	9	1	2,613	1,470	3,925	2,777	1,537	4,074	1,829	1,202	3,659
Carteret.....	10	1	2,307	2,273	1,960	2,351	2,293	1,890	1,859	1,548	1,748
Catawba.....	25	5	8,384	4,067	4,630	7,948	3,679	3,976	6,855	3,381	3,928
Chatham.....	41	7	8,142	5,413	6,545	7,528	4,546	5,464	6,440	4,257	5,909
Chowan.....	14	2	5,480	3,010	6,217	5,742	3,103	6,497	4,271	2,475	5,816
Cleveland.....	41	4	25,487	17,173	14,034	25,293	16,088	12,934	21,797	14,315	11,872
Columbus.....	16	2	10,301	7,681	5,423	10,109	7,581	5,125	7,170	7,035	5,019
Craven.....	20	9	6,517	5,069	7,524	6,309	4,847	7,273	4,826	3,701	6,695
Cumberland.....	37	1	19,917	13,727	15,295	20,064	13,258	14,989	17,512	12,331	14,265
Currituck.....	3	2	740	667	1,306	755	645	1,279	120	529	974
Davidson.....	11	1	1,839	1,092	1,196	1,761	1,002	1,056	1,279	793	1,047
Davie.....	10	2	2,104	1,116	1,511	1,894	1,038	1,284	1,448	750	1,242
Duplin.....	33	1	14,701	7,837	10,774	14,125	7,237	10,117	11,377	6,811	9,974
Durham.....	6	2	682	499	706	668	448	639	496	318	501
Edgecombe.....	100	10	34,969	25,930	28,869	32,612	23,451	26,600	26,435	16,776	25,879
Franklin.....	39	14	16,656	11,196	13,341	15,887	10,121	12,175	13,057	8,704	11,683
Gaston.....	21	4	8,986	6,155	5,617	8,738	5,564	4,978	7,034	4,628	4,347
Gates.....	16	6	5,488	3,376	4,988	5,444	3,431	5,132	3,843	2,915	4,605
Granville.....	8	3	1,070	1,186	1,363	1,030	1,069	1,269	828	888	1,233
Greene.....	22	10	12,402	8,367	11,005	12,472	8,196	10,985	8,019	5,872	9,915
Halifax.....	105	20	37,140	24,967	31,020	35,944	22,925	29,227	27,601	17,891	27,076
Harnett.....	35	6	26,922	19,441	18,297	25,705	17,614	17,108	23,601	16,724	16,793
Hertford.....	17	3	5,529	3,771	4,608	5,553	3,743	4,703	3,495	2,561	4,004
Hoke.....	22	2	16,679	12,484	8,380	16,486	12,514	8,092	15,224	11,607	7,752
Hyde.....	3	3	262	202	660	262	202	660	.....	45	389
Iredell.....	24	12	11,910	6,386	7,083	11,398	5,806	6,148	9,299	4,923	5,720
Johnston.....	71	22	52,140	39,582	37,306	49,846	35,972	33,851	40,537	31,082	33,419
Jones.....	23	5	6,057	3,780	5,702	6,144	3,810	5,794	4,832	3,050	5,267
Lee.....	16	2	7,176	4,779	5,346	6,876	4,107	4,591	5,845	3,997	4,823
Lenoir.....	46	6	15,706	9,538	12,908	15,552	9,488	12,461	11,715	7,686	12,121
Lincoln.....	26	5	7,111	4,180	3,992	6,714	3,639	3,369	5,810	3,502	3,164

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 53.—NUMBER OF GINNERIES IN 1918 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1916 TO 1918, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1918		1918	1917	1916	1918	1917	1916	1918	1917	1916
NORTH CAROLINA—Continued.											
Martin	33	13	11,885	8,556	10,502	11,676	8,292	10,550	7,995	5,341	9,016
Mecklenburg	45	11	25,290	18,796	17,404	25,442	18,476	16,405	19,769	14,258	14,152
Montgomery	20	8	5,167	3,547	3,403	5,003	3,341	3,123	4,222	2,855	3,047
Moore	24	5	3,793	2,476	2,127	3,719	2,165	1,801	3,158	1,953	1,868
Nash	37	14	30,136	23,156	26,168	28,828	20,336	23,619	20,032	16,390	23,228
Northampton	54	7	20,405	14,044	17,323	20,217	13,925	17,619	15,693	10,163	15,327
Onslow	16	5	5,620	4,563	5,571	5,487	4,331	5,397	4,734	3,954	5,260
Orange	17	1	1,544	1,154	1,272	1,541	1,178	1,029	927	743	1,019
Pamlico	16	2	5,192	3,755	6,264	5,204	3,726	6,265	4,182	2,102	5,364
Pasquotank	6	4	3,952	3,165	5,966	4,158	3,247	6,196	2,444	2,479	5,548
Pender	9	3	3,805	2,221	1,782	3,681	1,974	1,635	2,902	1,804	1,511
Perquimans	13	9	5,394	4,242	8,637	5,286	3,984	8,585	4,008	3,510	8,087
Pitt	42	10	28,255	20,534	25,068	27,372	19,615	23,892	20,311	15,225	22,692
Polk	2	1	(1)	1,344	1,217	(1)	1,120	1,092	(1)	949	966
Randolph	9	5	974	683	866	902	600	778	647	517	742
Richmond	59	5	15,100	11,015	9,259	14,846	10,691	9,024	13,597	9,662	8,695
Robeson	88	7	63,857	49,485	31,730	62,829	47,813	30,610	54,854	45,202	29,379
Rowan	38	3	8,384	5,393	5,695	8,025	4,927	5,033	6,401	4,115	4,801
Rutherford	19	6	10,705	6,411	6,427	10,448	5,843	5,766	8,387	5,183	5,641
Sampson	60	10	28,363	19,614	21,149	27,189	17,939	20,290	23,057	16,203	18,964
Scotland	34	9	34,587	28,727	17,783	34,566	28,445	16,798	29,893	26,217	16,658
Stanly	18	8	6,647	5,472	6,183	6,280	4,705	5,286	4,944	4,135	5,359
Tyrrell	6	4	1,129	433	1,479	1,170	446	1,545	789	254	1,280
Union	43	5	25,592	21,902	22,178	25,403	20,408	19,951	20,994	17,027	20,352
Vance	8	8	5,398	4,107	4,549	5,334	3,774	4,126	4,365	3,530	4,284
Wake	98	11	28,658	20,274	23,224	27,953	17,618	20,061	18,904	14,908	20,393
Warren	44	8	10,910	9,315	11,356	10,587	8,506	10,513	9,072	7,635	10,509
Washington	25	3	3,725	2,053	3,413	3,816	2,133	3,527	2,851	1,623	3,094
Wayne	80	17	39,074	26,798	31,800	38,277	25,254	30,891	27,552	19,626	28,033
Wilson	35	11	29,553	21,220	23,958	28,306	19,726	22,660	21,241	16,036	21,630
All other	6	3	1,875	411	467	1,777	370	402	1,508	291	347
OKLAHOMA. (See map, p. 133.)											
The state	857	187	585,149	955,342	813,419	576,886	959,081	823,526	520,401	857,561	782,095
Adair	3	.....	946	1,971	850	919	1,934	838	879	1,366	799
Atoka	12	1	5,534	11,580	7,989	5,520	11,795	8,107	5,357	10,724	7,762
Beckham	15	3	12,148	14,881	10,649	11,861	13,413	10,613	9,654	11,675	9,942
Bryan	29	.....	23,780	38,362	30,779	24,294	38,773	32,492	22,797	35,446	30,203
Caddo	21	5	11,785	22,216	19,856	11,026	21,981	19,713	9,129	19,151	19,306
Canadian	3	.....	586	800	(1)	540	778	(1)	405	747	(1)
Carter	21	6	10,214	24,701	17,350	10,300	25,817	18,227	9,862	24,211	17,165
Cherokee	8	1	4,910	7,905	4,503	4,767	7,709	4,426	4,720	6,558	4,447
Choctaw	17	3	16,408	22,351	14,674	16,674	23,285	15,141	15,944	21,704	14,606
Cleveland	18	.....	10,809	17,949	11,342	10,683	17,979	11,535	9,641	16,178	10,793
Coal	11	2	5,562	11,506	8,742	5,463	11,330	8,781	5,335	10,528	8,308
Comanche	9	9	2,969	12,041	15,259	2,848	11,417	15,537	2,543	11,184	14,856
Cotton	6	8	1,613	7,428	13,177	1,484	7,681	13,306	1,471	7,244	12,908
Creek	22	5	18,914	17,088	19,024	18,203	16,658	18,158	16,063	15,451	18,821
Custer	5	1	895	837	477	858	810	478	726	798	443
Garvin	24	5	21,540	39,360	27,286	21,403	39,793	28,724	19,699	37,565	26,301
Grady	16	3	8,255	17,563	13,909	8,105	17,465	14,329	6,977	14,420	12,569
Greer	12	8	7,613	13,298	16,325	7,208	12,830	17,066	5,795	7,960	14,390

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 53.—NUMBER OF GINNERIES IN 1918 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1916 TO 1918, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1918		1918	1917	1916	1918	1917	1916	1918	1917	1916
OKLAHOMA—Continued.											
Harmon	7	6	4,620	7,427	14,219	4,747	7,648	14,788	3,240	6,340	12,714
Haskell	13	3	9,924	15,170	11,504	10,017	15,367	11,677	9,365	13,975	11,378
Hughes	23	6	18,612	25,626	27,032	18,658	25,496	26,702	17,793	22,767	26,214
Jackson	21	7	13,571	26,273	34,159	12,977	26,672	35,033	11,253	21,039	31,254
Jefferson	19	3	7,275	30,204	21,800	6,645	30,868	22,227	6,859	29,600	21,267
Johnston	19	7	11,749	27,367	17,198	11,591	28,478	17,434	11,250	25,955	16,752
Kingfisher	6	3	1,335	2,051	1,480	1,230	1,960	1,437	872	1,741	1,295
Kiowa	20	7	7,367	27,081	24,940	6,814	27,314	25,404	6,650	22,986	22,871
Latimer	4	.....	2,302	3,086	2,721	2,344	3,172	2,782	2,182	2,958	2,685
Le Flore	28	7	19,120	33,660	23,119	19,392	34,464	23,502	17,861	29,576	22,859
Lincoln	34	7	28,754	37,466	30,062	28,438	38,147	29,359	24,441	33,249	28,723
Logan	16	3	6,340	11,010	11,884	6,211	10,717	11,292	4,953	9,046	11,097
Love	15	2	8,845	16,467	12,631	8,881	16,691	13,107	8,551	16,139	12,457
McClain	15	1	10,218	16,157	11,766	10,179	15,575	11,644	9,000	14,568	10,677
McCurtain	22	1	21,802	19,516	14,590	22,269	19,762	15,317	19,956	18,230	13,981
McIntosh	18	5	15,238	18,444	22,500	14,702	18,566	22,649	14,112	12,852	22,136
Marshall	15	1	8,147	15,846	15,161	8,029	15,939	15,399	7,659	14,754	14,989
Mayes	8	.....	3,384	4,859	1,947	3,368	4,841	1,933	2,769	3,488	1,711
Murray	8	.....	5,506	13,892	9,553	5,475	14,218	9,870	5,225	13,644	9,441
Muskogee	18	5	18,402	28,473	20,070	18,281	28,427	19,926	16,402	24,086	19,524
Okfuskee	24	3	23,828	27,443	21,891	24,010	27,859	22,116	21,279	24,408	21,130
Oklahoma	14	4	8,270	16,028	10,506	8,114	15,750	10,335	6,200	14,589	9,854
Okmulgee	10	5	8,190	9,448	10,471	7,931	8,889	10,400	7,535	8,860	10,206
Osage	5	.....	3,244	3,211	2,424	3,261	3,300	2,488	2,486	2,844	2,354
Pawnee	9	2	4,045	3,710	3,584	3,930	3,447	3,440	2,706	3,134	3,262
Payne	13	3	6,986	5,885	9,374	6,702	5,599	9,098	5,184	5,098	8,757
Pittsburg	25	3	17,030	27,324	25,125	16,839	27,974	25,723	16,211	24,900	24,597
Pontotoc	20	6	13,611	29,042	22,033	13,733	28,979	22,094	13,084	26,627	21,311
Pottawatomie	32	4	32,740	38,583	29,467	32,153	38,610	29,340	26,961	36,046	28,802
Pushmataha	13	.....	6,462	9,256	6,744	6,638	9,200	6,704	5,900	8,632	6,629
Seminole	18	.....	16,067	19,537	18,992	15,556	19,705	19,079	15,198	16,798	18,740
Sequoyah	21	5	16,745	29,993	20,196	16,618	30,333	20,666	15,730	27,267	20,056
Stephens	19	4	7,843	27,465	23,434	7,562	28,141	24,278	7,165	26,150	23,110
Tillman	16	3	12,323	17,479	25,596	11,522	17,287	25,750	10,187	16,285	23,914
Tulsa	8	.....	4,230	3,802	3,814	4,068	3,718	4,030	3,633	3,332	3,757
Wagoner	10	1	7,931	7,842	7,961	7,804	7,839	7,900	6,530	6,821	7,489
Washita	11	6	5,705	15,108	9,183	5,218	14,503	9,070	5,024	13,955	8,522
All other	8	4	2,907	2,224	2,097	2,823	2,178	2,062	1,998	1,912	1,961
SOUTH CAROLINA. (See map. p. 129.)											
The state	2,804	340	1,581,726	1,267,135	970,702	1,569,918	1,236,871	931,830	1,328,925	1,110,327	893,896
Abbeville	32	10	25,341	23,246	21,566	24,991	22,869	21,294	20,114	19,310	19,419
Aiken	135	19	52,414	42,528	36,067	52,852	41,799	36,389	46,818	38,862	34,726
Anderson	110	8	67,427	66,193	55,777	67,904	66,534	54,315	55,436	54,539	51,836
Bamberg	46	8	35,411	26,639	22,214	37,189	27,028	21,690	31,443	25,314	21,258
Barnwell	103	25	70,099	58,321	43,285	71,424	59,694	44,625	62,060	54,400	41,103
Beaufort	22	5	9,745	6,785	6,307	9,313	6,309	6,022	7,619	5,582	5,642
Berkeley	53	4	16,135	11,201	5,157	15,602	9,682	4,528	13,613	10,505	4,923
Calhoun	86	4	45,695	31,386	24,040	41,838	28,455	22,011	36,191	27,798	20,405
Charleston	94	6	18,176	12,087	5,558	15,282	9,784	4,422	10,800	9,857	4,404
Cherokee	24	3	15,439	11,719	9,223	15,420	11,459	8,972	12,970	9,353	8,114

TABLE 53.—NUMBER OF GINNERIES IN 1918 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1916 TO 1918, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1918		1918	1917	1916	1918	1917	1916	1918	1917	1916
SOUTH CAROLINA—Continued.											
Chester	70	.....	31,512	23,482	20,420	30,214	22,045	18,901	26,233	20,125	18,954
Chesterfield	71	13	32,344	25,097	19,942	31,962	24,078	18,929	28,560	20,747	17,554
Clarendon	45	6	41,201	34,884	19,343	42,355	34,863	18,542	36,151	33,116	18,396
Colleton	33	7	23,336	19,032	12,973	23,275	18,438	12,612	20,523	18,096	12,457
Darlington	58	5	44,417	35,057	19,743	45,598	33,872	18,633	36,802	30,013	17,341
Dillon	75	4	38,185	31,097	23,601	38,002	30,711	23,025	31,333	28,044	22,170
Dorchester	30	2	20,916	15,735	8,432	19,381	14,627	7,744	17,972	14,660	8,131
Edgefield	57	7	29,008	26,689	24,884	28,422	26,016	23,968	26,846	24,807	24,238
Fairfield	78	4	26,778	19,750	15,605	26,558	19,106	14,947	21,379	16,548	14,267
Florence	59	11	40,357	35,204	18,777	40,236	35,542	17,898	33,299	32,499	17,572
Georgetown	8	4	5,848	4,202	1,417	5,916	4,219	1,392	4,113	3,912	1,325
Greenville	67	19	44,734	36,399	36,619	44,508	35,836	35,143	34,774	28,031	31,669
Greenwood	39	8	38,185	31,847	29,133	39,140	32,025	29,017	32,203	27,581	27,359
Hampton	55	2	25,928	22,402	17,042	27,437	23,778	18,242	22,372	20,768	16,396
Horry	24	9	10,053	8,135	5,141	9,844	7,793	4,945	7,197	6,977	4,508
Jasper	17	5	7,296	5,622	5,056	7,270	5,523	5,049	6,025	5,285	4,946
Kershaw	94	6	31,397	18,143	12,500	32,383	18,089	12,613	27,677	15,374	10,658
Lancaster	66	.....	25,472	18,169	15,757	25,085	16,934	13,791	20,475	14,258	13,447
Laurens	65	21	43,177	38,359	31,481	43,833	37,860	30,656	35,732	33,642	29,494
Lee	54	1	44,006	33,537	19,394	44,789	33,691	18,727	38,649	30,234	17,402
Lexington	87	9	36,403	30,362	24,556	33,971	28,559	22,056	32,968	26,472	22,390
McCormick	23	.....	17,356	13,813	11,717	17,519	13,970	11,504	14,915	12,632	11,004
Marion	33	5	20,173	14,846	11,608	19,604	14,130	10,991	15,989	13,578	11,107
Marlboro	111	12	70,550	55,788	34,990	70,663	55,453	34,430	61,279	48,794	31,861
Newberry	75	10	40,461	35,533	30,897	38,681	33,309	27,783	32,929	31,596	29,031
Oconee	31	1	25,351	20,571	18,474	24,890	19,728	16,922	20,714	16,422	16,233
Orangeburg	206	23	112,004	85,283	59,204	110,718	83,394	56,977	94,790	77,587	56,122
Pickens	30	9	21,707	17,735	16,749	20,726	15,976	15,841	17,646	13,327	14,106
Richland	58	11	26,972	19,206	17,669	26,427	18,211	16,711	23,429	17,313	16,402
Saluda	48	8	27,644	28,071	26,080	26,942	26,926	25,783	24,960	25,335	25,173
Spartanburg	84	8	70,939	58,771	54,908	69,905	56,309	50,800	57,914	46,393	49,262
Sumter	80	1	56,825	39,896	26,161	57,723	39,816	25,784	47,967	36,235	24,621
Union	36	6	20,636	15,989	13,229	20,009	15,212	11,705	16,916	14,083	12,354
Williamsburg	51	3	33,246	26,936	13,035	33,585	27,281	12,553	27,731	24,915	11,940
York	81	8	41,427	31,388	24,971	40,532	29,938	22,948	33,399	24,908	21,676
TENNESSEE. (See map, p. 132.)											
The state	504	75	317,962	238,806	378,064	329,697	240,525	382,422	256,554	187,482	348,329
Benton	4	3	2,455	1,913	1,741	2,570	1,936	1,772	1,986	1,682	1,652
Bradley	3	.....	1,855	798	898	1,810	752	833	1,370	567	848
Carroll	20	1	8,817	8,117	9,589	8,565	7,758	9,349	7,349	6,968	8,874
Chester	13	1	5,517	3,332	5,584	5,450	3,189	5,619	4,865	2,759	5,358
Crockett	12	1	8,556	9,097	13,923	8,820	8,826	13,856	6,855	8,108	13,115
Decatur	8	4	2,025	1,434	1,967	2,010	1,426	1,955	1,613	1,135	1,839
Dyer	19	4	17,371	17,988	25,009	17,461	17,635	24,399	12,694	14,098	23,115
Fayette	32	9	22,267	12,468	26,555	24,463	13,056	27,405	19,556	9,923	24,392
Gibson	20	4	19,948	18,894	32,208	19,597	18,834	32,247	14,831	14,533	28,687
Giles	19	2	6,352	4,821	5,663	6,386	4,732	5,413	4,878	3,811	5,134
Hardeman	24	4	13,684	8,540	16,574	14,508	8,631	16,647	11,681	6,805	15,783
Hardin	20	2	5,928	3,735	6,043	5,917	3,769	6,032	5,095	3,033	5,625
Haywood	30	4	20,387	12,218	24,694	21,806	12,426	25,543	17,114	9,801	22,791
Henderson	27	9	10,706	7,259	11,056	10,969	7,258	10,720	9,249	5,701	10,116
Henry	5	2	3,668	2,546	2,992	3,728	2,454	3,018	2,639	2,006	2,750
Lake	15	2	11,961	12,883	14,193	12,193	13,105	14,224	9,763	9,352	12,118
Lauderdale	29	.....	22,091	18,189	30,113	23,120	18,655	30,522	18,305	14,414	27,915
Lawrence	8	.....	5,971	3,709	3,224	6,065	3,721	3,039	4,360	2,918	2,982

TABLE 53.—NUMBER OF GINNERIES IN 1918 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1916 TO 1918, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1918		1918	1917	1916	1918	1917	1916	1918	1917	1916
TENNESSEE—Continued.											
Lincoln	11	1	4,464	4,055	4,177	4,569	4,182	4,257	3,782	3,081	3,884
McMinn	5	1	1,322	752	1,165	1,290	707	1,089	992	570	1,023
McNairy	30	2	9,866	5,689	9,947	10,231	5,804	10,021	8,712	4,964	9,528
Madison	30	4	13,278	10,042	15,457	13,634	10,325	15,979	11,329	7,134	14,035
Obion	7	2	5,369	5,942	5,548	5,415	5,911	5,600	3,027	4,767	5,367
Polk	6	.....	1,713	1,234	1,513	1,633	1,135	1,322	1,335	888	1,425
Rutherford	7	4	7,894	5,228	8,391	7,954	5,065	8,263	5,198	4,080	7,212
Shelby	46	3	50,509	31,284	56,564	53,075	32,654	59,041	40,667	23,558	52,523
Tipton	34	3	26,235	20,511	35,568	28,832	20,601	36,628	21,811	16,574	32,976
Weakley	7	1	3,983	3,888	4,898	3,959	3,882	4,968	2,903	2,918	4,639
All other	13	2	3,770	2,240	2,810	3,667	2,096	2,661	2,595	1,334	2,623
TEXAS. (See map, p. 135.)											
The state	3,365	881	2,610,337	3,041,726	3,562,789	2,696,561	3,125,378	3,725,700	2,417,375	2,941,107	3,482,509
Anderson	36	3	18,798	27,738	19,815	19,001	28,205	20,214	17,038	27,210	19,548
Angelina	14	4	7,056	5,029	3,583	7,206	4,833	3,331	6,593	4,868	3,454
Archer	5	2	959	2,708	4,276	927	2,781	4,414	836	2,708	4,262
Atascosa	13	6	9,256	5,633	10,850	9,486	5,929	11,076	8,441	5,595	10,767
Austin	37	2	25,827	25,253	27,821	27,562	27,428	30,825	24,254	25,041	27,475
Bastrop	28	1	20,317	16,520	27,479	21,430	17,151	28,760	18,579	16,262	27,078
Baylor	4	6	1,192	5,290	11,755	1,099	5,375	12,601	775	5,232	11,539
Bee	13	1	9,651	5,808	4,295	9,935	5,921	4,286	9,321	5,646	4,252
Bell	39	17	23,356	24,204	67,434	24,711	25,206	72,114	21,965	23,998	66,634
Bexar	23	3	13,813	21,261	26,924	14,644	22,975	28,490	12,794	21,193	26,530
Blanco	7	2	1,297	1,941	3,292	1,333	2,054	3,476	1,250	1,940	3,284
Bosque	17	4	5,453	15,015	19,014	5,444	15,550	20,014	5,126	14,809	18,956
Bowie	29	.....	29,188	30,923	26,556	30,198	32,370	27,629	27,346	29,911	26,507
Brazoria	15	4	12,536	15,561	5,249	13,007	15,866	5,372	12,192	15,278	5,065
Brazos	26	3	23,609	15,846	27,312	24,043	16,052	28,683	21,702	15,797	27,062
Brown	5	11	1,258	3,880	7,926	1,303	3,895	8,149	1,175	3,879	7,926
Burleson	32	2	29,336	19,632	31,443	30,228	20,327	32,418	27,431	19,450	31,117
Burnet	9	7	2,562	3,797	9,239	2,606	3,975	10,026	2,512	3,792	9,226
Caldwell	31	1	31,318	30,649	49,591	32,683	31,978	52,535	27,878	30,437	49,236
Calhoun	7	.....	8,666	6,653	2,970	9,139	6,991	3,085	8,563	6,438	2,937
Callahan	3	14	1,272	4,886	8,223	1,294	5,046	8,708	1,075	4,882	8,211
Cameron	10	.....	8,185	8,790	2,708	8,876	8,996	2,786	7,939	8,068	2,706
Camp	17	2	7,590	10,908	8,450	7,827	11,144	8,720	6,815	10,579	8,388
Cass	47	4	22,633	31,257	24,728	22,909	31,863	25,000	20,239	30,302	24,635
Cherokee	34	4	23,882	28,494	20,487	23,724	28,049	20,626	22,383	28,076	20,367
Childress	4	5	3,798	7,165	13,530	3,874	7,119	13,719	1,850	6,839	12,687
Clay	14	8	5,908	16,895	12,782	5,529	17,206	13,457	5,525	16,672	12,661
Coke	1	8	(1)	1,603	4,897	(1)	1,627	4,968	(1)	1,563	4,859
Coleman	5	22	915	15,231	27,006	916	15,292	28,648	700	15,162	26,905
Collin	58	6	69,116	89,560	81,727	69,365	92,408	85,732	66,140	82,943	80,137
Collingsworth	6	2	7,016	8,528	10,620	7,284	8,768	11,075	4,767	6,934	9,740
Colorado	25	4	20,941	18,816	21,603	22,193	20,193	23,418	19,162	18,609	21,517
Comal	12	2	4,472	6,608	9,198	4,771	7,017	9,864	4,228	6,577	9,119
Comanche	6	13	2,197	2,835	5,023	2,266	2,799	5,239	1,650	2,824	5,014
Concho	3	10	926	1,889	8,727	957	1,952	8,898	750	1,883	8,700
Cooke	22	4	15,100	29,965	20,755	15,145	30,660	21,241	14,592	29,553	20,385
Coryell	26	11	6,523	17,917	28,694	6,773	18,763	30,961	6,229	17,884	28,609
Cottle	2	10	(1)	7,666	12,646	(1)	7,950	13,056	(1)	6,866	11,951
Crosby	8	3	4,195	5,513	11,879	4,009	5,362	11,941	3,308	4,497	10,431

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 53.—NUMBER OF GINNERIES IN 1918 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1916 TO 1918, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1918		1918	1917	1916	1918	1917	1916	1918	1917	1916
TEXAS—Continued.											
Dallas	46	2	51,016	67,262	57,666	53,036	69,118	58,935	48,888	66,301	56,853
Dawson	2	2	(1)	.....	2,733	(1)	.....	2,831	(1)	.....	2,427
De Witt	31	.....	44,563	31,306	48,235	46,360	30,939	49,835	42,901	30,193	48,024
Delta	24	.....	25,830	35,293	35,475	27,245	36,980	37,414	24,700	31,846	34,666
Denton	26	2	19,921	47,761	38,304	20,242	48,448	39,921	19,224	46,886	38,195
Dickens	5	1	3,178	5,595	7,337	3,180	5,577	7,561	2,173	4,855	6,290
Donley	4	1	2,868	5,201	4,035	2,949	4,808	4,091	1,415	3,187	3,682
Duval	5	4	6,670	2,874	(1)	6,857	2,899	(1)	6,156	2,588	(1)
Eastland	11	9	4,541	6,642	6,265	4,524	6,707	6,553	3,725	6,602	6,248
Ellis	76	5	91,258	105,471	118,247	95,638	109,247	124,349	86,220	100,695	112,549
Erath	9	22	3,262	5,896	6,575	3,245	5,806	6,708	2,803	5,889	6,557
Falls	38	9	27,663	31,814	64,729	28,913	32,609	69,959	26,146	31,633	63,724
Fannin	51	2	59,166	93,684	71,369	61,947	98,938	74,566	56,612	85,395	69,543
Fayette	51	1	28,449	25,272	35,982	30,270	27,097	38,702	26,309	25,062	35,686
Fisher	8	9	2,403	2,354	18,881	2,293	2,250	19,323	1,937	2,283	18,485
Floyd	3	2	2,561	2,931	4,047	2,596	2,949	4,071	1,756	2,534	3,243
Foard	3	5	2,380	6,068	7,938	2,253	6,217	8,411	1,150	5,662	7,341
Fort Bend	29	5	57,462	46,722	32,889	61,266	47,432	34,165	55,879	46,671	32,385
Franklin	12	.....	6,514	9,807	8,340	6,724	10,195	8,580	6,139	9,506	8,226
Freestone	24	.....	18,265	23,375	20,932	18,733	23,814	21,882	16,966	23,303	20,846
Frio	8	4	7,248	2,926	7,163	7,586	3,082	7,611	5,856	2,778	7,084
Garza	3	1	1,244	(1)	(1)	1,070	(1)	(1)	1,019	(1)	(1)
Gillespie	13	5	1,567	3,051	7,118	1,553	3,217	7,390	1,200	2,648	7,041
Goliad	14	1	13,070	9,004	15,437	12,882	8,420	15,810	12,516	8,812	15,354
Gonzales	35	.....	32,153	20,959	43,169	32,784	20,655	44,272	29,680	20,564	43,076
Grayson	44	6	40,675	72,783	55,815	41,331	72,840	57,847	38,886	68,480	54,822
Gregg	16	.....	9,589	14,063	10,285	9,629	14,313	10,287	7,926	13,711	9,912
Grimes	32	4	27,364	23,165	24,533	28,645	24,180	26,059	25,560	23,029	24,197
Guadalupe	29	5	15,985	26,036	45,808	16,900	27,277	48,352	15,001	25,715	44,703
Hall	15	2	10,318	18,199	20,911	10,268	18,319	21,204	5,307	14,780	17,641
Hamilton	11	7	3,628	7,968	12,569	3,813	8,123	13,881	3,487	7,930	12,558
Hardeman	5	6	5,355	10,200	14,125	5,356	10,647	14,600	3,425	9,029	13,383
Harris	14	1	7,455	10,455	6,346	7,746	11,028	6,489	7,066	10,267	6,174
Harrison	33	7	18,297	26,888	21,285	18,524	27,576	21,766	15,430	26,432	21,232
Haskell	4	19	891	12,844	25,289	905	13,209	26,164	500	12,451	22,194
Hays	15	7	14,411	11,075	23,300	14,904	11,646	24,500	13,645	10,889	23,056
Henderson	25	3	16,289	26,809	18,192	16,781	27,619	18,909	14,700	26,606	17,981
Hidalgo	6	3	5,084	2,580	(1)	5,084	2,580	(1)	4,864	573	(1)
Hill	59	8	50,294	72,854	98,052	53,049	75,136	103,879	45,921	71,646	95,409
Hood	6	6	1,802	5,003	5,225	1,780	5,094	5,448	1,571	4,954	5,207
Hopkins	36	.....	26,149	42,356	36,899	27,305	44,245	38,183	24,973	40,504	36,618
Houston	34	5	29,096	31,415	19,129	30,429	32,816	19,848	26,103	31,213	18,978
Howard	1	5	(1)	(1)	4,647	(1)	(1)	4,646	(1)	(1)	4,204
Hunt	57	3	58,882	72,500	73,179	61,503	73,297	74,641	56,704	68,704	72,026
Jack	8	7	1,750	6,519	4,983	1,735	6,969	5,255	1,681	6,440	4,962
Jackson	10	3	18,514	14,010	7,742	19,569	14,752	8,123	18,332	13,944	7,672
Jasper	10	3	1,869	1,183	1,045	1,847	1,120	1,015	1,663	1,086	954
Jim Wells	8	.....	5,365	1,973	162	5,742	2,080	158	5,017	1,759	162
Johnson	31	3	27,205	44,944	47,834	28,012	45,946	49,053	24,987	44,448	46,840
Jones	12	20	8,841	9,972	34,545	9,532	10,463	37,751	7,641	9,709	33,623
Karnes	24	1	27,037	11,382	30,688	27,868	11,131	31,506	24,860	10,730	30,599
Kaufman	62	4	56,382	78,517	63,482	59,133	82,867	67,337	54,234	76,471	61,694
Kendall	5	1	451	386	707	481	406	740	438	385	702
Kent	2	3	(1)	(1)	4,273	(1)	(1)	4,411	(1)	(1)	4,100

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 53.—NUMBER OF GINNERIES IN 1918 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1916 TO 1918, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1918		1918	1917	1916	1918	1917	1916	1918	1917	1916
TEXAS—Continued.											
Knox	9	10	3,146	8,731	22,357	2,991	8,645	22,983	2,421	8,358	20,985
Lamar	61	1	56,353	85,167	71,078	59,599	89,510	75,016	54,068	78,459	68,751
Lampasas	4	9	992	2,726	5,376	1,041	2,794	5,817	950	2,723	5,367
Lavaca	36	1	34,837	26,852	34,186	38,181	29,655	37,030	33,067	26,284	34,023
Lee	19	5	12,646	8,332	14,036	12,937,	8,891	15,106	11,308	8,276	13,620
Leon	25	4	16,427	19,199	16,475	17,026	19,506	16,958	14,513	18,972	16,373
Liberty	7	4	3,038	3,777	2,024	3,062	3,841	1,678	2,987	3,433	1,955
Limestone	47	1	39,839	40,444	64,076	40,676	39,967	65,127	37,865	40,097	62,829
Live Oak	4	.....	1,932	(1)	345	1,972	(1)	351	1,844	(1)	345
Llano	6	2	675	1,036	1,918	712	1,081	2,045	596	1,028	1,918
Lubbock	3	2	2,464	947	3,496	2,350	939	3,564	1,942	951	3,217
Lynn	2	3	(1)	(1)	3,748	(1)	(1)	3,906	(1)	(1)	3,263
McCulloch	4	15	971	4,702	15,433	961	4,721	16,390	775	4,664	15,423
McLennan	59	17	43,638	70,941	108,168	45,470	72,723	116,386	39,823	70,202	106,089
Madison	12	1	10,140	8,722	10,914	10,398	8,987	11,510	9,365	8,710	10,826
Marion	16	3	4,223	6,475	5,927	4,211	6,623	6,107	3,552	6,393	5,918
Mason	5	2	930	1,552	3,076	947	1,581	3,259	859	1,545	3,076
Matagorda	11	3	22,049	10,113	2,888	22,164	10,791	3,027	21,745	10,095	2,870
Medina	11	8	5,146	4,710	9,016	5,413	4,931	9,259	4,423	4,666	8,894
Menard	3	1	350	(1)	762	354	(1)	782	319	(1)	760
Milam	46	8	41,406	22,338	59,808	43,277	22,462	63,735	38,771	22,105	58,760
Mills	3	9	1,651	2,781	4,834	1,721	2,852	5,050	1,600	2,781	4,801
Mitchell	4	11	2,269	1,225	12,247	2,103	1,249	12,367	1,891	1,196	11,830
Montague	27	2	12,505	24,598	19,916	12,002	25,331	21,123	11,852	24,384	18,992
Montgomery	12	5	12,530	7,682	7,155	12,710	7,581	7,331	12,159	7,636	7,138
Morris	19	2	8,255	12,278	9,885	8,333	12,406	9,711	7,180	11,808	9,813
Motley	4	4	2,156	5,484	5,585	2,118	5,553	5,602	948	4,144	5,115
Nacogdoches	32	15	20,345	17,834	12,743	20,679	17,324	12,154	18,882	17,685	12,570
Navarro	63	3	59,663	78,500	86,680	62,527	80,148	92,297	55,707	76,692	83,291
Newton	6	5	207	468	404	204	445	367	103	385	295
Nolan	2	10	(1)	430	10,722	(1)	411	11,192	(1)	419	10,604
Nueces	23	1	39,472	11,685	942	40,767	11,545	971	38,087	10,685	827
Palo Pinto	7	6	1,662	5,721	5,272	1,556	5,813	5,449	1,553	5,703	5,267
Panola	29	5	16,196	22,472	16,068	16,245	23,020	16,042	13,929	22,032	15,886
Parker	18	9	4,623	11,854	12,413	4,551	12,191	12,579	4,433	11,698	12,291
Polk	19	3	13,135	9,193	7,421	13,321	9,318	7,445	12,406	9,119	7,336
Rains	5	1	4,463	5,970	6,051	4,523	6,054	6,409	4,190	5,941	6,048
Red River	40	3	38,737	42,296	40,936	41,348	43,929	43,417	36,818	41,113	40,533
Refugio	9	1	13,543	8,381	1,274	13,949	8,478	1,265	13,150	8,028	1,232
Robertson	40	5	33,713	22,836	36,234	34,387	23,690	36,857	30,853	22,507	35,910
Rockwall	14	2	21,490	28,462	21,546	22,178	29,487	23,196	20,616	27,334	21,243
Runnels	8	17	2,638	12,652	30,567	2,605	13,150	32,010	2,162	12,508	30,274
Rusk	61	7	29,071	36,065	25,192	29,001	35,553	24,940	25,710	35,404	24,978
Sabine	18	4	3,503	2,917	2,327	3,433	2,861	2,197	3,100	2,841	2,292
San Augustine	23	6	8,741	8,274	6,167	8,711	8,239	5,920	8,274	8,224	6,122
San Jacinto	11	2	8,637	6,740	5,994	9,133	7,035	6,028	8,070	6,623	5,945
San Patricio	14	2	23,160	10,218	844	24,110	10,635	840	22,019	9,961	799
San Saba	8	8	3,999	3,903	7,428	4,109	3,980	7,863	3,769	3,897	7,423
Scurry	2	11	(1)	1,637	13,132	(1)	1,651	13,505	(1)	1,637	12,557
Shelby	36	10	19,724	22,922	15,790	18,915	22,056	15,553	18,247	22,687	15,626
Smith	62	5	30,374	45,820	32,123	30,465	46,571	32,226	28,188	44,747	32,001
Somervell	4	.....	616	1,027	1,649	601	1,041	1,622	526	1,009	1,642

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 53.—NUMBER OF GINNERIES IN 1918 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1916 TO 1918, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
			Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	Active.	Idle.	1918	1917	1916	1918	1917	1916	1918	1917	1916
	1918										
TEXAS—Continued.											
Stephens	.....	7	.....	675	1,062	.....	685	1,126	.....	675	1,062
Stonewall	3	7	269	960	8,902	244	947	9,153	155	951	8,473
Tarrant	26	2	18,646	30,870	28,826	19,011	31,419	29,789	17,251	30,678	28,605
Taylor	9	15	2,678	7,284	26,003	2,729	7,897	27,724	2,414	7,061	25,946
Throckmorton	4	1	1,280	1,475	2,725	1,263	1,522	2,902	985	1,469	2,725
Titus	20	2	11,090	16,961	12,839	11,565	17,541	13,324	10,138	16,136	12,702
Tom Green	1	7	(1)	(1)	3,769	(1)	(1)	4,015	(1)	(1)	3,705
Travis	35	9	29,380	22,834	59,963	30,974	23,973	63,697	27,948	22,584	59,042
Trinity	12	3	6,932	6,573	4,289	7,155	6,672	4,348	6,433	6,411	4,152
Tyler	14	1	2,896	1,863	1,558	2,813	1,778	1,520	2,681	1,840	1,502
Upshur	39	5	17,307	23,278	19,516	17,307	23,487	19,805	14,620	22,750	19,162
Uvalde	2	3	(1)	(1)	3,413	(1)	(1)	3,575	(1)	(1)	3,337
Van Zandt	46	4	26,232	41,283	29,083	26,667	42,208	30,514	25,051	40,330	28,840
Victoria	18	1	24,153	14,998	21,780	25,390	15,211	22,987	23,628	14,568	21,573
Walker	12	8	14,364	13,479	10,649	14,792	13,716	11,086	13,346	13,300	10,433
Waller	22	3	12,265	11,813	11,708	12,353	12,500	12,450	11,832	11,774	11,591
Ward	3	1	2,274	3,204	2,566	2,324	3,215	2,710	1,562	2,588	1,653
Washington	38	5	31,943	26,830	34,217	33,374	29,153	37,242	29,565	26,489	33,885
Wharton	19	2	49,882	38,674	28,704	50,481	40,267	30,139	48,677	38,284	28,461
Wheeler	3	2	3,979	3,333	(1)	3,926	3,195	(1)	1,780	1,930	(1)
Wichita	5	4	2,017	6,139	7,943	2,017	6,237	8,067	1,893	5,976	7,557
Wilbarger	13	4	9,456	14,584	21,870	9,445	15,141	22,631	6,839	12,979	19,681
Williamson	65	10	49,215	31,421	117,268	52,582	32,360	124,732	45,902	30,855	112,659
Wilson	16	2	15,782	9,018	25,839	16,408	9,095	26,421	14,912	8,807	25,703
Wise	20	7	7,288	15,287	16,329	7,294	15,660	17,155	6,792	15,090	16,256
Wood	29	1	21,724	31,052	23,638	22,219	30,301	24,186	20,127	30,249	23,487
Young	12	5	4,631	10,999	11,948	4,342	11,272	12,627	4,369	10,996	11,912
All other	28	41	24,027	12,526	17,311	24,125	12,522	17,655	16,395	10,573	13,457
VIRGINIA.											
The state	109	34	25,235	20,155	27,975	24,885	18,777	27,127	18,297	15,690	25,333
Brunswick	23	4	2,985	2,864	3,416	2,732	2,563	3,114	2,424	2,275	3,195
Greensville	29	5	4,298	2,556	3,648	4,164	2,406	3,620	3,498	2,090	3,455
Isle of Wight	2	2	(1)	658	533	(1)	559	525	(1)	524	261
Mecklenburg	12	4	1,379	1,397	1,755	1,289	1,264	1,611	1,062	1,097	1,591
Nansemond	10	.....	4,890	3,664	4,810	4,986	3,558	4,730	3,304	2,949	4,336
Norfolk	3	2	1,310	(1)	2,183	1,372	(1)	2,208	859	(1)	1,957
Southampton	19	8	8,313	6,982	10,006	8,424	6,573	9,788	5,803	5,256	9,191
Sussex	8	4	1,014	1,044	1,247	928	1,008	1,165	628	779	1,071
All other	3	5	1,046	990	377	990	846	366	719	720	276

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 54.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1918.

[Quantities are given in running bales, except that round bales are counted as half bales. Linters are not included.]

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
ALABAMA.										
The state	35,481	259,676	492,047	554,022	621,543	682,534	726,327	750,985	763,470	789,265
Autauga	1,259	5,759	8,652	8,775	9,554	10,192	10,502	10,672	10,711	10,732
Baldwin	80	488	868	1,081	1,161	1,538	1,580	1,605	1,619	1,731
Barbour	1,049	5,541	9,081	10,225	10,927	11,572	11,942	12,153	12,192	12,306
Blount	.....	1,900	6,987	7,807	8,714	9,843	10,320	10,540	10,620	10,971
Bullock	399	4,324	7,008	7,907	8,577	9,047	9,431	9,576	9,603	9,643
Butler	904	4,622	7,265	8,261	8,852	9,248	9,540	9,559	9,619	9,711
Calhoun	19	2,917	8,575	9,674	11,079	12,458	13,668	14,612	14,825	15,417
Chambers	304	8,125	16,472	17,820	19,464	21,615	22,953	23,296	23,561	23,830
Cherokee	.....	2,375	10,008	11,701	13,780	15,196	16,394	17,178	17,589	18,407
Chilton	490	4,353	6,420	7,432	8,350	9,055	9,305	9,420	9,510	9,640
Choctaw	.....	2,303	3,538	3,846	4,219	4,609	4,926	5,014	5,069	5,205
Clarke	678	3,560	4,974	5,800	6,531	7,172	7,726	8,051	8,384	8,849
Clay	.....	1,804	4,998	5,503	6,086	6,783	7,316	7,523	7,864	8,341
Cleburne	.....	429	2,522	2,910	3,502	3,889	4,398	4,764	4,909	5,286
Coffee	1,120	4,470	5,776	6,360	6,889	7,277	7,528	7,725	7,912	7,977
Colbert	115	4,177	8,284	8,866	9,853	11,083	12,375	13,146	13,711	14,570
Conecuh	1,119	3,538	5,013	5,619	6,104	6,770	7,035	7,374	7,388	7,675
Covington	1,696	5,947	8,061	8,661	9,092	10,068	10,615	10,832	10,882	10,946
Crenshaw	439	3,091	4,822	5,499	5,909	6,149	6,394	6,716	6,738	6,960
Cullman	.....	3,581	12,425	14,272	16,702	18,737	20,260	21,119	21,261	21,772
Dale	571	1,814	3,064	3,309	3,540	3,800	4,375	4,407	4,585	4,622
Dallas	3,141	13,102	18,810	20,937	22,967	24,103	24,665	24,802	24,834	24,955
Dekalb	.....	1,621	9,995	11,560	13,904	16,302	17,652	18,411	18,944	19,712
Elmore	1,354	7,223	11,863	13,076	13,764	14,602	14,946	15,572	15,770	16,038
Escambia	1,236	4,338	5,993	6,709	7,276	7,579	7,843	8,042	8,120	8,216
Etowah	86	3,057	8,021	9,618	10,880	12,624	13,462	14,061	14,204	15,049
Fayette	.....	1,855	3,953	4,367	4,865	5,430	5,781	5,986	6,115	6,444
Franklin	.....	2,261	5,680	6,340	7,516	8,753	10,260	11,681	11,996	12,493
Geneva	2,685	8,330	10,599	11,550	12,295	13,009	13,365	13,668	13,771	14,017
Greene	.....	2,368	3,813	4,184	4,720	5,250	5,568	5,679	5,704	5,810
Hale	450	4,353	6,740	7,489	8,414	9,305	9,974	10,174	10,254	10,314
Henry	1,778	5,723	8,204	8,782	9,146	9,534	9,868	10,129	10,258	10,402
Houston	1,658	5,038	6,989	7,442	7,813	8,366	8,675	8,774	8,873	8,884
Jackson	.....	1,236	6,300	7,772	10,207	12,147	12,652	12,964	14,397	15,139
Lamar	188	3,258	5,666	6,244	7,040	7,758	8,255	8,546	8,673	9,072
Lauderdale	.....	3,488	9,788	11,517	14,192	16,518	17,951	19,071	20,980	23,145
Lawrence	.....	5,121	12,303	13,177	15,337	17,598	19,060	20,003	20,465	21,645
Lee	606	6,749	11,280	12,010	12,917	13,478	14,220	14,293	14,348	14,708
Limestone	.....	4,478	12,682	14,069	16,705	18,520	20,166	21,351	21,835	23,110
Lowndes	314	3,334	5,469	6,441	6,903	7,639	8,010	8,189	8,199	8,222
Macon	1,089	7,846	13,065	14,188	15,298	15,944	16,188	16,256	16,286	16,307
Madison	.....	6,766	16,640	21,217	24,617	27,948	30,470	31,961	32,451	34,720
Marengo	1,410	8,724	12,718	13,848	14,978	15,991	17,189	17,592	17,637	17,864
Marion	.....	2,242	4,670	5,279	5,899	6,638	7,271	7,569	7,698	7,954
Marshall	.....	3,385	13,183	14,848	18,066	20,266	21,932	22,921	23,290	24,142
Monroe	2,176	8,364	9,632	13,034	13,414	13,632	14,539	14,676	14,782	15,578
Montgomery	1,454	7,360	11,010	12,299	13,265	14,102	14,584	14,939	14,956	15,231
Morgan	.....	4,237	12,829	14,715	16,562	18,635	19,523	21,245	21,404	23,478
Perry	1,090	5,485	8,146	8,706	9,626	10,438	11,176	11,507	11,566	11,681
Pickens	.....	2,272	4,301	4,928	5,682	6,261	6,720	6,986	7,050	7,201
Pike	805	4,402	6,134	6,722	7,093	7,473	7,567	7,662	7,730	7,793
Randolph	.....	3,376	9,462	10,512	12,019	13,169	14,479	15,068	15,544	15,888
Russell	737	5,889	10,043	11,217	12,182	13,172	13,604	13,975	14,066	14,267
St. Clair	107	1,422	2,999	3,379	4,044	4,742	5,061	5,294	5,330	5,433
Sumter	129	1,653	3,077	3,595	4,459	5,201	5,718	5,794	5,839	5,938
Talladega	460	5,421	9,684	10,565	11,595	12,774	13,321	13,702	13,827	13,867
Tallapoosa	136	3,662	6,707	7,400	8,269	9,220	9,882	10,076	10,115	10,238
Wilcox	1,551	7,378	10,555	11,901	13,057	13,905	14,426	14,507	14,529	14,647
Winston	.....	1,187	4,088	5,139	6,184	6,917	7,230	7,578	7,692	8,034
All other	599	6,554	14,143	15,918	19,488	21,490	24,491	24,999	25,386	27,041

TABLE 54.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1918—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
ARKANSAS.										
The state	8,819	198,679	448,544	532,384	631,088	721,431	801,373	849,150	869,634	957,118
Arkansas	.....	410	1,311	1,589	1,984	2,424	2,763	2,981	3,080	3,412
Ashley	55	4,515	9,005	9,759	12,075	14,099	16,062	17,615	17,950	19,849
Baxter	.....	9	565	969	1,349	1,748	2,259	2,699	2,870	3,308
Bradley	205	2,266	3,780	4,393	4,886	5,388	5,648	5,833	5,911	6,067
Calhoun	31	2,000	3,560	4,166	4,728	4,919	5,452	5,515	5,642	5,779
Chicot	89	3,094	7,870	9,314	11,477	14,756	17,142	19,356	20,395	25,153
Clark	258	4,731	8,323	9,192	10,543	11,554	12,389	12,679	12,803	13,140
Clay	.....	365	3,304	4,030	5,281	6,181	7,440	8,457	8,840	10,778
Cleburne	.....	319	1,361	1,635	1,928	2,361	2,713	2,895	2,978	3,154
Cleveland	183	2,935	4,757	5,317	6,088	6,885	7,271	7,477	7,541	7,858
Columbia	500	8,104	13,165	15,539	17,315	18,750	19,267	19,718	19,986	20,281
Conway	343	4,519	10,380	11,508	13,039	14,578	16,531	17,356	17,537	18,389
Crawford	209	2,319	7,682	8,625	9,715	10,619	11,765	12,248	12,377	13,063
Crittenden	216	8,665	20,710	25,000	28,525	34,778	38,882	41,843	42,424	51,022
Cross	.....	2,748	6,600	7,504	9,366	10,915	12,513	13,377	13,516	15,077
Dallas	124	1,614	2,761	3,479	4,110	4,807	5,236	5,400	5,494	5,660
Desha	59	2,449	5,750	7,079	8,632	10,154	11,140	13,136	13,496	16,281
Drew	100	2,562	5,308	6,199	7,521	8,887	9,891	10,667	10,817	11,701
Faulkner	177	4,204	8,536	9,653	10,816	12,132	13,098	13,436	13,555	14,342
Franklin	158	2,637	5,883	6,371	7,119	7,794	8,347	8,839	8,918	9,213
Fulton	.....	20	625	1,195	1,712	2,368	2,826	3,117	3,628	4,052
Garland	.....	264	1,476	1,743	2,101	2,501	2,687	2,823	2,883	2,968
Grant	(1)	1,032	2,078	2,573	3,048	3,447	3,722	3,800	3,832	4,035
Greene	.....	694	2,767	4,305	5,289	6,874	8,351	8,864	9,689	10,766
Hempstead	347	6,953	12,574	14,165	16,033	17,362	18,230	18,480	18,659	18,812
Hot Spring	54	1,385	2,551	2,967	3,341	3,629	3,786	3,878	3,920	3,991
Howard	174	3,521	6,493	7,947	9,003	10,079	10,546	10,758	10,883	11,300
Independence	24	1,397	3,375	4,263	5,153	6,274	7,304	8,177	8,358	9,418
Izard	.....	101	1,817	2,468	3,156	3,930	4,702	5,214	5,566	5,931
Jefferson	122	8,501	19,815	23,486	27,395	31,501	34,892	37,540	38,225	44,560
Johnson	110	2,488	6,293	7,121	8,340	9,590	10,996	11,445	11,687	12,265
Lafayette	259	3,914	7,183	8,245	9,703	10,704	11,545	11,819	11,922	12,282
Lawrence	.....	108	3,501	4,790	6,287	7,951	9,799	11,411	11,817	13,998
Lee	75	6,736	13,361	15,027	17,257	20,053	22,446	24,130	24,235	26,862
Lincoln	29	3,279	5,978	7,893	8,869	10,206	11,224	12,349	12,551	14,184
Little River	165	3,832	8,818	10,315	11,884	12,901	14,343	14,819	14,987	15,750
Logan	212	4,029	8,759	9,546	10,754	11,723	13,130	13,768	13,958	14,518
Lonoke	208	6,448	15,450	17,609	20,232	22,506	24,666	25,841	26,265	27,603
Miller	120	3,361	6,577	7,752	8,864	9,963	10,817	11,266	11,483	12,422
Mississippi	451	7,468	22,524	31,288	42,824	46,951	51,888	54,471	55,527	64,720
Monroe	105	3,766	7,895	8,983	10,142	11,499	12,777	13,359	13,460	13,664
Montgomery	.....	455	970	1,136	1,474	1,836	2,079	2,172	2,227	2,276
Nevada	190	5,505	8,255	8,999	10,935	11,541	11,811	11,913	12,200	12,619
Ouachita	186	3,391	5,914	6,788	8,122	9,015	9,494	9,662	9,807	10,022
Perry	81	1,207	2,318	2,548	2,794	3,139	3,429	3,529	3,554	3,629
Phillips	156	7,522	17,062	19,698	23,150	26,572	30,535	31,136	31,799	36,898
Pike	62	1,498	2,742	3,039	3,202	3,800	3,899	4,079	4,172	4,361
Poinsett	.....	2,811	8,168	9,146	11,742	13,567	15,699	16,729	16,933	20,065
Polk	.....	639	2,086	2,762	3,504	4,163	4,742	5,008	5,120	5,263
Pope	272	4,805	10,614	11,864	13,097	14,604	16,299	17,044	17,258	17,848
Prairie	(1)	652	2,275	2,877	3,374	4,015	4,581	4,996	5,075	5,412
Pulaski	1,278	3,786	8,984	11,445	13,985	15,886	17,561	18,571	19,216	21,243
Randolph	.....	.....	2,008	2,911	3,850	4,757	5,947	6,862	7,178	8,475
St. Francis	194	6,910	13,466	14,960	17,845	20,345	23,136	24,788	25,020	27,881
Saline	.....	712	1,549	1,975	2,413	2,774	3,060	3,176	3,221	3,381
Scott	33	1,455	3,934	4,510	5,164	5,826	6,390	6,566	6,769	6,994
Sebastian	196	2,177	5,769	6,415	7,242	8,003	8,727	9,139	9,286	9,488
Sevier	56	2,489	5,893	7,132	8,133	9,047	9,558	9,946	9,952	10,201
Sharp	.....	261	1,600	1,962	2,378	2,799	3,457	3,788	4,004	4,299
Union	509	5,594	7,975	11,110	13,110	14,760	15,609	16,089	16,434	17,045
Van Buren	.....	445	1,640	1,958	2,368	2,877	3,240	3,442	3,613	3,903
White	113	4,315	9,141	10,226	11,719	13,304	14,689	15,604	15,793	16,442
Woodruff	86	4,861	10,125	12,453	14,748	17,016	19,099	20,680	20,955	22,939
Yell	232	5,041	10,333	10,929	12,244	13,882	14,824	15,287	16,116	16,921
All other	13	2,386	15,202	20,539	26,611	32,162	37,022	40,088	44,267	51,885

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 54.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1918—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
FLORIDA.										
The state	1,347	6,658	12,148	15,964	19,169	21,465	24,151	26,688	28,956	34,951
Alachua	159	872	1,996	2,536	3,156	3,891	4,332	4,893	5,248	5,672
Baker	.....	.....	(1)	46	69	87	136	225	444	550
Bradford	(1)	(1)	96	153	292	300	450	629	633	956
Columbia	(1)	295	734	945	1,173	1,422	1,686	1,880	2,212	2,382
Hamilton	(1)	155	477	607	690	774	928	1,152	1,338	1,460
Jackson	642	2,151	2,247	2,846	3,074	3,096	3,126	3,456	3,462	3,526
Jefferson	17	310	666	818	915	947	982	992	1,000	1,003
Leon	38	696	1,462	1,795	2,006	2,241	2,528	2,610	2,638	2,641
Madison	17	135	330	429	519	539	539	539	539	897
Suwannee	(1)	223	867	1,286	1,540	1,780	2,097	2,510	3,058	4,493
All other	474	1,821	3,273	4,503	5,735	6,388	7,347	7,802	8,384	11,371
GEORGIA.										
The state	117,515	626,527	1,278,896	1,469,773	1,626,542	1,765,950	1,873,552	1,952,787	1,994,038	2,117,860
Appling	910	3,013	4,170	4,300	4,682	5,061	5,352	5,560	5,711	5,981
Atkinson	187	814	1,303	1,485	1,540	1,551	1,591	1,644	1,644	1,656
Bacon	317	1,264	1,713	2,135	2,156	2,203	2,203	2,871	2,871	3,037
Baker	131	464	1,316	1,459	1,513	1,561	1,587	1,602	1,673	1,697
Baldwin	732	5,384	9,256	9,956	10,933	11,887	12,681	13,415	14,347	14,707
Banks	.....	1,289	6,141	7,270	8,050	8,857	9,343	9,690	10,055	11,007
Barrow	48	4,136	10,581	12,292	13,998	15,640	16,641	17,142	17,400	18,831
Bartow	(1)	2,062	9,648	11,283	13,486	15,172	17,015	17,785	18,129	19,514
Ben Hill	1,582	4,843	7,064	7,640	8,021	8,171	8,298	8,324	8,444	8,514
Berrien	475	1,991	3,089	3,642	3,788	3,928	3,957	4,027	4,137	4,137
Bibb	712	4,978	8,605	10,132	11,096	12,149	12,306	13,799	14,066	14,860
Bleckley	966	4,255	7,065	8,330	9,157	10,333	11,165	11,584	11,841	12,063
Brooks	1,075	3,798	5,215	5,499	6,032	6,078	6,106	6,147	6,147	6,161
Bryan	287	1,248	2,275	2,709	2,977	3,381	3,740	3,879	3,953	3,972
Bulloch	4,196	13,810	20,961	23,189	25,442	27,337	28,946	30,072	31,054	32,613
Burke	5,011	23,117	42,116	49,188	53,659	56,853	59,749	61,634	62,315	67,071
Butts	201	3,993	9,443	11,753	13,184	14,294	15,118	15,738	16,128	17,020
Calhoun	796	3,462	5,291	5,644	6,001	6,161	6,268	6,318	6,381	6,408
Campbell	.....	2,012	7,698	9,049	10,445	11,217	12,388	12,892	13,421	14,554
Candler	2,352	4,875	7,254	8,401	9,149	9,535	9,694	10,489	10,715	12,497
Carroll	7	3,950	17,405	20,112	23,615	26,947	29,305	31,255	31,960	34,591
Chattahoochee	(1)	1,036	2,070	2,457	2,641	2,927	3,105	3,136	3,310	3,341
Chattooga	.....	1,028	5,474	6,039	7,292	8,229	9,218	9,881	10,040	10,826
Cherokee	.....	513	4,679	5,915	7,176	8,231	9,460	10,172	10,764	11,989
Clarke	20	2,473	7,860	9,289	10,637	12,077	13,100	13,778	13,977	16,060
Clayton	9	2,510	7,463	8,855	10,073	11,211	12,013	12,653	12,911	14,180
Cobb	(1)	1,404	8,283	10,402	12,290	14,314	16,018	16,927	17,847	20,376
Coffee	2,289	6,613	9,500	10,972	11,727	12,192	12,494	12,631	12,721	12,926
Colquitt	3,016	8,350	10,205	11,672	11,866	12,535	12,790	12,828	12,828	13,094
Columbia	577	5,841	11,458	13,216	14,529	15,579	16,602	17,249	17,620	18,095
Cook	182	802	1,370	1,606	1,771	1,863	1,900	2,083	2,083	2,083
Coweta	63	6,017	17,953	21,096	24,220	25,885	27,224	28,953	29,298	31,568
Crawford	132	2,031	4,020	4,521	4,837	5,186	5,654	5,916	6,091	6,303
Crisp	1,686	8,357	11,390	11,536	11,850	12,618	12,833	13,027	13,040	13,136
Decatur	873	2,535	3,686	3,984	4,191	4,426	4,514	4,629	4,686	4,720
Dekalb	.....	1,846	7,514	9,348	11,025	12,466	13,425	14,303	14,798	16,344
Dodge	4,619	14,511	21,860	26,287	28,289	29,936	31,567	32,748	33,343	34,842
Dooly	2,884	15,306	25,059	26,837	28,374	29,504	30,352	30,801	31,353	31,852
Dougherty	485	2,965	4,865	5,263	5,596	5,800	5,983	6,184	6,245	6,425
Douglas	.....	871	4,919	5,827	7,039	8,042	8,890	9,333	9,676	10,848
Early	1,936	5,150	7,110	7,284	7,818	7,902	7,926	7,934	8,052	8,094
Effingham	276	1,821	3,285	3,812	4,236	4,715	5,181	5,476	5,648	6,322
Elbert	(1)	4,172	12,159	13,741	15,587	17,665	18,890	19,806	20,206	22,385
Emanuel	7,065	19,843	29,629	32,821	35,884	38,575	40,793	42,616	43,949	46,645
Evans	1,448	3,711	4,902	5,466	6,190	6,615	7,212	7,529	7,753	8,200

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 54.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1918—Continued.

COUNTY.	COTTON GINNED TO— Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	Total ginned.
GEORGIA—Continued.										
Fayette	5	3,599	10,234	12,079	13,302	13,960	14,723	15,027		16,738
Floyd	(1)	1,947	9,110	10,878	12,590	14,466	16,425	17,825	15,310	19,477
Forsyth	.....	492	5,226	6,455	7,559	8,911	9,742	10,519	18,168	11,855
Franklin	4	3,800	14,907	17,540	19,693	21,813	23,219	24,037	10,813	27,117
Glascock	62	1,276	2,619	3,189	3,753	4,273	4,678	4,863	24,678	5,345
									4,981	
Gordon	.....	749	6,419	7,480	8,908	10,367	11,990	12,810		13,818
Grady	671	1,786	2,360	2,493	2,582	2,628	2,648	2,673	13,181	2,748
Greene	100	4,353	11,798	14,178	15,845	17,700	18,773	20,017	2,721	21,748
Gwinnett	.....	3,106	13,781	17,505	20,617	23,524	25,511	27,236	20,244	30,177
Hall	.....	677	6,702	8,298	10,112	11,977	13,224	14,216	27,902	16,554
									14,942	
Hancock	563	6,656	14,125	16,692	18,139	19,592	21,044	22,253		22,859
Haralson	.....	606	4,564	5,325	6,578	7,684	8,535	9,166	22,595	10,234
Harris	108	3,913	9,145	9,942	10,788	11,819	12,631	12,887	9,471	12,996
Hart	5	2,970	10,063	11,373	12,302	13,561	14,381	15,011	12,948	17,888
Heard	24	2,129	6,944	7,989	8,732	9,451	10,382	10,719	15,355	11,306
									10,900	
Henry	69	6,467	17,473	22,007	24,284	26,380	28,110	28,975		31,617
Houston	953	8,469	14,405	16,455	17,333	18,381	18,961	19,443	29,388	20,240
Irwin	1,896	6,947	9,921	10,643	11,078	11,607	11,801	11,991	19,851	12,133
Jackson	14	5,443	18,717	22,622	25,327	28,319	30,615	31,681	12,031	36,016
Jasper	521	7,576	16,667	19,124	20,919	22,585	23,658	24,600	32,399	27,037
									24,966	
Jeff Davis	569	1,903	2,564	2,842	3,000	3,155	3,199	3,221		3,266
Jefferson	4,359	15,909	27,425	30,839	32,943	34,878	36,275	37,797	3,236	39,725
Jenkins	3,461	10,066	17,289	18,615	20,152	21,662	22,824	23,545	38,299	25,282
Johnson	2,871	9,058	13,136	15,016	16,177	17,218	18,002	18,645	23,935	20,322
Jones	224	4,170	8,660	9,398	10,371	11,293	11,995	12,706	19,051	13,092
									12,898	
Laurens	6,734	23,299	37,909	42,504	46,737	50,033	52,326	53,996		59,253
Lee	586	2,877	5,191	5,877	6,165	6,462	6,621	6,647	55,858	6,725
Liberty	.....	490	1,355	1,535	1,681	1,818	1,918	2,339	6,661	2,639
Lincoln	(1)	1,262	4,419	5,958	7,017	7,790	8,441	8,841	2,426	9,484
Lowndes	84	681	1,463	1,718	1,928	1,990	2,080	2,088	8,918	2,088
									2,088	
McDuffie	376	3,053	7,350	8,682	9,676	10,522	11,262	12,118		12,979
Macon	705	5,127	9,162	10,060	11,505	12,219	12,859	13,221	12,353	13,571
Madison	17	4,640	13,582	15,376	16,816	18,282	19,666	20,357	13,451	22,906
Marion	142	2,086	3,677	3,990	4,131	4,526	4,770	4,998	20,790	5,405
Meriwether	113	8,297	20,000	22,322	23,934	26,054	27,428	28,412	5,084	29,104
									28,653	
Milton	.....	392	3,345	4,462	5,197	6,010	6,476	7,014		7,829
Mitchell	1,879	6,490	10,162	11,214	11,475	11,801	11,995	12,451	7,135	12,742
Monroe	822	7,373	15,526	17,122	18,879	20,621	21,852	23,026	12,545	24,871
Montgomery	1,576	5,257	7,900	9,080	9,883	10,080	10,380	10,800	23,903	12,380
Morgan	229	7,022	17,037	21,448	24,465	27,010	28,511	29,620	11,312	33,599
									30,037	
Murray	.....	109	1,856	2,311	2,429	3,268	3,673	3,923		4,242
Muscogee	171	2,364	4,336	4,755	5,202	5,644	5,967	6,062	4,020	6,167
Newton	146	5,084	13,015	15,471	18,341	20,273	21,696	22,633	6,103	24,781
Oconee	32	3,063	9,051	11,366	13,010	14,594	15,624	16,320	22,929	18,121
Oglethorpe	10	3,090	12,338	16,058	18,370	21,080	23,035	23,991	16,494	27,150
									24,158	
Paulding	.....	1,036	5,519	6,189	7,466	8,090	9,282	9,636		11,029
Pierce	59	476	1,062	1,501	1,754	2,180	2,575	2,955	9,947	4,039
Pike	260	7,933	17,381	20,204	21,622	23,166	23,920	24,837	3,339	26,045
Polk	.....	1,512	7,006	7,797	8,951	10,106	11,366	11,930	25,110	13,076
Pulaski	702	4,793	8,679	9,888	10,502	11,005	11,479	11,709	12,299	12,039
									11,833	
Putnam	(1)	4,004	9,638	11,224	12,593	13,894	14,956	15,895		17,729
Randolph	1,259	4,460	8,142	8,846	9,388	9,968	10,333	10,556	16,201	10,861
Richmond	1,004	5,876	9,637	11,431	12,386	13,233	13,911	14,644	10,658	15,602
Rockdale	.....	2,012	5,714	6,951	8,030	9,026	9,756	10,137	14,869	11,395
Schley	302	2,091	3,952	4,441	4,928	5,426	5,760	5,993	10,362	6,137
									6,122	
Screven	3,690	14,268	22,528	25,172	27,632	28,882	29,425	31,112		35,236
Spalding	150	5,680	12,973	15,191	17,060	18,575	19,718	20,703	32,140	23,038
Stephens	.....	938	3,994	4,648	5,380	6,297	6,802	7,152	21,089	8,094
Stewart	195	2,210	4,139	4,563	4,899	5,260	5,432	5,598	7,480	5,700
Sumter	2,068	11,073	19,816	21,433	23,107	24,532	25,420	26,116	5,614	26,423
									26,289	

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 54.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1918—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
GEORGIA—Continued.										
Talbot	172	2,811	5,915	6,504	7,341	7,899	8,341	8,551	8,591	8,626
Taliaferro	20	2,025	5,712	7,149	8,096	8,985	9,702	10,363	10,543	11,162
Tattnall	1,457	4,961	7,440	8,694	9,406	10,235	10,998	11,453	11,910	12,641
Taylor	494	3,648	7,431	8,292	8,973	9,692	9,937	10,743	10,800	10,950
Telfair	2,890	8,253	12,622	14,245	15,561	16,575	16,951	17,327	17,455	17,671
Terrell	1,944	9,081	15,347	16,364	17,210	18,206	18,570	18,887	19,003	19,083
Thomas	1,737	4,967	6,507	7,086	7,429	7,539	7,624	7,663	7,691	7,731
Tift	2,205	6,288	8,669	9,232	9,533	9,606	9,623	9,631	9,643	9,684
Toombs	2,085	7,163	9,838	11,348	12,442	13,335	13,997	14,481	14,911	15,598
Treutlen	1,350	3,288	4,565	5,498	6,195	6,720	6,920	7,200	8,367	9,002
Troup	333	7,087	15,439	17,041	18,450	19,899	21,651	22,412	22,624	22,843
Turner	2,950	9,418	12,968	13,957	14,511	14,838	14,978	15,087	15,119	15,162
Twiggs	449	4,054	7,739	8,804	9,532	10,589	10,997	11,836	12,207	12,908
Upson	238	3,420	8,155	9,420	10,372	11,233	12,052	12,697	12,933	13,595
Walker	.....	290	2,805	3,468	4,295	5,154	5,916	6,509	6,719	7,140
Walton	173	8,192	20,263	22,676	25,973	28,674	30,235	31,089	31,418	34,848
Ware	78	707	987	1,055	1,055	1,403	1,403	1,413	1,413	1,481
Warren	34	2,359	6,775	8,739	10,107	11,427	12,707	13,687	14,278	14,668
Washington	2,041	10,838	18,377	21,712	24,564	26,455	28,427	29,277	30,734	32,243
Wayne	513	2,075	3,025	3,742	4,376	4,830	5,286	5,536	5,697	6,037
Wheeler	1,615	4,296	6,270	7,207	7,481	7,738	7,890	8,434	8,572	9,507
Whitfield	.....	316	2,846	3,570	4,431	5,483	6,274	6,940	7,092	7,614
Wilcox	3,779	12,105	19,554	21,080	22,362	23,544	23,881	24,146	24,211	24,909
Wilkes	116	5,259	15,261	19,547	22,436	25,393	27,577	29,423	29,775	32,560
Wilkinson	385	2,992	6,164	7,020	7,488	8,045	8,621	8,859	9,253	9,884
Worth	2,112	8,125	12,477	13,436	14,038	14,377	14,499	14,606	14,630	14,650
All other	1,010	3,560	8,315	9,408	13,200	14,346	17,837	18,384	19,285	22,049
LOUISIANA.										
The state	32,682	176,862	320,150	360,402	420,617	461,130	497,786	524,341	540,373	582,698
Acadia	1,163	3,893	6,080	6,613	7,307	7,642	7,985	8,420	8,526	8,806
Avoyelles	2,020	10,509	12,359	12,359	23,301	25,652	25,843	26,896	28,066	30,489
Bienville	1,031	6,494	10,945	12,052	13,407	14,379	14,740	15,075	15,333	15,705
Bossier	1,335	6,989	12,975	15,022	17,755	19,382	21,480	21,913	22,114	22,766
Caddo	1,593	10,154	19,801	22,299	26,426	29,700	34,328	37,177	38,292	41,273
Caldwell	45	765	1,993	2,705	3,266	3,867	4,426	4,796	4,973	5,099
Catahoula	109	2,784	5,739	6,861	8,208	9,454	10,393	11,176	11,704	13,507
Claiborne	1,584	8,174	13,134	14,651	16,998	18,188	18,811	19,280	19,561	19,783
Concordia	(1)	1,465	5,900	7,219	8,264	9,993	11,260	12,400	13,070	17,265
De Soto	1,146	6,071	10,850	11,579	13,181	14,094	14,982	16,229	16,578	17,344
East Baton Rouge	988	3,248	4,732	4,971	5,299	5,449	5,528	5,641	5,666	5,812
East Carroll	(1)	1,513	3,877	4,946	6,087	7,405	8,331	10,045	10,541	13,959
East Feliciana	1,191	4,998	6,815	7,988	8,301	8,620	9,252	9,299	9,356	9,908
Evangeline	1,732	4,995	7,572	9,355	9,751	10,424	11,210	11,210	11,400	12,917
Franklin	1,153	6,606	12,445	13,601	15,492	16,152	18,093	19,104	19,603	21,010
Grant	266	1,874	3,409	3,529	4,219	4,753	5,178	5,499	5,552	5,727
Jackson	425	2,591	4,261	4,667	5,280	5,874	6,118	6,335	6,733	7,079
La Salle	(1)	426	758	864	1,079	1,237	1,346	1,487	1,543	1,624
Lafayette	1,924	7,045	10,213	10,820	11,767	12,367	13,366	14,113	14,240	14,404
Lincoln	640	4,500	8,109	8,825	10,001	10,586	11,086	11,456	11,644	11,804
Madison	(1)	246	2,731	3,495	5,121	6,348	7,842	8,879	9,851	13,271
Morehouse	87	2,318	6,841	7,496	9,109	11,278	13,850	15,155	15,755	18,560
Natchitoches	2,685	10,834	19,271	21,143	23,567	25,569	27,082	28,075	28,647	29,320
Ouachita	481	4,483	7,943	8,781	10,337	12,502	13,674	15,123	15,477	16,273
Pointe Coupee	323	2,984	6,288	7,504	8,120	8,667	9,079	9,769	10,045	10,773
Rapides	1,696	9,033	15,560	16,595	18,634	20,297	21,668	22,883	23,369	23,708
Red River	1,000	4,716	9,023	10,029	11,491	12,768	13,905	14,175	14,334	14,989
Richland	681	5,765	11,142	12,293	15,198	17,169	18,522	19,900	20,525	21,435
Sabine	695	3,540	5,728	6,491	7,247	7,664	8,364	8,856	9,052	9,440

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 54.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1918—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
LOUISIANA—Continued.										
St. Landry	3,146	13,266	19,510	22,033	24,275	25,123	25,823	26,414	27,518	29,081
St. Tammany	.....	(1)	453	487	573	591	603	615	642	665
Tangipahoa	.....	1,832	3,296	3,570	3,912	4,272	4,505	4,650	4,726	4,824
Tensas	95	655	4,427	6,866	8,008	9,731	10,888	11,850	13,394	17,816
Union	388	3,538	6,294	7,456	8,471	9,172	9,852	10,123	10,374	10,600
Vermilion	.....	1,489	4,365	4,908	5,406	5,429	5,579	5,642	5,739	5,789
Washington	1,267	3,579	5,058	5,318	5,636	5,896	6,141	6,438	6,564	6,633
Webster	313	3,951	8,503	9,442	11,809	12,856	13,746	14,202	14,303	14,546
West Feliciana	.....	1,315	2,645	2,889	3,239	3,463	3,658	3,719	3,738	3,756
West Carroll	373	2,817	5,296	6,747	7,011	7,732	8,357	8,851	9,040	9,496
Winn	286	1,720	3,214	3,784	3,989	4,756	4,930	5,050	5,120	6,061
All other	816	3,687	10,595	12,149	14,075	14,629	15,962	16,421	17,665	19,381
MISSISSIPPI.										
The state	33,911	289,906	591,657	689,343	788,680	893,757	987,332	1,049,859	1,070,669	1,193,122
Adams	240	1,414	2,865	3,240	3,608	4,047	4,386	4,896	5,116	5,450
Alcorn	(1)	1,634	4,008	4,581	5,237	6,136	6,941	7,275	7,403	7,626
Amite	765	4,350	7,240	7,867	8,586	9,217	10,022	10,402	10,601	10,728
Attala	227	2,722	4,480	5,389	6,327	7,130	7,640	7,838	7,879	8,311
Benton	.....	883	2,762	3,275	3,779	4,421	5,302	5,790	5,963	6,161
Bolivar	4,526	29,623	54,812	61,755	71,320	80,357	88,338	96,583	98,357	115,997
Carroll	149	3,098	5,734	6,444	7,314	8,219	8,768	8,991	9,006	9,449
Chickasaw	436	3,674	6,605	7,482	8,352	9,317	9,909	10,097	10,157	10,207
Claiborne	306	2,556	4,679	5,192	5,895	6,747	7,204	7,597	7,655	7,728
Clay	377	2,692	5,163	5,782	6,424	7,176	7,617	7,699	7,729	7,872
Coahoma	.....	10,932	30,298	37,008	44,249	51,955	57,955	63,330	65,460	80,372
Copiah	964	3,714	6,129	6,967	7,520	8,156	8,633	8,812	8,956	8,988
Covington	809	2,458	4,010	4,570	4,932	5,202	5,378	5,510	5,672	5,946
De Soto	46	4,989	11,980	14,940	17,876	20,586	23,014	25,552	26,080	29,447
Franklin	111	1,211	2,843	3,407	3,880	4,407	4,786	5,030	5,119	5,344
Grenada	151	2,699	5,065	5,951	6,956	7,949	8,433	8,604	8,643	8,716
Hinds	1,664	9,898	16,879	19,478	21,598	24,136	26,080	26,910	27,403	28,397
Holmes	1,241	9,846	18,236	21,464	23,593	26,232	28,443	29,530	30,372	33,177
Humphreys	334	4,759	11,055	12,892	14,921	17,379	19,555	20,883	21,436	23,635
Issaquena	.....	438	1,932	3,105	3,725	4,731	5,633	6,678	7,018	10,128
Jasper	210	1,606	3,912	4,581	5,133	5,712	6,152	6,310	6,348	6,563
Jefferson	855	3,385	5,842	6,674	7,607	8,822	9,927	10,354	10,545	10,883
Jefferson Davis	1,218	4,481	6,760	7,607	8,028	8,407	8,666	8,923	9,061	9,211
Jones	1,224	3,163	4,958	5,615	6,098	6,597	7,019	7,373	7,686	8,104
Kemper	94	1,428	3,809	4,458	5,388	6,303	6,882	7,070	7,242	7,388
Lawrence	1,005	4,111	6,018	6,949	7,537	8,042	8,692	9,117	9,195	9,290
Leake	389	3,107	5,499	6,367	6,829	6,971	6,999	7,033	7,033	7,354
Lee	910	6,134	10,155	11,051	12,233	13,469	14,491	14,835	14,962	15,199
Leflore	740	11,372	28,907	34,687	38,348	44,166	49,678	53,157	54,917	63,512
Lincoln	1,337	4,849	6,576	7,432	8,093	8,611	9,302	9,558	9,646	9,796
Lowndes	207	2,319	4,517	5,493	6,560	7,789	8,771	9,692	9,857	10,013
Madison	1,260	7,822	13,501	15,188	16,926	18,633	19,951	20,280	20,416	20,693
Marion	(1)	1,587	4,322	4,759	4,944	5,108	5,278	5,400	5,503	5,620
Marshall	.....	3,529	9,401	10,971	12,681	14,118	16,641	17,570	18,298	19,084
Monroe	601	4,542	8,263	9,397	10,579	12,069	13,096	13,530	13,661	13,813
Montgomery	289	2,394	3,750	4,470	5,168	5,833	6,297	6,447	6,479	6,621
Neshoba	202	2,360	4,139	4,994	5,818	6,471	7,135	7,304	7,530	7,845
Newton	.....	1,383	4,089	4,964	5,723	6,430	7,220	7,495	7,645	7,876
Noxubee	364	4,992	8,251	9,437	10,909	12,942	14,671	15,356	15,617	16,002
Oktibbeha	.....	786	3,035	3,358	3,902	4,218	4,615	4,763	4,779	4,837
Panola	209	6,462	12,723	14,311	16,466	18,892	20,770	21,501	21,517	22,025
Pike	1,121	4,629	6,730	7,128	7,630	8,111	8,838	9,174	9,414	9,466
Pontotoc	.....	2,651	3,848	4,674	5,091	6,340	6,933	6,966	6,971	7,110
Prentiss	.....	2,217	3,966	4,327	4,744	5,325	5,885	6,105	6,159	6,299
Quitman	292	5,774	14,276	17,207	20,533	23,821	26,555	28,931	29,523	34,086

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 54.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1918—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
MISSISSIPPI—Continued.										
Rankin	.....	1,417	3,346	4,242	4,836	5,471	5,876	5,980	6,029	6,200
Scott	.....	676	2,928	3,791	4,467	5,020	5,497	5,655	5,701	5,719
Sharkey	(1)	1,662	6,009	8,305	10,034	12,853	14,890	16,158	16,942	24,120
Simpson	847	3,288	5,155	5,893	6,442	7,005	7,447	7,585	7,646	7,700
Smith	774	3,313	5,673	6,541	7,127	7,784	8,206	8,362	8,390	8,515
Sunflower	2,661	22,162	42,319	46,394	53,245	61,094	67,754	73,669	74,416	87,196
Tallahatchie	67	6,923	18,435	22,297	27,172	30,788	34,017	37,435	37,931	44,791
Tate	133	5,111	10,438	11,528	13,004	14,661	16,714	17,758	17,890	18,290
Tippah	.....	1,381	2,587	3,052	3,684	4,428	5,230	5,668	5,764	6,029
Tishomingo	.....	397	3,036	3,470	4,070	4,615	5,171	5,376	5,508	5,686
Tunica	86	4,504	12,465	14,916	18,149	21,709	24,319	26,102	26,429	31,661
Union	138	2,237	3,565	3,994	4,358	5,246	5,755	5,800	5,900	6,016
Walthall	1,239	3,419	4,811	5,085	5,499	5,767	6,502	6,817	6,981	7,202
Warren	218	2,099	4,607	6,057	7,349	8,393	9,258	9,902	10,451	13,001
Washington	1,254	11,183	26,486	32,106	36,025	41,197	46,166	51,684	53,415	67,477
Wayne	.....	229	2,254	2,701	2,956	3,175	3,316	3,437	3,571	3,700
Webster	.....	1,069	3,628	4,037	4,558	4,978	5,286	5,426	5,448	5,518
Wilkinson	.....	763	3,078	3,599	4,510	5,144	5,488	5,983	6,205	6,613
Yalobusha	61	2,189	3,776	4,421	5,318	6,035	6,422	6,491	6,518	6,637
Yazoo	392	6,041	12,723	15,524	18,000	20,479	23,330	24,901	25,586	28,513
All other	1,168	9,170	20,316	24,442	28,817	31,215	36,187	37,419	37,919	40,169
MISSOURI.										
The state	13	4,484	19,967	25,282	33,522	40,677	47,039	51,045	53,049	59,797
Butler	.....	(1)	688	866	1,221	1,381	1,810	2,036	2,063	2,232
Dunklin	(1)	1,932	9,762	12,125	15,796	18,762	21,412	23,312	24,220	26,664
New Madrid	.....	394	2,296	3,000	3,877	5,208	6,108	6,768	6,994	8,259
Pemiscot	(1)	2,100	6,556	8,239	10,706	12,814	14,354	15,211	15,645	17,659
Stoddard	.....	(1)	451	610	825	993	1,210	1,375	1,534	1,849
All other	13	58	214	442	1,097	1,519	2,145	2,343	2,593	3,134
NORTH CAROLINA.										
The state	1,851	78,709	297,910	415,343	527,435	648,921	717,405	768,948	810,486	919,338
Alexander	.....	(1)	395	611	755	1,010	1,167	1,212	1,282	1,404
Anson	382	6,407	13,741	16,908	18,904	21,298	23,120	24,089	24,469	25,814
Beaufort	.....	302	3,284	4,924	6,042	8,199	9,543	10,146	10,491	12,036
Bertie	.....	118	2,639	4,325	5,866	8,353	9,746	10,982	12,234	14,903
Bladen	.....	590	3,563	5,090	6,660	8,220	9,154	9,847	10,390	11,260
Cabarrus	.....	1,373	4,417	5,947	7,502	8,752	9,589	10,225	10,475	11,541
Camden	.....	.....	277	704	1,284	1,531	1,829	1,909	2,360	2,613
Carteret	.....	197	825	1,202	1,346	1,692	1,859	1,953	2,057	2,307
Catawba	.....	115	2,926	3,869	4,752	6,029	6,855	7,488	7,741	8,384
Chatham	.....	210	2,216	3,216	4,246	5,613	6,440	7,060	7,393	8,142
Chowan	.....	132	1,613	2,195	2,606	3,844	4,271	4,701	4,740	5,480
Cleveland	.....	1,524	10,709	13,889	16,490	20,025	21,797	23,262	23,875	25,487
Columbus	.....	457	2,093	3,320	4,589	6,204	7,170	8,330	9,260	10,301
Craven	.....	195	1,620	2,534	3,332	4,309	4,826	5,336	5,702	6,517
Cumberland	(1)	3,497	8,160	10,619	13,260	16,094	17,512	18,178	18,847	19,917
Davidson	.....	.....	174	402	661	1,068	1,279	1,507	1,607	1,839
Davie	.....	(1)	437	667	845	1,176	1,448	1,673	1,841	2,104
Duplin	.....	966	4,104	5,754	7,769	10,312	11,377	12,300	13,282	14,701
Durham	.....	.....	87	144	282	381	496	560	602	682
Edgecombe	.....	1,623	9,342	13,156	18,048	23,320	26,435	28,532	29,961	34,969

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 54.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1918—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
NORTH CAROLINA—Continued.										
Franklin	.....	232	3,701	6,880	9,661	12,477	13,057	14,342	14,800	16,656
Gaston	.....	317	3,164	4,138	5,091	6,311	7,034	7,756	8,068	8,986
Gates	.....	15	915	1,598	2,037	3,175	3,843	4,415	4,628	5,488
Greene	.....	(1)	2,347	3,564	4,907	6,608	8,019	8,786	9,772	12,402
Halifax	.....	272	8,010	13,109	18,503	25,205	27,601	29,612	30,699	37,140
Harnett	(1)	4,936	12,284	16,001	19,359	21,469	23,601	24,793	25,576	26,922
Hertford	.....	(1)	662	1,221	1,819	2,782	3,495	3,787	4,093	5,529
Hoke	83	4,181	9,701	11,467	13,113	14,459	15,224	15,660	16,066	16,679
Iredell	.....	129	3,405	5,103	6,207	8,149	9,299	9,930	10,388	11,910
Johnston	.....	4,618	17,216	24,736	31,504	37,525	40,537	42,476	45,979	52,140
Jones	.....	484	2,425	2,963	3,579	4,414	4,832	5,182	5,446	6,057
Lee	.....	652	2,394	2,922	3,948	5,257	5,845	6,280	6,667	7,176
Lenoir	.....	1,118	4,755	7,171	9,072	10,923	11,715	12,763	13,744	15,706
Lincoln	.....	166	2,534	3,896	4,519	5,145	5,810	6,228	6,455	7,111
Martin	.....	57	1,500	3,307	4,938	6,941	7,995	8,808	9,283	11,885
Mecklenburg	.....	571	7,688	11,072	14,435	18,149	19,769	21,328	22,029	25,290
Montgomery	(1)	478	1,716	2,152	2,825	3,745	4,222	4,615	4,725	5,167
Moore	.....	313	1,369	1,872	2,334	2,788	3,158	3,318	3,481	3,793
Nash	.....	666	6,098	8,750	12,784	17,536	20,032	21,724	23,792	30,136
Northampton	.....	165	4,434	6,856	9,726	13,509	15,693	16,909	17,307	20,405
Onslow	.....	328	1,860	2,426	3,249	4,141	4,734	5,008	5,264	5,620
Orange	.....	.....	111	287	500	766	927	1,115	1,289	1,544
Pamlico	.....	121	1,658	2,380	3,033	3,328	4,182	4,437	4,683	5,192
Pasquotank	.....	.....	461	958	1,471	2,090	2,444	2,797	3,236	3,952
Pender	.....	(1)	868	1,377	1,939	2,531	2,902	3,137	3,365	3,805
Perquimans	.....	.....	779	1,363	2,121	3,501	4,008	4,292	4,648	5,394
Pitt	.....	426	6,570	10,051	14,161	17,717	20,311	22,033	24,057	28,255
Richmond	228	4,437	9,177	10,633	11,852	12,847	13,597	14,153	14,390	15,100
Robeson	432	13,147	28,901	37,680	45,213	51,678	54,854	58,452	60,260	63,857
Rowan	.....	140	2,169	3,296	4,206	5,581	6,401	7,077	7,370	8,384
Rutherford	.....	574	3,818	5,063	6,034	7,458	8,387	9,008	9,700	10,705
Sampson	7	3,618	10,348	14,827	18,204	20,776	23,057	24,405	25,706	28,363
Scotland	681	11,020	18,609	21,810	25,232	28,267	29,893	30,932	31,780	34,587
Stanly	.....	251	1,835	2,483	3,118	4,262	4,944	5,694	6,124	6,647
Union	(1)	1,836	9,486	13,075	16,236	19,434	20,994	22,887	23,687	25,592
Vance	.....	(1)	1,208	2,165	3,014	3,908	4,365	4,718	4,837	5,398
Wake	.....	1,752	8,713	12,622	16,045	18,018	18,904	19,834	21,939	28,658
Warren	.....	46	2,134	4,073	6,112	8,282	9,072	9,681	9,940	10,910
Washington	.....	51	867	1,467	1,783	2,393	2,851	3,139	3,316	3,725
Wayne	.....	2,421	10,956	16,541	20,865	25,138	27,552	29,384	32,502	39,074
Wilson	.....	1,170	7,240	10,470	14,194	18,739	21,241	22,917	24,588	29,553
All other	38	295	1,202	2,042	3,253	4,069	5,091	5,846	6,198	8,044
OKLAHOMA.										
The state	19,212	155,601	349,946	389,905	435,144	474,747	520,401	541,750	552,933	585,149
Adair	.....	170	389	516	578	739	879	892	892	946
Atoka	223	1,794	3,996	4,378	4,716	5,092	5,357	5,467	5,504	5,534
Beckham	187	2,462	6,191	6,732	7,695	8,294	9,654	10,077	10,277	12,148
Bryan	2,590	9,369	17,813	18,807	20,582	21,435	22,797	23,059	23,195	23,780
Caddo	52	1,520	5,289	5,900	7,039	7,897	9,129	9,622	10,259	11,785
Carter	838	4,499	8,158	8,734	9,168	9,599	9,862	10,098	10,148	10,214
Cherokee	.....	1,355	3,071	3,457	3,898	4,292	4,720	4,791	4,827	4,910
Choctaw	977	5,837	11,590	12,578	13,888	15,050	15,944	16,164	16,289	16,408
Cleveland	124	2,117	5,780	6,771	7,700	8,378	9,641	10,088	10,302	10,809
Coal	208	1,987	4,163	4,416	4,742	5,010	5,335	5,454	5,498	5,562
Comanche	.....	346	1,404	1,648	1,936	2,143	2,543	2,692	2,849	2,969
Cotton	114	517	1,130	1,229	1,316	1,377	1,471	1,491	1,560	1,613
Creek	201	3,778	10,028	11,648	13,110	14,632	16,063	16,985	17,720	18,914
Garvin	1,096	6,273	13,962	15,392	16,658	17,858	19,699	20,584	20,967	21,540
Grady	38	1,034	3,880	4,445	5,225	5,603	6,977	7,597	7,876	8,255

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 54.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1918—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
OKLAHOMA—Continued.										
Greer	.....	811	2,649	3,028	3,902	4,429	5,795	6,016	6,129	7,613
Harmon	.....	422	1,381	1,614	2,119	2,492	3,240	3,463	3,623	4,620
Haskell	133	2,138	5,730	6,353	7,276	8,266	9,365	9,755	9,809	9,924
Hughes	956	5,852	13,087	14,392	15,596	16,580	17,793	18,257	18,423	18,612
Jackson	415	3,294	7,096	7,635	8,754	9,756	11,253	11,574	11,788	13,571
Jefferson	445	2,443	5,527	5,935	6,218	6,509	6,859	7,030	7,205	7,275
Johnston	1,333	5,181	9,220	9,780	10,354	10,811	11,250	11,421	11,556	11,749
Kiowa	523	2,426	4,878	5,087	5,585	5,991	6,650	6,819	6,856	7,367
Latimer	(1)	303	888	1,566	1,814	1,961	2,182	2,259	2,261	2,302
LeFlore	272	4,708	11,480	13,006	14,495	16,329	17,861	18,501	18,570	19,120
Lincoln	330	6,640	15,770	16,625	19,671	22,300	24,441	25,770	26,338	28,754
Logan	.....	770	2,737	3,313	3,816	4,346	4,953	5,257	5,420	6,340
Love	739	3,213	6,611	7,118	7,681	8,064	8,551	8,689	8,752	8,845
McClain	85	2,103	5,829	6,423	7,273	7,960	9,000	9,383	9,662	10,218
McCurtain	259	5,920	12,378	14,906	16,824	18,840	19,956	20,557	20,854	21,802
McIntosh	526	5,248	10,093	10,911	12,018	13,090	14,112	14,468	14,577	15,238
Marshall	1,384	4,129	6,642	7,073	7,281	7,531	7,659	7,850	7,879	8,147
Mayes	.....	779	1,429	2,273	2,467	2,690	2,769	2,896	2,910	3,384
Murray	573	2,800	4,455	4,688	4,874	5,013	5,225	5,308	5,447	5,506
Muskogee	319	4,937	10,861	12,051	13,228	14,912	16,402	17,659	17,889	18,402
Okfuskee	415	5,688	13,530	15,522	17,723	19,289	21,279	22,096	22,882	23,828
Oklahoma	(1)	1,387	2,772	3,994	5,074	5,958	6,200	6,500	7,403	8,270
Okmulgee	166	2,472	5,245	5,710	6,363	6,963	7,535	7,838	7,954	8,190
Osage	.....	218	1,180	1,480	1,804	2,177	2,486	2,613	2,733	3,244
Pawnee	.....	102	979	1,473	1,861	2,251	2,706	3,018	3,189	4,045
Payne	.....	715	2,886	3,559	4,051	4,626	5,184	5,718	5,992	6,986
Pittsburg	372	4,973	11,488	12,674	13,686	15,067	16,211	16,701	16,801	17,030
Pontotoc	552	4,950	9,511	10,558	11,450	12,133	13,084	13,410	13,530	13,611
Pottawatomie	846	7,933	19,051	21,112	23,486	24,846	26,961	29,319	30,040	32,740
Pushmataha	64	1,469	4,063	4,738	5,191	5,476	5,900	5,995	6,230	6,462
Seminole	616	4,682	10,278	11,439	12,943	13,782	15,198	15,704	15,834	16,067
Sequoyah	135	3,793	9,996	11,401	12,897	14,191	15,730	16,328	16,435	16,745
Stephens	160	1,856	5,069	5,589	6,054	6,517	7,165	7,407	7,670	7,843
Tillman	754	3,111	6,313	7,029	8,072	8,929	10,187	10,712	11,195	12,323
Tulsa	.....	1,006	2,155	2,401	2,821	3,262	3,633	3,849	4,018	4,230
Wagoner	.....	2,245	4,474	4,872	5,337	6,359	6,530	6,995	7,205	7,931
Washita	175	1,468	3,389	3,618	4,034	4,411	5,024	5,280	5,306	5,705
All other	17	358	1,982	2,308	2,800	3,236	4,001	4,274	4,405	5,723
SOUTH CAROLINA.										
The state	34,186	351,926	794,729	974,036	1,102,771	1,241,656	1,328,925	1,395,765	1,440,956	1,581,726
Abbeville	(2)	3,335	11,193	14,538	16,743	18,695	20,114	21,181	21,756	25,341
Aiken	2,319	17,857	30,556	37,653	41,364	45,278	46,818	49,124	50,043	52,414
Anderson	14	7,996	33,047	41,172	46,575	51,666	55,436	57,492	58,903	67,427
Barnberg	3,717	14,127	22,350	25 847	27,796	29,839	31,443	33,025	33,600	35,411
Barnwell	5,247	26,365	44,107	50,369	54,658	57,983	62,060	63,202	65,373	70,099
Beaufort	77	1,719	4,013	5,068	6,052	6,842	7,619	8,222	8,770	9,745
Berkeley	78	3,173	7,391	9,087	10,739	12,386	13 613	14 451	15 021	16,135
Calhoun	2,768	14,767	24,299	28,462	31,471	34,634	36,191	37,695	38,832	45,695
Charleston	27	1,372	3,862	5,719	6,568	8,255	10,800	12,714	14,379	18,176
Cherokee	.....	571	6,404	8,468	10,049	11,755	12,970	13,775	14,040	15,439
Chester	13	3,556	14,004	18,471	21,177	24,373	26,233	28,049	28,688	31,512
Chesterfield	730	8,619	17,339	22,267	24,712	26,916	28,560	29,404	30,852	32,344
Clarendon	913	11,709	21,807	26,953	30,104	33,859	36,151	37,696	39,080	41,201
Colleton	590	7,014	13,517	16,428	17,898	19,237	20,523	21,706	22,561	23,336
Darlington	(2)	10,067	22,087	27,221	30,538	35,046	36,802	38,853	40,019	44,417

[1] Included in "All other counties," to avoid disclosure of individual operations.
[2] Not shown separately, to avoid disclosure of individual operations.

TABLE 54.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1918—Continued.

COUNTY	COTTON GINNED TO—									Total ginned
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
SOUTH CAROLINA—Continued.										
Dillon	842	10,608	19,057	23,270	26,234	29,503	31,333	33,203	34,926	38,185
Dorchester	607	5,956	11,268	13,620	15,241	16,739	17,972	19,040	19,689	20,916
Edgefield	406	8,504	18,428	21,556	23,340	25,218	26,846	27,728	28,021	29,008
Fairfield	(1)	3,006	11,804	15,681	17,721	20,218	21,379	22,786	24,059	26,778
Florence	(1)	7,742	18,793	23,185	26,573	30,366	33,299	35,710	37,299	40,357
Georgetown	.....	931	2,321	2,982	3,534	3,828	4,113	4,751	5,358	5,848
Greenville	.....	2,767	16,607	22,222	26,883	31,605	34,774	36,286	38,479	44,734
Greenwood	(1)	6,837	18,617	23,139	27,094	29,916	32,203	33,676	34,975	38,185
Hampton	1,711	9,213	16,106	18,330	19,612	20,969	22,372	23,339	24,151	25,928
Horry	.....	353	2,512	3,955	4,956	6,260	7,197	8,014	8,874	10,053
Jasper	88	2,000	3,941	4,641	4,998	5,506	6,025	6,558	6,958	7,296
Kershaw	353	8,303	17,658	21,439	23,718	26,485	27,677	29,137	29,787	31,397
Lancaster	(1)	2,792	10,357	13,800	16,166	18,595	20,475	21,990	22,823	25,472
Laurens	21	6,337	21,340	26,304	30,043	33,517	35,732	37,469	37,817	43,177
Lee	992	12,554	24,082	29,321	33,279	36,714	38,649	39,973	41,022	44,006
Lexington	1,171	12,461	20,973	25,293	27,758	31,261	32,968	33,948	34,663	36,403
McCormick	143	3,500	9,473	11,225	12,703	13,853	14,915	15,734	15,946	17,356
Marion	23	4,807	9,215	10,803	12,573	14,763	15,989	17,000	18,018	20,173
Marlboro	1,965	20,687	38,369	46,597	52,671	58,472	61,279	62,746	63,972	70,550
Newberry	276	8,058	20,172	24,804	27,874	30,822	32,929	34,543	35,420	40,461
Oconee	.....	2,228	11,589	14,110	16,620	19,002	20,714	21,853	22,795	25,351
Orangeburg	5,950	30,932	53,540	63,191	72,702	89,740	94,790	100,512	102,398	112,004
Pickens	.....	1,229	8,897	11,204	13,658	16,103	17,646	18,738	19,418	21,707
Richland	715	7,746	14,369	17,944	20,051	22,246	23,429	24,558	25,463	26,972
Saluda	444	7,237	17,608	20,158	21,677	23,359	24,960	25,566	25,983	27,644
Spartanburg	.....	4,576	31,506	39,268	46,115	53,944	57,914	61,489	63,033	70,939
Sumter	1,683	15,868	30,975	35,746	40,724	44,877	47,967	49,820	51,513	56,825
Union	.....	1,484	8,813	11,367	13,617	15,574	16,916	17,967	18,401	20,636
Williamsburg	100	7,378	15,683	19,250	22,223	25,303	27,731	29,585	31,226	33,246
York	(1)	3,585	14,620	21,908	25,969	30,134	33,399	35,457	36,552	41,427
TENNESSEE.										
The state	224	45,185	130,922	152,129	190,734	223,944	256,554	282,045	290,663	317,962
Benton	.....	172	1,059	1,232	1,469	1,777	1,986	2,149	2,258	2,455
Carroll	.....	1,182	3,983	4,853	5,602	6,479	7,349	8,030	8,288	8,817
Chester	.....	1,275	2,766	2,991	3,905	4,346	4,865	5,023	5,122	5,517
Crockett	.....	982	3,564	4,063	5,101	5,889	6,855	7,705	8,013	8,556
Dyer	.....	921	5,422	6,702	8,821	10,919	12,694	14,488	15,203	17,371
Fayette	.....	4,902	12,019	12,826	15,247	17,124	19,556	21,118	21,373	22,267
Gibson	.....	2,072	7,199	8,196	10,735	12,722	14,831	16,522	17,373	19,948
Giles	.....	341	1,804	2,506	3,245	4,121	4,878	5,455	5,753	6,352
Hardeman	.....	2,888	6,447	6,942	8,500	9,921	11,681	12,731	12,992	13,684
Hardin	.....	1,082	2,811	3,523	4,102	4,636	5,095	5,401	5,663	5,928
Haywood	34	3,732	9,856	10,868	13,418	15,212	17,114	18,734	19,080	20,387
Henderson	.....	1,007	4,910	5,742	7,141	8,260	9,249	9,953	10,181	10,706
Henry	.....	265	1,012	1,355	1,774	2,283	2,639	2,914	3,078	3,668
Lake	.....	767	4,577	5,340	7,096	8,483	9,763	10,405	10,737	11,961
Lauderdale	.....	3,617	10,333	11,426	14,106	16,258	18,305	19,867	20,248	22,091
Lawrence	.....	168	1,491	2,072	2,932	3,827	4,360	5,074	5,296	5,971
Lincoln	.....	434	1,972	2,278	2,749	3,225	3,782	4,187	4,308	4,464
McNairy	.....	1,961	4,927	5,478	6,628	7,688	8,712	9,366	9,551	9,866
Madison	.....	1,983	2,968	6,935	8,132	10,271	11,329	12,211	12,400	13,278
Obion	.....	200	1,034	1,587	2,331	2,541	3,027	4,395	4,589	5,369
Rutherford	(2)	248	2,242	3,117	3,895	4,548	5,198	6,191	6,601	7,894
Shelby	62	8,780	22,513	24,001	30,421	35,591	40,667	44,333	45,988	50,509
Tipton	127	5,906	12,880	13,310	15,944	19,321	21,811	23,630	23,713	26,235
Weakley	.....	95	1,397	1,788	2,207	2,498	2,903	3,444	3,654	3,983
All other	1	205	1,736	2,998	5,233	6,004	7,905	8,719	9,201	10,685

[1] Not shown separately, to avoid disclosure of individual operations.
[2] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 54.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1918—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
TEXAS.										
The state	751,763	1,570,222	2,054,250	2,162,292	2,258,349	2,325,701	2,417,375	2,479,472	2,516,322	2,610,337
Anderson	2,415	9,920	13,195	14,460	15,630	16,441	17,038	17,607	18,033	18,798
Angelina	1,224	3,972	5,286	5,752	5,909	6,277	6,593	6,701	6,721	7,056
Archer	113	517	802	825	858	885	886	923	923	959
Atascosa	4,532	6,444	7,451	7,752	7,980	8,289	8,441	8,730	8,992	9,256
Austin	15,496	21,641	23,023	23,349	23,637	23,860	24,254	24,895	25,222	25,827
Bastrop	10,758	14,951	16,306	16,704	17,226	17,775	18,579	19,270	19,667	20,317
Bee	5,358	7,550	8,502	8,656	9,009	9,208	9,321	9,460	9,592	9,651
Bell	10,320	17,315	19,914	20,554	20,864	21,285	21,965	22,492	22,761	23,356
Bexar	5,982	9,640	11,297	11,878	12,176	12,570	12,794	13,311	13,526	13,813
Bosque	1,382	3,325	4,539	4,780	4,907	5,012	5,126	5,244	5,326	5,453
Bowie	1,044	11,054	19,006	21,585	24,067	25,846	27,346	28,068	28,195	29,188
Brazoria	3,799	8,051	10,728	11,302	11,755	11,905	12,192	12,397	12,405	12,536
Brazos	11,311	17,635	19,460	20,105	20,599	20,974	21,702	22,491	22,814	23,609
Burleson	14,006	22,731	25,349	25,943	26,426	26,762	27,431	28,291	28,516	29,336
Burnet	1,343	2,160	2,406	2,459	2,477	2,486	2,512	2,538	2,551	2,562
Caldwell	15,560	23,248	25,119	26,342	27,098	27,736	27,878	27,999	30,262	31,318
Camp	300	3,176	5,286	5,786	6,205	6,466	6,815	7,247	7,363	7,590
Cass	685	8,449	13,673	15,645	17,577	18,851	20,239	21,350	21,938	22,633
Cherokee	3,085	13,552	17,894	19,106	20,583	21,463	22,383	23,198	23,466	23,882
Clay	735	2,958	4,874	5,060	5,222	5,363	5,525	5,680	5,763	5,908
Collin	13,960	41,176	59,438	61,245	62,962	63,749	66,140	66,830	67,154	69,116
Collingsworth	(1)	443	2,242	2,678	3,440	3,963	4,767	5,086	5,469	7,016
Colorado	10,531	15,630	17,338	17,551	17,798	18,812	19,162	20,150	20,452	20,941
Comal	2,429	3,546	3,837	3,927	3,962	4,069	4,228	4,358	4,391	4,472
Cooke	2,228	6,530	12,232	12,232	13,649	14,054	14,592	14,773	14,981	15,100
Coryell	1,966	4,514	5,728	5,937	6,004	6,129	6,229	6,291	6,314	6,523
Crosby	.....	92	1,187	1,827	2,683	3,022	3,308	3,446	3,477	4,195
Dallas	11,362	32,241	44,525	45,776	46,993	47,658	48,888	49,331	49,694	51,016
De Witt	20,292	33,970	38,656	39,812	41,178	42,080	42,901	43,791	44,117	44,563
Delta	3,171	12,840	21,851	22,771	23,577	23,941	24,700	24,971	25,061	25,830
Denton	4,403	12,214	17,128	17,584	18,065	18,511	19,224	19,473	19,687	19,921
Dickens	.....	202	898	1,247	1,767	2,026	2,173	2,402	2,610	3,178
Donley	.....	(1)	293	431	802	1,062	1,415	1,508	1,625	2,868
Duval	3,132	4,452	4,871	5,241	5,429	5,814	6,156	6,274	6,404	6,670
Eastland	202	1,510	2,660	2,869	3,115	3,329	3,725	3,987	4,301	4,541
Ellis	21,584	54,809	78,476	80,348	82,826	83,809	86,220	86,709	87,254	91,258
Erath	326	1,371	2,174	2,385	2,548	2,650	2,803	3,066	3,145	3,262
Falls	16,699	22,688	24,371	24,513	24,797	25,111	26,146	26,600	26,898	27,663
Fannin	8,315	29,030	48,496	51,098	53,356	53,970	56,612	57,468	57,844	59,166
Fayette	18,497	22,911	24,086	24,490	24,935	25,277	26,309	27,193	27,386	28,449
Fisher	22	328	1,031	1,233	1,515	1,694	1,937	2,029	2,139	2,403
Fort Bend	18,952	40,818	50,204	51,687	53,569	54,634	55,879	56,701	56,936	57,462
Franklin	305	2,931	4,806	5,229	5,631	5,844	6,139	6,342	6,395	6,514
Freestone	2,898	9,501	13,408	14,367	15,482	16,077	16,966	17,649	17,839	18,265
Frio	2,412	3,839	4,575	4,821	5,126	5,544	5,856	6,251	6,574	7,248
Goliad	6,059	9,314	10,847	11,373	11,786	12,289	12,516	12,883	12,922	13,070
Gonzales	18,443	25,189	27,164	27,734	28,436	29,148	29,680	30,935	31,460	32,153
Grayson	7,858	21,130	33,947	35,585	36,824	37,530	38,886	39,425	40,032	40,675
Gregg	1,082	4,671	6,389	6,810	7,080	7,572	7,926	8,645	9,008	9,589
Grimes	12,100	20,794	22,950	23,981	24,388	24,775	25,560	26,244	26,830	27,364
Guadalupe	10,225	12,711	13,636	13,830	14,159	14,376	15,001	15,252	15,574	15,985
Hall	6	198	1,677	2,124	3,266	4,192	5,307	5,711	6,354	10,318
Hamilton	1,035	2,502	3,229	3,353	3,442	3,445	3,487	3,565	3,575	3,628
Hardeman	68	608	1,488	1,702	2,174	2,624	3,425	3,660	3,932	5,355
Harris	2,166	4,630	6,253	6,429	6,667	6,889	7,066	7,215	7,250	7,455
Harrison	982	7,622	11,343	12,422	13,565	14,373	15,430	17,078	17,604	18,297
Hays	8,024	11,912	12,764	12,929	13,126	13,356	13,645	13,861	14,142	14,411
Hill	8,855	24,529	38,185	40,207	42,312	43,303	45,921	46,589	47,385	50,294
Hood	217	895	1,332	1,421	1,466	1,524	1,571	1,611	1,682	1,802
Hopkins	2,551	14,068	19,863	22,754	23,933	24,312	24,973	25,135	25,289	26,149

[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 54.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1918—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
TEXAS—Continued.										
Houston	8,211	18,470	22,513	23,332	24,232	25,034	26,103	27,423	27,971	29,096
Hunt	8,592	33,176	51,741	53,692	54,799	55,539	56,704	57,397	57,590	58,882
Jack	321	1,096	1,504	1,552	1,599	1,623	1,681	1,692	1,711	1,750
Jackson	9,790	15,283	17,326	17,564	17,960	18,176	18,332	18,412	18,428	18,514
Jim Wells	2,568	4,079	4,564	4,682	4,858	4,903	5,017	5,184	5,254	5,365
Johnson	5,238	14,341	21,185	22,043	23,089	23,598	24,987	25,514	26,004	27,205
Jones	783	3,465	5,775	6,709	7,249	7,424	7,641	7,755	8,108	8,841
Karnes	12,674	18,112	20,963	21,983	23,215	24,033	24,860	25,407	25,836	27,037
Kaufman	12,675	36,494	48,632	51,284	51,567	52,852	54,234	54,812	55,006	56,382
Knox	27	415	1,165	1,374	1,743	1,948	2,421	2,595	2,905	3,146
Lamar	4,811	25,527	44,410	47,425	50,139	51,590	54,068	54,866	55,013	56,353
Lavaca	21,108	29,146	30,956	31,537	32,097	32,337	33,067	33,757	34,115	34,837
Lee	5,573	8,887	10,047	10,348	10,734	10,965	11,308	11,776	12,088	12,646
Leon	4,232	9,783	12,195	12,722	13,243	13,782	14,513	15,275	15,544	16,427
Limestone	12,611	26,626	33,813	35,262	36,478	37,100	37,865	38,547	38,842	39,839
Live Oak	1,299	1,559	1,686	1,705	1,739	1,818	1,844	1,888	1,888	1,932
Lubbock	.....	(1)	571	965	1,442	1,614	1,942	2,075	2,087	2,464
McLennan	14,196	27,656	35,042	36,440	37,548	38,246	39,823	40,784	41,620	43,638
Madison	4,064	7,429	8,648	8,834	8,985	9,105	9,365	9,733	9,847	10,140
Marion	110	1,321	2,409	2,705	2,956	3,220	3,552	3,878	4,036	4,223
Medina	1,995	3,194	3,614	3,885	4,058	4,258	4,423	4,675	4,884	5,146
Milam	23,417	32,967	35,360	35,757	36,535	37,202	38,771	40,078	40,519	41,406
Montague	1,270	5,544	9,954	10,514	10,929	11,367	11,852	12,168	12,375	12,505
Montgomery	4,158	8,400	10,690	11,162	11,666	11,907	12,159	12,352	12,416	12,530
Morris	413	3,320	5,324	5,865	6,402	6,812	7,180	7,747	7,945	8,255
Nacogdoches	2,646	10,631	14,894	16,212	17,320	18,080	18,882	19,595	19,966	20,345
Navarro	15,872	37,088	49,548	51,858	53,303	54,002	55,707	56,208	56,798	59,093
Nueces	11,397	25,151	32,216	34,786	36,619	37,510	38,087	38,712	38,919	39,472
Palo Pinto	188	971	1,355	1,429	1,446	1,493	1,553	1,581	1,596	1,662
Panola	1,252	7,356	10,584	11,811	12,615	13,178	13,929	14,812	15,267	16,196
Parker	824	2,759	3,692	4,083	4,205	4,299	4,433	4,473	4,572	4,623
Polk	2,918	7,649	10,398	11,127	11,724	12,036	12,406	12,741	12,818	13,135
Rains	542	2,534	3,651	3,832	4,017	4,101	4,190	4,348	4,396	4,493
Red River	1,338	13,312	25,428	28,575	31,871	34,066	36,818	37,567	37,810	38,737
Robertson	15,312	24,293	28,080	28,489	28,937	29,596	30,853	32,147	32,710	33,713
Rockwall	3,038	12,899	18,671	19,168	19,758	19,976	20,616	20,757	20,905	21,490
Runnels	152	736	1,425	1,591	1,806	1,957	2,162	2,300	2,528	2,638
Rusk	2,518	13,627	19,076	21,487	23,239	24,879	25,710	27,488	28,150	29,071
San Augustine	947	4,166	6,117	6,582	7,089	7,532	8,274	8,454	8,555	8,711
San Jacinto	1,128	3,621	5,881	6,411	7,198	7,440	8,070	8,334	8,403	8,637
San Saba	723	2,325	2,998	3,209	3,472	3,582	3,769	3,873	3,960	3,999
Shelby	2,024	10,187	14,395	16,023	17,106	17,582	18,247	18,970	19,190	19,724
Smith	3,074	15,331	22,303	24,160	25,970	27,081	28,188	29,552	29,906	30,374
Somervell	75	281	422	454	478	497	526	569	588	616
Tarrant	2,935	10,288	14,988	15,475	16,042	16,517	17,251	17,730	17,966	18,646
Taylor	393	1,263	1,934	2,100	2,304	2,371	2,414	2,547	2,594	2,678
Titus	584	4,958	7,270	8,406	9,071	9,499	10,138	10,502	10,754	11,090
Travis	18,983	25,102	26,148	26,382	26,727	27,266	27,948	28,584	28,868	29,380
Trinity	1,532	4,023	5,435	5,804	6,063	6,215	6,433	6,490	6,646	6,932
Upshur	448	7,813	11,694	12,587	13,370	13,946	14,620	15,832	16,156	17,307
Van Zandt	2,437	14,289	21,366	22,723	23,663	24,396	25,051	25,294	25,412	26,232
Victoria	11,150	19,651	22,017	22,242	22,876	23,398	23,628	23,871	24,011	24,153
Walker	3,734	8,827	11,143	11,765	12,575	12,785	13,346	13,582	13,739	14,364
Waller	5,995	10,101	11,255	11,392	11,570	11,709	11,832	12,179	12,208	12,265
Washington	19,302	23,614	26,544	27,382	27,951	28,331	29,565	30,573	31,364	31,943
Wharton	19,419	36,571	44,674	45,962	47,443	48,087	48,677	49,278	49,444	49,882
Wichita	(1)	713	1,464	1,590	1,686	1,776	1,893	1,930	1,939	2,017
Wilbarger	323	1,587	3,408	3,910	4,565	5,320	6,839	7,064	8,064	9,456
Williamson	30,225	40,166	42,282	42,710	43,349	44,437	45,902	46,999	47,690	49,215
Wilson	8,753	11,832	13,318	13,783	14,194	14,621	14,912	15,407	15,587	15,782
Wise	937	4,100	6,010	6,211	6,428	6,564	6,792	7,066	7,126	7,288
Wood	1,684	10,526	15,734	17,817	18,871	19,569	20,127	20,529	20,999	21,724
Young	877	2,588	3,821	3,962	5,052	4,192	4,369	4,463	4,530	4,631
All other	42,243	74,355	102,836	117,465	128,076	137,461	147,617	152,901	156,934	172,261

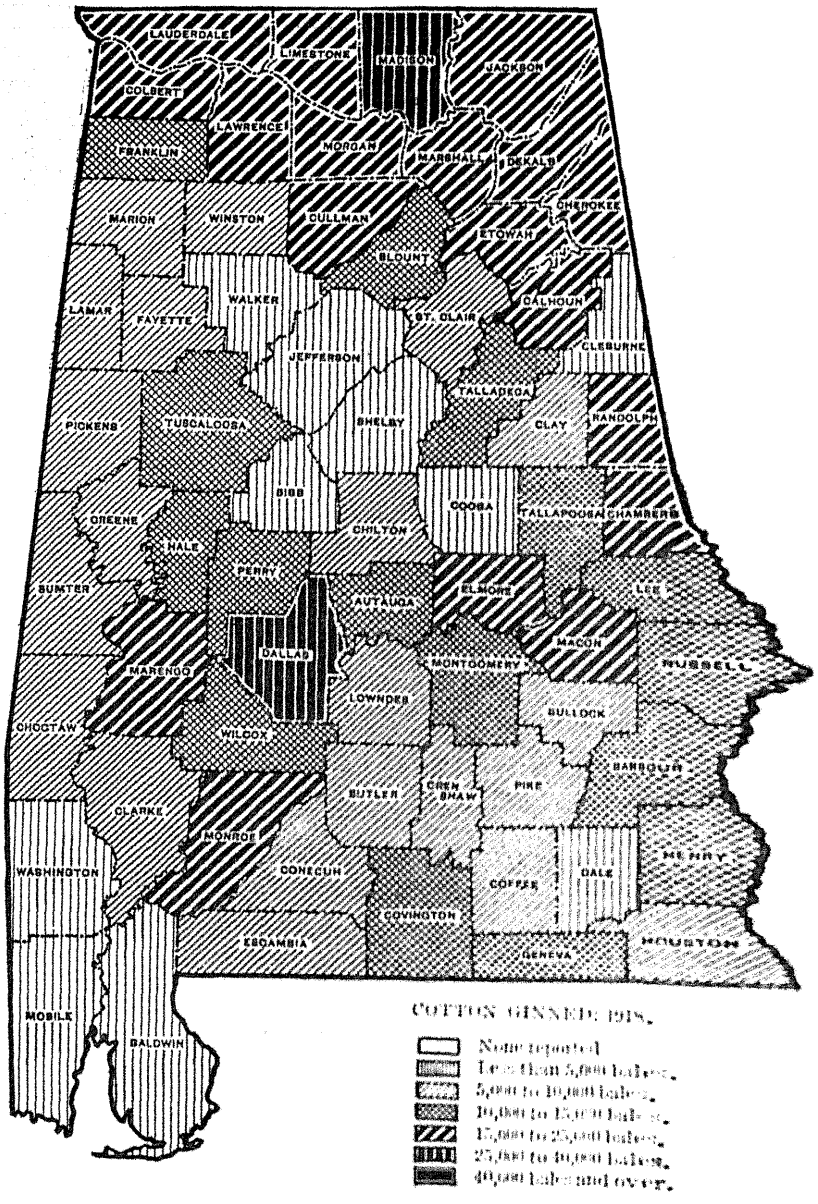
[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 54.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1918—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
VIRGINIA.										
The state	.....	28	2,659	6,391	10,468	15,112	18,297	20,171	21,180	25,235
Brunswick	.....	10	414	951	1,582	2,182	2,424	2,598	2,658	2,985
Greensville	.....	18	665	1,380	2,157	3,042	3,498	3,738	3,846	4,298
Nansemond	.....	.....	629	1,278	1,946	2,834	3,304	3,756	4,069	4,690
Southampton	.....	.....	792	2,250	3,160	4,521	5,803	6,432	6,780	8,313
All other	.....	.....	159	532	1,623	2,533	3,268	3,647	3,827	4,749

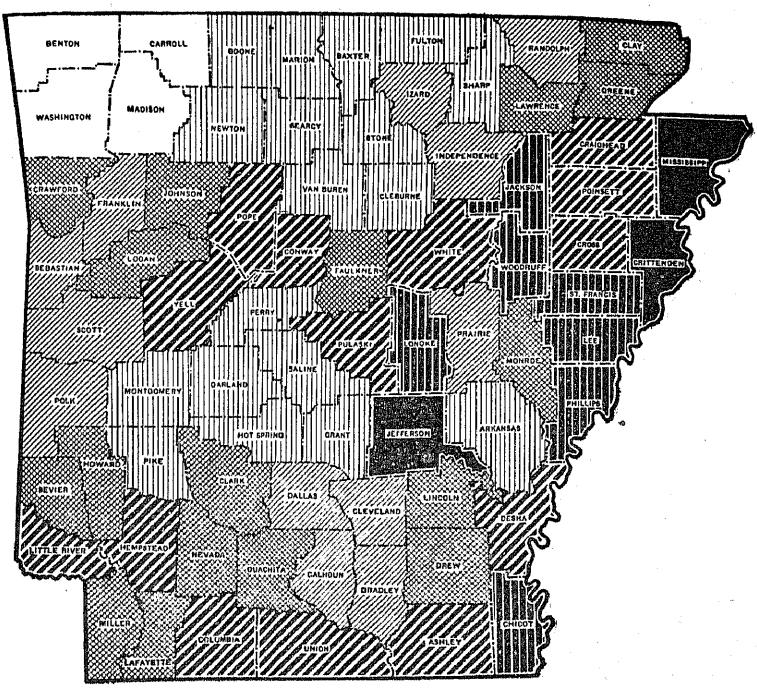
ALABAMA.

[See table on p. 99.]



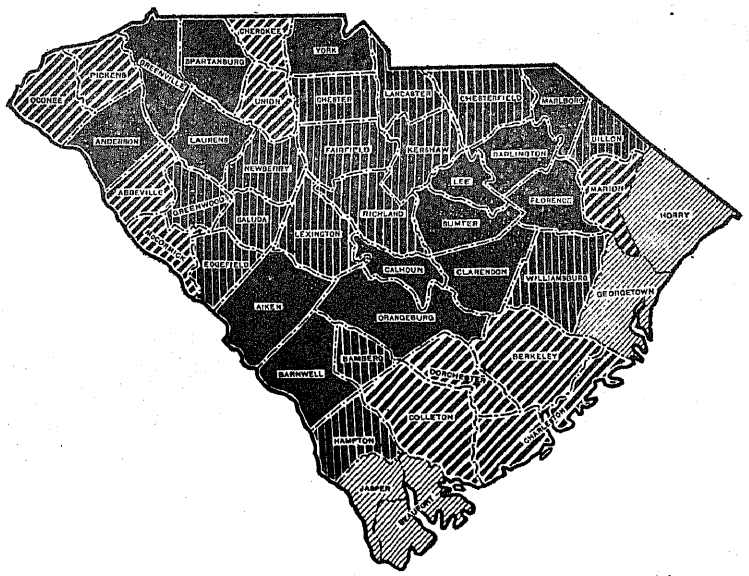
ARKANSAS.

[See table on p. 100.]



SOUTH CAROLINA.

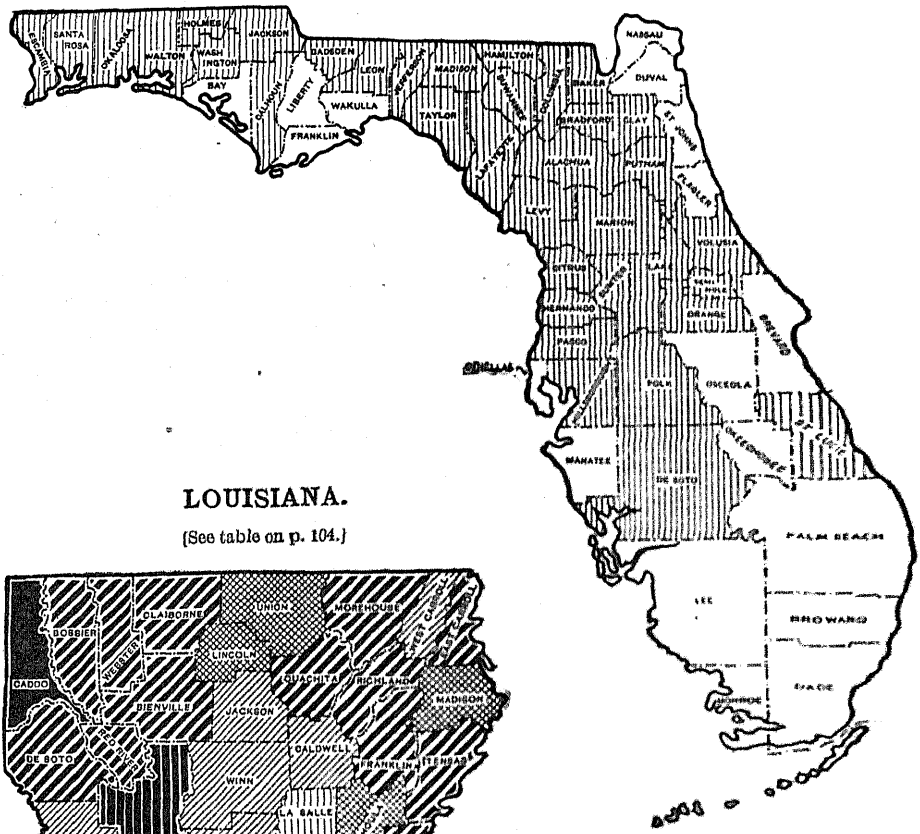
[See table on p. 109.]



(For the meaning of the shading on these maps, see legend on p. 128.)

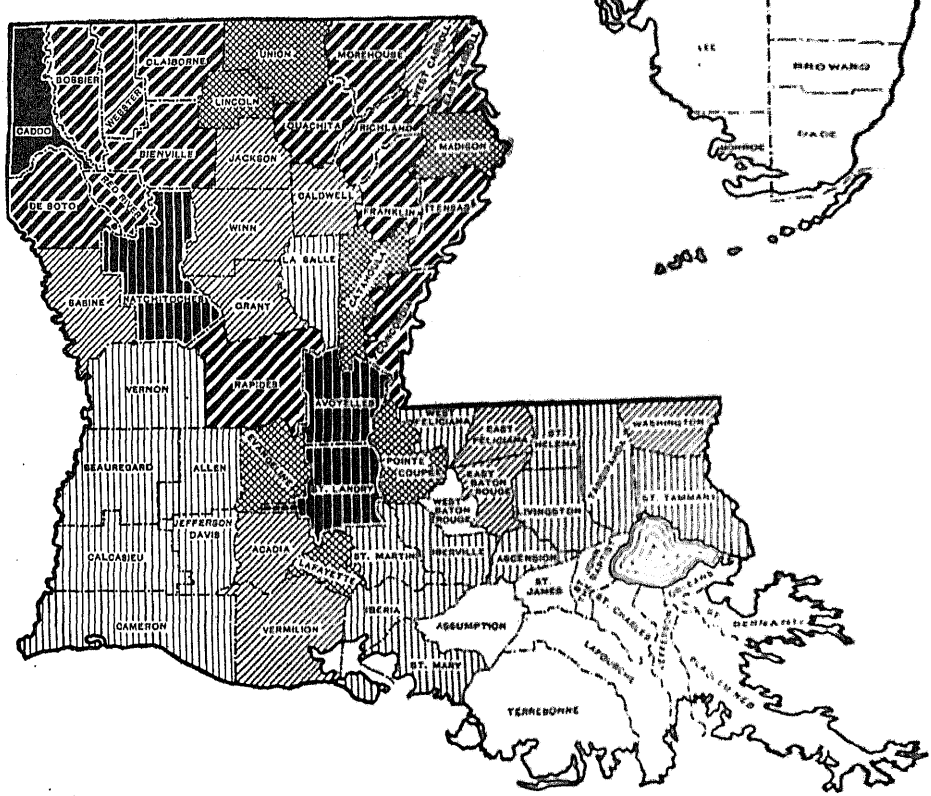
FLORIDA.

[See table on p. 101.]



LOUISIANA.

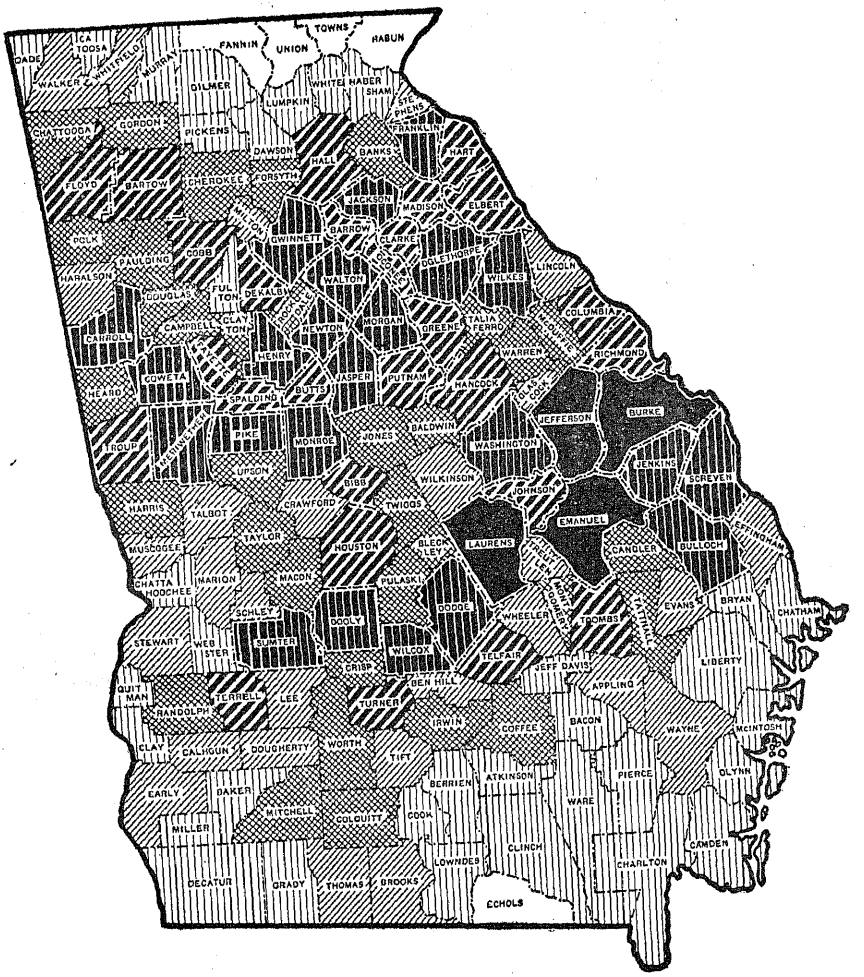
[See table on p. 104.]



(For the meaning of the shading on these maps, see legend on p. 128.)

GEORGIA.

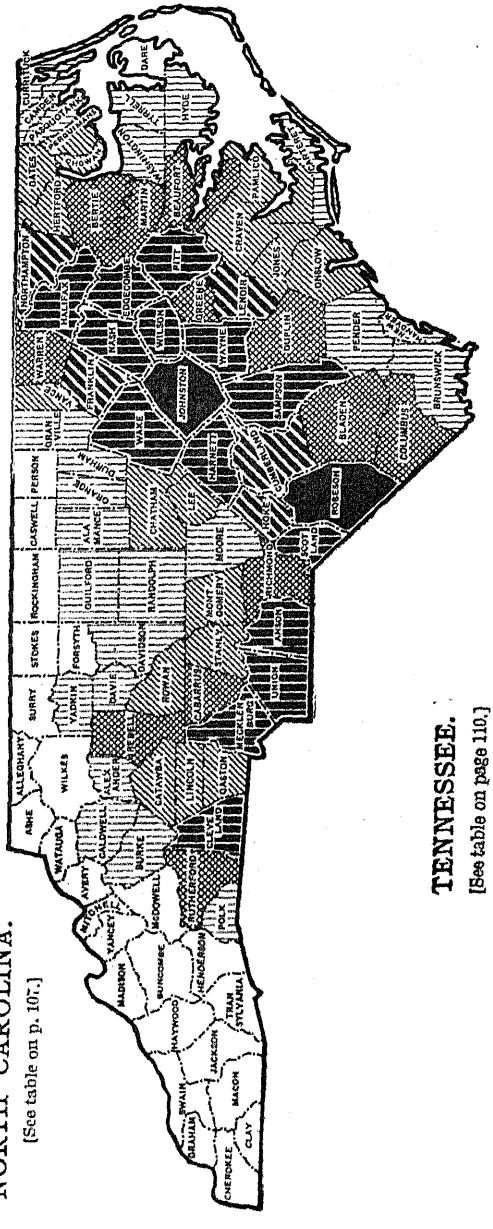
[See table on p. 102.]



(For the meaning of the shading on this map, see legend on p. 128.)

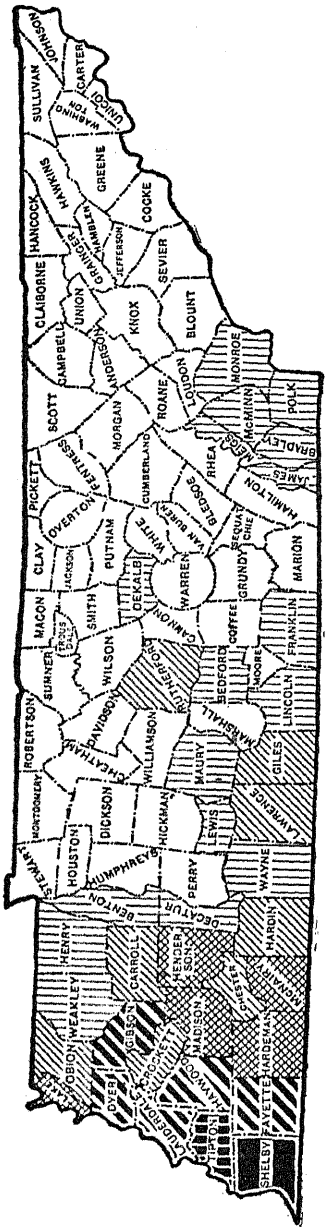
NORTH CAROLINA.

[See table on p. 107.]

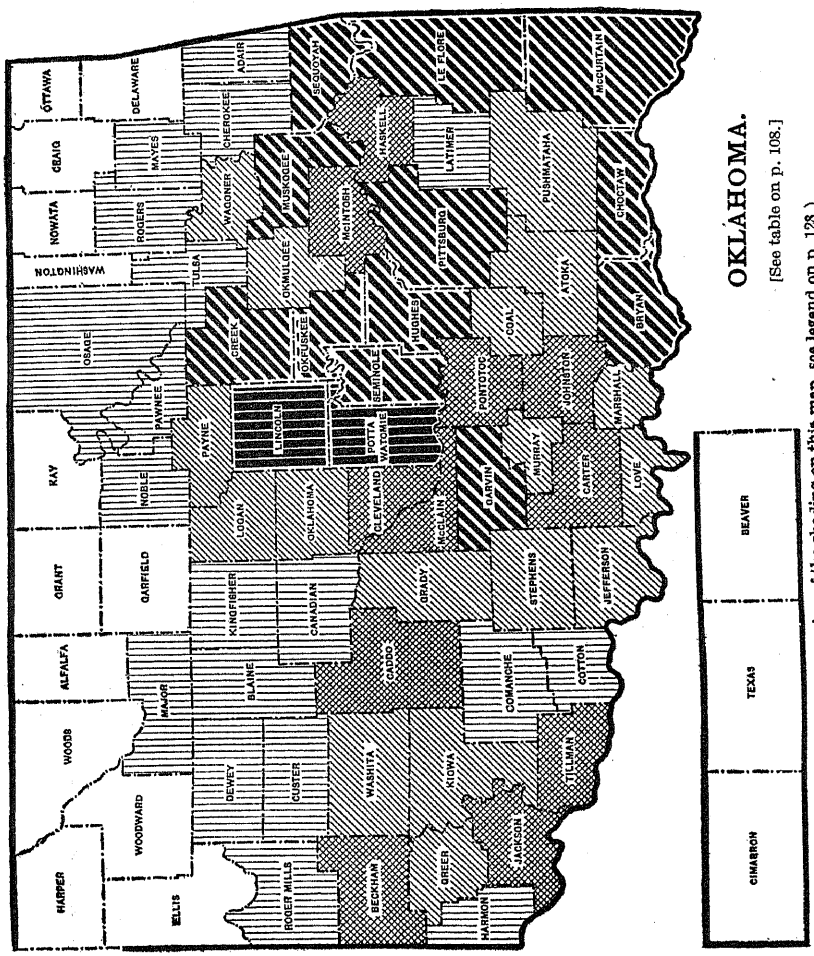


TENNESSEE.

[See table on page 110.]



(For the meaning of the shading on these maps, see legend on p. 123.)



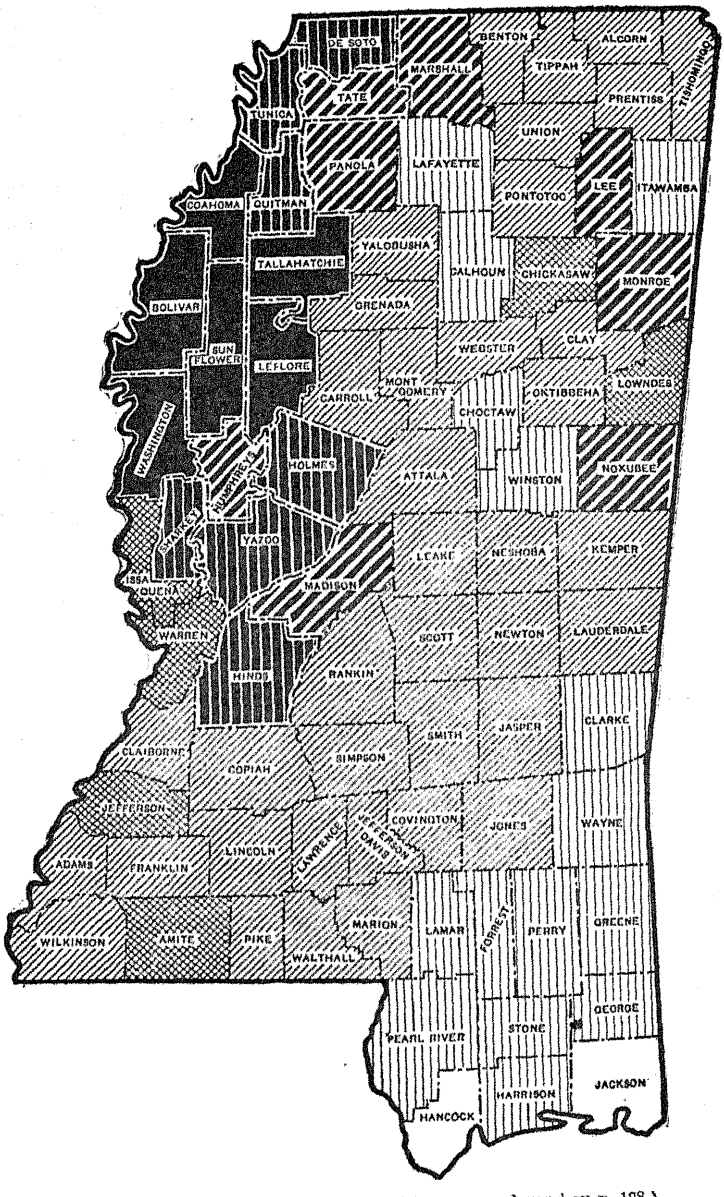
OKLAHOMA.

[See table on p. 108.]

(For the meaning of the shading on this map, see legend on p. 128.)

MISSISSIPPI.

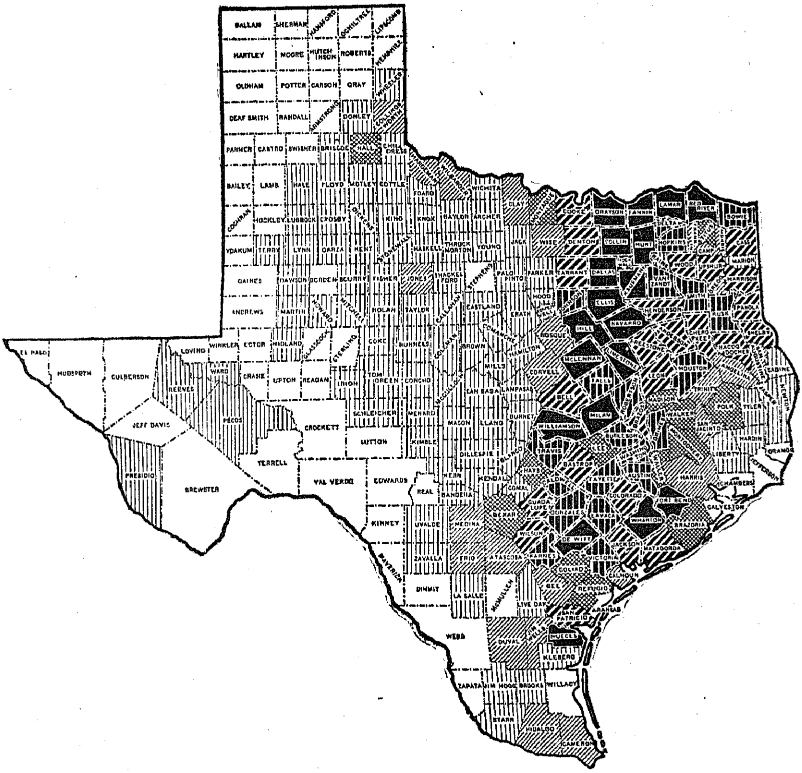
[See table on p. 105.]



(For the meaning of the shading on this map, see legend on p. 128.)

TEXAS.

[See table on p. 111.]



(For the meaning of the shading on this map, see legend on p. 128.)

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