DEPARTMENT OF COMMERCE AND LABOR

BUREAU OF THE CENSUS

S. N. D. NORTH, DIRECTOR

BULLETIN 100

COTTON PRODUCTION

1908

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BULLETINS OF THE PERMANENT CENSUS.

1. Geographical distribution of population.
2. Cotton ginned in the United States, 1899 to 1902.
*3. Street and electric railways.
4. A discussion of increase of population.
*5. Central electric light and power stations.
6. Mineral industries of Porto Rico.
7. Estimates of population of the larger cities: 1901, 1902, 1903.
8. Negroes in the United States.
9. Mines and quarries.
*10. Cotton ginned in the United States, 1899 to 1903.
11. Municipal electric fire alarm and police patrol systems.
12. The executive civil service of the United States.
13. A discussion of age statistics.
14. Proportion of the sexes in the United States.
15. A discussion of the vital statistics of the Twelfth Census.
16. Irrigation in the United States: 1902.
17. Telephones and telegraphs: 1902.
18. Manufactures: 1904. Michigan.
*19. Cotton ginned in the United States, 1900 to 1904.
20. Statistics of cities, population of over 25,000: 1902 and 1903.
21. Commercial valuation of railway operating property: 1904.
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LETTER OF TRANSMITTAL.

DEPARTMENT OF COMMERCE AND LABOR,
BUREAU OF THE CENSUS,
Washington, D. C., May 25, 1909.

SIR:

I have the honor to transmit herewith a report on the production of cotton in 1908, prepared in this Bureau under the supervision of Mr. William M. Steuart, chief statistician for manufactures, assisted by Mr. Daniel C. Roper, expert chief of division.

The report is presented in five divisions: (1) Annual cotton production in the United States, as returned by ginners and delinters, distributed by states and counties from 1904 to 1908, with statistics of the production for previous years; (2) world's cotton production in 1907 and 1908, by countries; (3) stocks of cotton in the United States at the close of February, 1909; (4) the relation of the Government to the cotton industry; and (5) the commercial and industrial importance of American cotton.

During the season of 1908–9, as in previous seasons, ten preliminary statements of cotton ginned to specified dates have been issued. The present report aggregates the figures included in the preliminary statements, and covers the tenth consecutive year for which statistics of cotton ginned have been collected and published by this Bureau.

As a complement to the report on production, the Bureau publishes in the fall an annual report on the supply and distribution of cotton for the year ending August 31. A joint resolution of Congress, approved March 2, 1909, provides for three additional reports each season to show the stocks of cotton held November 1, January 1, and March 1; the first report under this resolution, showing stocks for the close of February, was published March 22, and constitutes the third division of this bulletin.

Very respectfully,

S. N. D. North

Director.

Hon. CHARLES NAGEL,
Secretary of Commerce and Labor.

COTTON PRODUCTION IN THE UNITED STATES.

By Daniel C. Roper.

Summary—crops of 1899 to 1908.

Growth year.	Crop (including linters).		Running bales.				
	Counting round as half bales (number).	Equivalent 500-pound bales (number).	Total (number).	Upland.		Sea-island (number).	Linters (number).
				Square bales (number).	Round bales (number).		
1908	13,432,131	13,587,306	13,553,283	12,870,994	242,305	93,858	346,126
1907	11,325,882	11,375,461	11,425,156	10,871,652	198,549	86,895	268,060
1906	13,305,265	13,595,498	13,439,374	12,791,541	268,219	57,550	322,064
1905	10,725,602	10,804,556	10,865,520	10,242,648	279,836	112,539	230,497
1904	13,697,310	13,679,954	13,845,385	13,198,944	296,151	104,317	245,973
1903	10,015,721	10,045,615	10,400,825	9,359,472	770,208	75,393	195,752
1902	10,784,473	10,827,168	11,275,105	9,992,665	981,264	104,953	196,223
1901	9,748,546	9,675,771	10,120,971	9,132,215	744,851	77,879	166,026
1900	10,245,602	10,266,527	10,629,648	9,629,762	768,092	88,294	143,500
1899	9,507,786	9,459,935	9,760,518	9,043,231	505,464	97,279	114,544

Table 1 shows the quantity of cotton grown in the years 1904 to 1908, inclusive, as ascertained from the reports of ginners and delinters; the per cent of the total crop represented by the crop of each state; and the rank of each state in the quantity produced.

Table 1.—COMPARATIVE SUMMARY—PRODUCTION OF COTTON, BY STATES, WITH PER CENT OF THE TOTAL CROP REPORTED FROM EACH STATE, AND RANK OF EACH STATE IN THE QUANTITY PRODUCED: 1904 TO 1908.

State.	Growth year.	Production.								Per cent of total ginned.[1]	Rank in production.
		Running bales, counting round as half bales and including linters (number).	Equivalent 500-pound bales.		Running bales.						
			Including linters (number).	Excluding linters (number).	Total (number).	Upland.		Sea-island (number).	Linters (number).		
						Square (number).	Round (number).				
United States	1908	13,432,131	13,587,306	13,241,799	13,553,283	12,870,994	242,305	93,858	346,126	100.0	.....
	1907	11,325,882	11,375,461	11,107,179	11,425,156	10,871,652	198,549	86,895	268,060	100.0	.....
	1906	13,305,265	13,595,498	13,273,809	13,439,374	12,791,541	268,219	57,550	322,064	100.0	.....
	1905	10,725,602	10,804,556	10,575,017	10,865,520	10,242,648	279,836	112,539	230,497	100.0	.....
	1904	13,697,310	13,679,954	13,438,012	13,845,385	13,198,944	296,151	104,317	245,973	100.0	.....
Alabama	1908	1,360,601	1,374,140	1,345,713	1,369,841	1,322,762	18,481	.....	28,598	10.1	4
	1907	1,133,285	1,132,966	1,112,698	1,142,212	1,104,166	17,854	.....	20,192	10.0	5
	1906	1,263,674	1,284,421	1,261,522	1,275,908	1,228,899	24,468	.....	22,541	9.4	4
	1905	1,249,685	1,260,314	1,238,574	1,264,011	1,213,674	28,652	.....	21,685	11.7	3
	1904	1,471,170	1,467,469	1,448,157	1,481,798	1,440,734	21,256	.....	19,808	10.8	4
Arkansas	1908	1,020,704	1,058,089	1,032,920	1,027,714	989,084	14,019	.....	24,611	7.8	6
	1907	770,214	793,415	774,721	773,461	748,603	6,495	.....	18,363	7.0	7
	1906	916,106	963,790	941,177	920,903	889,471	9,594	.....	21,838	7.1	6
	1905	615,337	635,885	619,117	615,694	598,557	715	.....	16,422	5.9	7
	1904	916,945	946,372	930,665	917,594	900,573	1,299	.....	15,722	6.9	7

[1] Percentages calculated on basis of equivalent 500-pound bales, including linters.

TABLE 1.—COMPARATIVE SUMMARY—PRODUCTION OF COTTON, BY STATES, WITH PER CENT OF THE TOTAL CROP REPORTED FROM EACH STATE, AND RANK OF EACH STATE IN THE QUANTITY PRODUCED: 1904 TO 1908—Cont'd.

STATE.	Growth year.	PRODUCTION.								Per cent of total ginned.[1]	Rank in production.
		Running bales, counting round as half bales and including linters (number).	Equivalent 500-pound bales.		Running bales.						
			Including linters (number).	Excluding linters (number).	Total (number).	Upland.		Sea-island (number).	Linters (number).		
						Square (number).	Round (number).				
Florida	1908	71,923	63,221	62,089	71,923	35,823	.....	34,775	1,325	0.5	11
	1907	57,736	50,711	49,794	57,736	27,733	.....	28,935	1,068	0.4	11
	1906	62,830	57,135	55,945	62,830	37,478	.....	23,995	1,357	0.4	11
	1905	80,180	69,946	68,797	80,180	37,307	.....	41,531	1,342	0.6	11
	1904	89,002	80,551	79,171	89,002	47,906	.....	39,619	1,477	0.6	11
Georgia	1908	2,026,999	1,980,077	1,931,179	2,027,144	1,932,356	290	44,549	49,949	14.6	2
	1907	1,901,576	1,855,789	1,815,834	1,903,016	1,814,170	2,880	44,713	41,253	16.3	2
	1906	1,667,866	1,626,330	1,592,572	1,670,448	1,604,637	5,164	25,484	35,163	12.0	2
	1905	1,759,083	1,715,080	1,682,555	1,763,283	1,662,762	8,399	58,311	33,811	15.9	2
	1904	1,992,757	1,916,682	1,887,853	1,998,127	1,904,408	10,740	53,112	29,867	14.0	2
Louisiana	1908	481,979	486,350	470,136	493,467	455,055	22,976	.....	15,436	3.6	9
	1907	679,782	694,066	675,428	699,119	642,696	38,673	.....	17,750	6.1	8
	1906	979,270	1,012,573	987,779	1,001,353	933,390	44,166	.....	23,797	7.4	5
	1905	523,871	526,321	513,480	535,154	500,456	22,565	.....	12,133	4.9	9
	1904	1,107,271	1,113,589	1,089,526	1,132,709	1,058,246	50,875	.....	23,588	8.1	6
Mississippi	1908	1,668,461	1,704,972	1,655,945	1,668,556	1,620,229	191	.....	48,136	12.5	3
	1907	1,478,689	1,504,303	1,468,177	1,481,986	1,439,584	6,594	.....	35,808	13.2	3
	1906	1,521,491	1,569,530	1,530,748	1,522,535	1,482,363	2,089	.....	38,083	11.5	3
	1905	1,198,568	1,229,845	1,198,572	1,198,568	1,168,059	.....	.....	30,509	11.4	4
	1904	1,808,617	1,833,245	1,798,917	1,808,942	1,774,139	650	.....	34,153	13.4	3
North Carolina	1908	701,356	663,167	646,958	701,356	683,628	.....	.....	17,728	4.9	8
	1907	652,930	619,650	605,310	652,930	637,961	.....	.....	14,969	5.5	9
	1906	626,642	594,387	579,326	626,642	611,258	.....	.....	15,384	4.4	9
	1905	664,934	630,478	619,141	664,934	652,815	.....	.....	12,119	5.8	8
	1904	758,846	712,218	703,760	758,846	749,712	.....	.....	9,134	5.2	9
Oklahoma	1908	705,200	706,815	690,752	728,779	665,767	47,157	.....	15,855	5.2	7
	1907	870,238	882,984	862,383	891,850	827,364	43,225	.....	21,261	7.8	6
	1906	893,062	918,375	897,826	912,789	852,234	39,454	.....	21,101	6.8	7
	1905	675,562	692,433	677,106	701,717	633,871	52,311	.....	15,535	6.4	6
	1904	811,552	818,880	804,318	838,199	769,736	53,293	.....	15,170	6.0	8
South Carolina	1908	1,242,012	1,195,235	1,170,608	1,242,012	1,201,314	.....	14,534	26,164	8.8	5
	1907	1,186,672	1,142,244	1,119,220	1,186,672	1,150,318	.....	13,247	23,107	10.0	4
	1906	931,726	895,130	876,181	931,726	904,531	.....	8,071	19,124	6.6	8
	1905	1,129,426	1,094,600	1,078,047	1,129,426	1,099,666	.....	12,697	17,063	10.1	5
	1904	1,208,180	1,165,839	1,151,170	1,208,179	1,181,339	.....	11,586	15,254	8.6	5
Tennessee	1908	349,525	359,859	344,485	349,725	333,884	400	.....	15,441	2.6	10
	1907	277,114	286,301	275,235	277,445	266,103	661	.....	10,681	2.5	10
	1906	304,054	317,641	306,037	304,054	293,023	.....	.....	11,031	2.3	10
	1905	278,364	288,437	278,637	278,364	269,030	.....	.....	9,334	2.7	10
	1904	329,627	338,961	329,319	330,316	319,628	1,378	.....	9,310	2.5	10
Texas	1908	3,724,575	3,913,084	3,814,485	3,793,518	3,558,407	137,886	.....	97,225	28.8	1
	1907	2,267,293	2,360,478	2,300,179	2,308,376	2,166,937	82,167	.....	59,272	20.8	1
	1906	4,066,472	4,281,824	4,174,206	4,138,114	3,885,977	143,284	.....	108,853	31.5	1
	1905	2,490,128	2,598,949	2,541,932	2,573,725	2,349,121	167,194	.....	57,410	24.1	1
	1904	3,132,503	3,214,133	3,145,372	3,210,833	2,983,873	156,660	.....	70,300	23.4	1
All other states [2]	1908	78,796	82,297	76,529	79,248	72,685	905	.....	5,658	0.6	.....
	1907	50,353	52,554	48,200	50,353	46,017	.....	.....	4,336	0.5	.....
	1906	72,072	74,362	70,490	72,072	68,280	.....	.....	3,792	0.5	.....
	1905	60,464	62,268	59,059	60,464	57,330	.....	.....	3,134	0.6	.....
	1904	70,840	72,015	69,784	70,840	68,650	.....	.....	2,190	0.5	.....

[1] Percentages calculated on basis of equivalent 500-pound bales, including linters.
[2] Includes Arizona, Kansas, Kentucky, Missouri, New Mexico, and Virginia, and linter production of Illinois.

Where bales are mentioned in the comparative statements of this report without the standard of weight being given, it will be understood that the equivalent 500-pound bale is referred to and that linters are included. Because of the fact that cottonseed-oil mills frequently attract seed from very extensive areas, it is impracticable to credit the linter product to the locality where it was grown; linter cotton is therefore not included in Table 15, where the quantity of cotton ginned is distributed by counties, although its distribution by states is shown in Table 1. Crop figures for earlier years will be found in Tables 12 and 13.

Production in 1908.—The figures as finally compiled for the crop of 1908, including linters, and counting round as half bales, are 13,432,131 bales, compared with 11,325,882 bales for 1907; 13,305,265 bales for 1906; 10,725,602 bales for 1905; and 13,697,310 bales for 1904. Expressed in 500-pound bales, these crops amounted to 13,587,306 bales in 1908; 11,375,461 bales in 1907; 13,595,498 bales in 1906; 10,804,556 bales in 1905; and 13,679,954 bales in 1904. The crop grown in 1908 is 2,211,845 bales, or 19.4 per cent greater than that of 1907, and is the third largest ever produced, being 92,648 bales less than that of 1904, the largest, and only 8,192 bales less than that of 1906, the next largest.

The average production of cotton in the United States for the last five years was 12,608,555 bales, or 978,751 less than the crop of 1908. Of the total pro-

duction in 1908, the territory west of the Mississippi river contributed 6,232,128 bales, or 45.9 per cent, while the states east of the Mississippi returned 7,355,178 bales, or 54.1 per cent. In 1907 the states west produced 42 per cent of the crop and those east 58 per cent, but in 1906 the West reported 53.2 per cent and the East 46.8 per cent. The smallest aggregate production by states east during the last five years was 6,306,882 bales in 1905 and the largest, 7,534,123 bales in 1904.

The production for Texas in 1908 is the second largest recorded for that state, being exceeded only by that of 1906 by 368,740 bales. This state showed a falling off in 1907 of 44.9 per cent as compared with that of 1906, but increased its crop in 1908 by 65.8 per cent over 1907. Texas produced last year 28.8 per cent of the total for the country, 20.8 per cent in 1907, and 31.5 per cent in 1906.

Next to Texas in increases in production come Arkansas, with 33.4 per cent; Alabama, with 21.3 per cent; and Mississippi, with 13.3 per cent. Louisiana has again sustained a great loss, reporting this year but 70.1 per cent of the quantity returned in 1907 and less than one-half of that of 1906. Oklahoma also shows a loss, as the crop of 1908 is but 80 per cent of that for 1907 and 77 per cent of that for 1906. Cotton ginning, however, is now very generally returned from this state, and all but eight of the counties are represented in the crop statistics of this year.

Especially favorable conditions existed in Georgia and in South Carolina the last two years, and each of these states produced more cotton than in the year previous. The production for Georgia in 1908 exceeded that of 1907 by 124,288 bales, while the production for South Carolina in 1908 exceeded that in 1907 by 52,991 bales. For both these states the crop of 1908 was the largest on record. Georgia ranks second in the quantity produced, Mississippi third, Alabama fourth, and South Carolina fifth. It is interesting to note that the production for Georgia represented practically the same portion of the total for the country in 1908 as in 1869. The proportions were 14.6 per cent in 1908 and 15.7 per cent in 1869, although the crop for the country had increased in this time from 2,409,597 bales to 13,587,306.

Estimates of unginned cotton.—In the final canvass of the ginneries this season, made between the 1st and 10th of March, careful estimates of cotton remaining to be ginned were obtained, and these estimates, amounting to 54,511 bales of lint and 38,767 bales of linters, or a total of 93,278 running bales, are included in the statistics for 1908. The distribution of these estimates is as follows: Alabama, 3,337 bales; Arkansas, 11,348; Florida, 149; Georgia, 8,231; Louisiana, 1,764; Mississippi, 14,751; North Carolina, 5,934; Oklahoma, 14,825; South Carolina, 5,380; Tennessee, 3,704; Texas, 22,635; and all other states, 1,220.

Linter cotton.—The short fiber, called linters, obtained by the cottonseed-oil mills from reginning cottonseed before extracting the oil, enters into many lines of manufacture where otherwise it would be necessary to use a better grade of cotton. Among the industries in which linters are used are upholstering and the manufacture of mattresses, batting, cheap yarns, rope, and twine. Linter cotton thus constitutes an important factor in the total supply. The quantity of this fiber has materially increased in recent years, because more seed is annually being treated, and the seed treated is being reginned more closely than heretofore. The material loss in the value of linter cotton within the last two seasons is attributable to the fact that the closer reginning results in a poorer quality of fiber, and to the further fact that improved machinery has been introduced, which leaves less fiber on the seed after it passes through the first ginning. The quantity of linters produced six years ago was about 200,000 bales, with an average value of about two-fifths that of middling cotton; this season, 345,507 bales have been saved, with an average value of only about one-seventh that of middling cotton, some of it having been disposed of this season at less than 1 cent per pound. This falling off in the quality and value of linter cotton makes it desirable to exclude such cotton from the statistics of production, but, as it is included in the statistics of cotton exported, of cotton taken and consumed by certain classes of manufacturers, and of stocks, it is necessary to account for it in statistics of production and supply. The Bureau, however, where it is practicable to do so, states the quantity of linters included in its compilations separately.

Extension of the cotton growing area.—Cotton growing in Texas and Oklahoma has developed remarkably during the last ten years. In that portion of Texas west of a line connecting the western border of Hardeman county on the north and Dimmit county on the south, only 7,831 bales were reported in 1899, while 139,377 bales have been returned for 1908. In the territory bounded by a line extending from the northwestern corner of Hardeman county to the southeastern corner of Nolan, thence west to the southwestern corner of Andrews county, commonly known as the "Panhandle," comprising 51,350 square miles, about 2,000 bales of cotton were grown in 1889 and 5,396 bales in 1899. In 1908, however, the production in this area amounted to 111,951 bales. In the section lying immediately east of this the increase has been even more striking. In 16 counties inclosed by a line including Hardeman, Wichita, Eastland, and Taylor

counties the production in 1899 was 47,622 bales, while in 1908 it was 288,110 bales. Much of this territory was not, until recently, believed to be available for cotton growing, because of insufficient moisture, but now the large ranches are being cut up into small cotton farms, a condition as encouraging to the consumer of cotton as it is disquieting to the ranchman. Large additions have recently been made to the cotton acreage in Oklahoma, through the cultivation of new land and through the recent disposition of wheat growers to abandon that crop because of insect pests, and to take up the raising of cotton.

New Mexico and Arizona have been added to the list of cotton producers, although the production as yet is insignificant. In the latter territory growers are experimenting with Egyptian cotton.

Periodical reports of cotton ginned.—As in the past three seasons, practically semimonthly reports of cotton ginned will be issued during the season of 1909–10. The dates to which the statistics will relate and the dates on which the reports are expected to be published are presented in Table 2.

TABLE 2.—*Schedule of reports during the ginning season: 1909–10.*

REPORT NUMBER.	Date to which report relates.	Date of publication (10 a. m.).
1	September 1	September 8.
2	September 25	October 2.
3	October 18	October 25.
4	November 1	November 8.
5	November 14	November 22.
6	December 1	December 8.
7	December 13	December 20.
8	January 1	January 10.
9	January 16	January 24.
10	March 1	March 21.

Summaries showing the number of bales ginned to specified dates are wired to the Bureau on the last day of each canvass, and on the following morning these are compiled in the Bureau and given to the public at 10 a. m. As indicated by Table 2, the agents are given at every canvass approximately one week in which to visit the ginneries and secure the returns. The preliminary reports of the Bureau are printed on pre-addressed cards and mailed within twenty-four hours after the publication to the ginners and to all other persons requesting them. At the time of telegraphing the summaries the agents are required to mail the individual returns of the ginners which have been collected and used by the agents in preparing the summaries; this affords a valuable check, as the card returns are compared and added in the Bureau and necessary revisions made in the published summaries.

In addition to the reports scheduled in the above statement, there will be published in September, as heretofore, a report on the supply and distribution of cotton for the year ending August 31; and three stock reports will hereafter be collected with relation to November 1, January 1, and March 1.

Cotton ginned to specified dates.—The quantity of cotton, exclusive of linters, ginned to given dates during the growth years from 1902 to 1908, inclusive, and the percentage of the total crop ginned to each report date are shown in Tables 3 and 4.

It is not practicable to express the quantity of cotton ginned in equivalent 500-pound bales before the close of the season; therefore the statistics in Table 3 are in running bales, counting round as half bales, and linters are not included. As computed from the final returns, the percentages of the total number of bales ginned from the crop of 1908 to the respective report dates are as follows: 3.1 to September 1; 19.8 to September 25; 48.1 to October 18; 62.6 to November 1; 73.3 to November 14; 84.1 to December 1; 91 to December 13; 95.3 to January 1; and 96.8 to January 16. The variations in the percentages of the table are noteworthy. By October 18 there had been ginned 48.1 per cent of the crop of 1908, compared with 40 per cent for 1907, 38 per cent for 1906, 47.6 per cent for 1905, and 47.7 per cent for 1904.

TABLE 3.—COMPARATIVE SUMMARY OF COTTON GINNED TO SPECIFIED DATES AND TO THE END OF THE SEASON, BY STATES: 1902 TO 1908.

STATE.	Growth year.	RUNNING BALES, COUNTING ROUND AS HALF BALES AND EXCLUDING LINTERS.									
		Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	Total crop.
United States	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
Alabama	1908	26,298	316,349	694,104	891,667	1,020,724	1,175,629	1,265,953	1,302,338	1,316,803	1,332,003
	1907	8,132	137,658	416,912	609,297	744,627	856,596	961,739	1,032,177	1,070,090	1,113,093
	1906	24,312	221,851	469,647	676,747	834,910	1,018,955	1,136,844	1,190,062	1,216,606	1,241,133
	1905	50,636	331,807	644,165	816,566	944,391	1,067,424	1,133,318	1,176,608	1,202,145	1,228,000
	1904	25,678	.....	685,244	.....	1,065,438	.....	1,319,711	.....	1,411,834	1,451,362
	1903	1,266	.....	429,938	.....	717,346	.....	910,819	.....	984,096	987,224
	1902	.....	.....	553,916	.....	.....	.....	856,363	.....	.....	965,518
Arkansas	1908	323	80,465	347,468	536,785	665,232	776,461	847,312	910,423	931,133	996,093
	1907	75	10,133	163,371	291,143	385,528	484,181	572,418	626,551	666,810	751,851
	1906	446	35,837	163,102	306,762	453,658	570,924	673,030	731,547	764,100	894,268
	1905	58	7,298	119,899	210,528	309,280	423,738	475,574	510,599	534,687	598,915
	1904	76	.....	237,711	.....	556,023	.....	769,388	.....	825,919	901,223
	1903	17	.....	124,728	.....	392,528	.....	526,080	.....	642,052	715,588
	1902	.....	.....	350,193	.....	.....	.....	730,005	.....	.....	949,101
Florida	1908	2,524	16,657	34,027	43,234	51,497	58,603	64,131	66,855	68,624	70,598
	1907	942	7,808	19,863	28,626	35,454	40,681	45,685	50,085	53,486	56,668
	1906	1,898	10,479	24,321	34,707	42,278	50,028	55,916	59,011	60,432	61,473
	1905	4,615	20,649	37,509	48,718	56,628	65,250	69,752	72,889	75,229	78,838
	1904	1,956	.....	40,642	.....	60,291	.....	75,713	.....	81,855	87,525
	1903	582	.....	23,436	.....	39,144	.....	50,084	.....	57,174	58,572
	1902	.....	.....	26,092	.....	.....	.....	54,443	.....	.....	67,287
Georgia	1908	64,093	514,898	1,119,228	1,387,641	1,564,037	1,739,657	1,868,963	1,930,783	1,952,113	1,977,050
	1907	34,822	342,704	878,643	1,202,485	1,388,694	1,518,199	1,632,463	1,725,965	1,771,832	1,860,323
	1906	25,298	281,585	720,316	1,003,718	1,193,147	1,391,224	1,514,637	1,571,582	1,601,922	1,632,703
	1905	116,205	596,711	1,066,998	1,304,041	1,439,392	1,559,279	1,620,741	1,670,466	1,695,434	1,725,272
	1904	61,706	.....	1,052,570	.....	1,540,749	.....	1,790,792	.....	1,898,397	1,962,890
	1903	6,105	.....	607,086	.....	975,336	.....	1,181,541	.....	1,283,911	1,305,844
	1902	.....	.....	856,341	.....	.....	.....	1,346,421	.....	.....	1,475,834
Louisiana	1908	4,618	79,042	207,992	287,885	341,953	394,918	435,603	453,210	458,762	466,543
	1907	756	45,750	180,720	280,144	351,241	424,433	501,612	560,780	598,439	662,032
	1906	14,033	139,511	321,123	441,757	552,919	672,873	764,850	836,459	888,577	955,473
	1905	3,550	46,503	134,718	225,288	282,936	363,318	416,237	456,339	484,328	511,738
	1904	5,433	.....	383,600	.....	663,423	.....	872,403	.....	982,598	1,083,683
	1903	446	.....	229,819	.....	486,485	.....	656,970	.....	786,544	818,087
	1902	.....	.....	357,291	.....	.....	.....	637,627	.....	.....	866,911
Mississippi	1908	4,330	199,001	621,399	893,148	1,086,183	1,297,677	1,441,947	1,522,160	1,551,792	1,620,325
	1907	194	71,043	410,065	634,605	794,992	955,414	1,120,908	1,230,127	1,287,389	1,442,881
	1906	9,690	156,573	365,658	591,254	792,778	1,007,879	1,184,914	1,289,294	1,361,838	1,483,408
	1905	4,413	96,789	319,408	513,504	666,642	841,775	951,656	1,033,794	1,084,409	1,168,059
	1904	2,652	.....	561,572	.....	1,031,644	.....	1,415,376	.....	1,576,533	1,774,464
	1903	384	.....	467,202	.....	909,218	.....	1,186,142	.....	1,339,240	1,410,805
	1902	.....	.....	556,107	.....	.....	.....	1,113,481	.....	.....	1,423,395
North Carolina	1908	101	89,063	276,222	373,713	451,434	554,346	615,736	647,505	661,669	683,628
	1907	43	40,388	216,104	326,979	399,050	468,447	523,257	565,207	591,851	637,961
	1906	32	44,877	223,437	311,448	384,275	490,540	546,524	571,628	587,759	611,258
	1905	3,028	119,237	334,649	439,027	510,202	573,560	608,183	629,344	637,701	652,815
	1904	134	.....	309,097	.....	519,427	.....	659,135	.....	704,801	749,712
	1903	112	.....	232,609	.....	407,161	.....	502,537	.....	541,136	555,320
	1902	.....	.....	292,726	.....	.....	.....	516,168	.....	.....	567,530
Oklahoma	1908	8	5,705	132,556	217,629	322,051	431,054	494,984	585,010	612,144	689,345
	1907	16	31,422	240,210	373,568	484,657	598,723	685,595	742,042	782,790	848,977
	1906	13	17,570	198,709	341,808	484,996	574,043	643,667	701,814	741,633	871,961
	1905	102	22,619	179,108	281,960	363,241	476,997	532,362	576,076	595,330	660,027
	1904	1,098	.....	280,144	.....	529,277	.....	702,980	.....	761,739	796,382
	1903	4	.....	96,904	.....	261,213	.....	353,326	.....	433,460	456,704
	1902	.....	.....	247,717	.....	.....	.....	451,626	.....	.....	530,709
South Carolina	1908	9,399	289,969	660,678	821,608	938,926	1,051,550	1,134,183	1,176,220	1,192,723	1,215,848
	1907	3,041	185,656	537,273	735,994	851,361	943,868	1,014,356	1,065,876	1,093,416	1,163,565
	1906	3,240	131,262	396,551	549,857	654,458	769,785	838,828	868,977	887,087	912,602
	1905	38,719	324,083	642,932	822,232	912,603	993,315	1,042,877	1,075,936	1,092,932	1,112,363
	1904	4,215	.....	629,857	.....	930,713	.....	1,085,725	.....	1,144,514	1,192,926
	1903	1,681	.....	414,709	.....	625,611	.....	747,828	.....	798,714	814,351
	1902	.....	.....	586,997	.....	.....	.....	863,989	.....	.....	948,005
Tennessee	1908	6	28,109	131,073	198,783	243,493	279,654	302,627	317,010	321,727	334,084
	1907	.....	2,474	60,644	108,068	139,959	177,048	204,450	225,292	238,404	266,433
	1906	3	7,394	38,858	92,916	142,661	184,242	220,552	241,838	252,533	293,023
	1905	2	3,306	67,134	108,907	156,152	203,384	225,447	240,565	248,683	269,030
	1904	2	.....	79,552	.....	195,873	.....	271,181	.....	297,443	320,317
	1903	1	.....	66,447	.....	156,457	.....	202,264	.....	225,494	240,808
	1902	.....	.....	117,157	.....	.....	.....	254,774	.....	.....	307,102
Texas	1908	289,928	966,607	2,047,796	2,502,862	2,863,528	3,193,096	3,368,874	3,486,007	3,528,981	3,627,350
	1907	152,257	657,423	1,289,324	1,523,147	1,705,529	1,849,262	1,989,968	2,091,667	2,145,695	2,208,021
	1906	328,586	1,008,856	1,998,807	2,535,551	2,995,791	3,257,001	3,485,565	3,626,117	3,758,493	3,957,619
	1905	255,327	786,176	1,431,093	1,664,266	1,826,125	2,077,026	2,172,881	2,231,689	2,284,954	2,432,718
	1904	271,871	.....	2,141,855	.....	2,653,203	.....	2,953,067	.....	3,019,944	3,062,203
	1903	6,704	.....	1,003,625	.....	1,816,310	.....	2,171,088	.....	2,351,425	2,406,146
	1902	.....	.....	1,720,147	.....	.....	.....	2,034,540	.....	.....	2,427,994
All other states[1]	1908	1	4,774	23,623	36,602	46,751	56,016	63,956	67,777	69,732	73,138
	1907	.....	83	7,129	14,506	19,573	26,544	31,619	35,736	39,349	46,017
	1906	.....	1,488	11,692	19,870	30,371	40,374	47,462	52,710	55,219	68,280
	1905	.....	538	12,953	22,558	33,588	44,597	48,791	51,121	53,802	57,330
	1904	.....	.....	16,050	.....	40,585	.....	56,006	.....	62,023	68,650
	1903	.....	.....	9,745	.....	28,353	.....	37,565	.....	42,291	50,520
	1902	.....	.....	18,322	.....	.....	.....	46,068	.....	.....	58,864

[1] Includes Arizona, Kansas, Kentucky, Missouri, New Mexico, and Virginia.

TABLE 4.—PER CENT OF THE TOTAL CROP GINNED TO SPECIFIED DATES, BY STATES: 1902 TO 1908.

[Based on statistics shown in Table 3.]

STATE.	Growth year.	PER CENT OF TOTAL CROP GINNED TO—								
		Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.
United States	1908	3.1	19.8	48.1	62.6	73.3	84.1	91.0	95.3	96.8
	1907	1.8	13.9	40.0	55.4	66.0	75.5	84.0	90.0	93.5
	1906	3.1	15.8	38.0	53.2	65.9	77.2	85.6	90.4	93.8
	1905	4.5	22.4	47.6	61.5	71.5	82.8	88.6	92.7	95.2
	1904	2.8	.....	47.7	.....	72.8	.....	89.0	.....	94.9
	1903	0.2	.....	37.7	.....	69.4	.....	86.8	.....	96.6
	1902	.....	.....	53.7	.....	.....	.....	84.1	.....	.....
Alabama	1908	2.0	23.7	52.1	66.9	76.6	88.3	95.0	97.8	98.9
	1907	0.7	12.4	37.5	54.7	66.9	77.0	86.4	92.7	96.1
	1906	2.0	17.9	37.8	54.5	67.3	82.1	91.6	95.9	98.0
	1905	4.1	27.0	52.5	66.5	76.9	86.9	92.3	95.8	97.9
	1904	1.8	.....	47.2	.....	73.4	.....	90.9	.....	97.3
	1903	0.1	.....	43.6	.....	72.7	.....	92.3	.....	99.7
	1902	.....	.....	57.4	.....	.....	.....	88.7	.....	.....
Arkansas	1908	(1)	8.1	34.9	53.9	66.8	78.0	85.1	91.4	93.5
	1907	(1)	1.3	21.7	38.7	51.3	64.4	76.1	83.3	88.7
	1906	(1)	4.0	18.2	34.3	50.7	63.8	75.3	81.8	85.4
	1905	(1)	1.2	20.0	35.2	51.6	70.8	79.4	85.3	89.3
	1904	(1)	.....	26.4	.....	61.7	.....	85.4	.....	91.6
	1903	(1)	.....	17.4	.....	54.9	.....	73.5	.....	89.7
	1902	.....	.....	36.9	.....	.....	.....	76.9	.....	.....
Florida	1908	3.6	23.6	48.2	61.2	72.9	83.0	90.8	94.7	97.2
	1907	1.7	13.9	35.1	50.5	62.6	71.8	80.6	88.4	94.4
	1906	3.1	17.0	39.6	56.5	68.8	81.4	91.0	96.0	98.3
	1905	5.9	26.2	47.6	61.8	71.8	82.8	88.5	92.5	95.4
	1904	2.2	.....	46.4	.....	68.9	.....	86.5	.....	93.5
	1903	1.0	.....	40.0	.....	66.8	.....	85.5	.....	97.6
	1902	.....	.....	38.8	.....	.....	.....	80.9	.....	.....
Georgia	1908	3.3	26.0	56.6	70.2	79.1	88.0	94.5	97.7	98.7
	1907	1.9	18.4	47.2	64.6	74.6	81.6	87.8	92.8	95.2
	1906	1.5	17.2	44.1	61.5	73.1	85.2	92.8	96.3	98.1
	1905	6.7	34.6	61.8	75.6	83.4	90.4	93.9	96.8	98.3
	1904	3.1	.....	53.6	.....	78.5	.....	91.2	.....	96.7
	1903	0.5	.....	46.5	.....	74.7	.....	90.5	.....	98.3
	1902	.....	.....	58.0	.....	.....	.....	91.2	.....	.....
Louisiana	1908	1.0	16.9	44.6	61.7	73.3	84.6	93.4	97.1	98.3
	1907	0.1	6.9	27.3	42.3	53.1	64.1	75.8	84.7	90.4
	1906	1.5	14.6	33.6	46.2	57.9	70.4	80.0	87.5	93.0
	1905	0.7	9.1	26.3	44.0	55.3	71.0	81.3	89.2	94.6
	1904	0.5	.....	35.4	.....	61.2	.....	80.5	.....	90.7
	1903	0.1	.....	28.1	.....	59.5	.....	80.3	.....	96.1
	1902	.....	.....	41.2	.....	.....	.....	73.6	.....	.....
Mississippi	1908	0.3	12.3	38.4	55.1	67.0	80.1	89.0	93.9	95.8
	1907	(1)	4.9	28.4	44.0	55.1	66.2	77.7	85.3	89.2
	1906	0.7	10.6	24.6	39.9	53.4	67.9	79.9	86.9	91.8
	1905	0.4	8.3	27.3	44.0	57.1	72.1	81.5	88.5	92.8
	1904	0.1	.....	31.6	.....	58.1	.....	79.8	.....	88.8
	1903	(1)	.....	33.1	.....	64.4	.....	84.1	.....	94.9
	1902	.....	.....	39.1	.....	.....	.....	78.2	.....	.....
North Carolina	1908	(1)	13.0	40.4	54.7	66.0	81.1	90.1	94.7	96.8
	1907	(1)	6.3	33.9	51.3	62.6	73.4	82.0	88.6	92.8
	1906	(1)	7.0	36.6	51.0	62.9	80.3	89.4	93.5	96.2
	1905	0.5	18.3	51.3	67.3	78.2	87.9	93.2	96.4	97.7
	1904	(1)	.....	41.2	.....	69.3	.....	87.9	.....	94.0
	1903	(1)	.....	41.9	.....	73.3	.....	90.5	.....	97.4
	1902	.....	.....	51.6	.....	.....	.....	90.9	.....	.....
Oklahoma	1908	(1)	0.8	19.2	31.6	46.7	62.5	71.8	84.9	88.8
	1907	(1)	3.7	28.3	44.0	57.1	70.5	80.8	87.4	92.2
	1906	(1)	2.0	22.8	39.2	55.6	65.8	73.8	80.5	85.1
	1905	(1)	3.4	27.1	42.7	55.0	72.3	80.7	87.3	90.2
	1904	0.1	.....	35.2	.....	67.6	.....	88.3	.....	95.6
	1903	(1)	.....	21.2	.....	57.2	.....	79.4	.....	94.9
	1902	.....	.....	46.7	.....	.....	.....	85.1	.....	.....
South Carolina	1908	0.8	23.8	54.3	67.6	77.2	86.5	93.3	96.7	98.1
	1907	0.3	16.0	46.2	63.3	73.2	81.1	87.2	91.6	94.0
	1906	0.4	14.4	43.5	60.3	71.7	84.4	91.9	95.2	97.2
	1905	3.5	29.1	57.8	73.9	82.0	89.3	93.8	96.7	98.3
	1904	0.4	.....	52.8	.....	78.0	.....	91.0	.....	95.9
	1903	0.2	.....	50.9	.....	76.8	.....	91.8	.....	98.1
	1902	.....	.....	61.9	.....	.....	.....	91.1	.....	.....
Tennessee	1908	(1)	8.4	39.2	59.5	72.9	83.7	90.6	94.9	96.3
	1907	.....	0.9	22.8	40.6	52.5	66.5	76.7	84.6	89.5
	1906	(1)	2.5	13.3	31.7	48.7	62.9	75.3	82.5	86.2
	1905	(1)	1.2	25.0	40.5	58.0	75.6	83.8	89.4	92.4
	1904	(1)	.....	24.8	.....	61.1	.....	84.7	.....	92.9
	1903	(1)	.....	27.6	.....	65.0	.....	84.0	.....	93.6
	1902	.....	.....	38.1	.....	.....	.....	83.0	.....	.....
Texas	1908	8.0	26.6	56.5	69.0	78.9	88.0	92.9	96.1	97.3
	1907	6.9	29.8	58.4	69.0	77.2	83.8	90.1	94.7	97.2
	1906	8.3	25.5	50.5	64.1	75.7	82.3	88.1	91.6	95.0
	1905	10.5	32.3	58.8	68.4	75.1	85.4	89.3	91.7	93.9
	1904	8.9	.....	69.9	.....	86.6	.....	96.4	.....	98.6
	1903	0.3	.....	41.7	.....	75.5	.....	90.2	.....	97.7
	1902	.....	.....	70.8	.....	.....	.....	83.8	.....	.....
All other states [2]	1908	(1)	6.5	32.3	50.0	63.9	76.6	87.4	92.7	95.3
	1907	(1)	0.2	15.5	31.5	42.5	57.7	68.7	77.7	85.5
	1906	(1)	2.2	17.1	29.1	44.5	59.1	69.5	77.2	80.9
	1905	(1)	0.9	22.6	39.3	58.6	77.8	85.1	89.2	93.8
	1904	(1)	.....	23.4	.....	59.1	.....	81.6	.....	90.3
	1903	.....	.....	19.3	.....	56.1	.....	74.4	.....	83.7
	1902	.....	.....	31.1	.....	.....	.....	78.3	.....	.....

[1] Less than one-tenth of 1 per cent.

[2] Includes Arizona, Kansas, Kentucky, Missouri, New Mexico, and Virginia.

An analysis of the statistics of periodical ginnings, as shown on page 11, is presented in the following table. It shows the average quantity of cotton ginned per work day between the different report dates, together with the corresponding percentage of the crop ginned during the period.

TABLE 5.—AVERAGE QUANTITY OF COTTON GINNED PER WORK DAY BETWEEN THE DIFFERENT REPORT DATES, TOGETHER WITH THE PERCENTAGES OF THE CROP GINNED DURING THE PERIODS: CROPS OF 1905 TO 1908.

[Running bales, counting round as half bales and excluding linters.]

GINNING PERIOD.	CROP OF—							
	1908		1907		1906		1905	
	Average ginned per work day (bales).	Per cent crop ginned in period.	Average ginned per work day (bales).	Per cent crop ginned in period.	Average ginned per work day (bales).	Per cent crop ginned in period.	Average ginned per work day (bales).	Per cent crop ginned in period.
September 1 to September 25	104,210	16.7	66,616	12.0	82,487	12.7	93,953	17.9
September 25 to October 18	185,276	28.3	144,383	26.1	143,717	22.1	138,676	25.1
October 18 to November 1	157,949	14.5	142,359	15.4	164,565	15.2	122,252	14.0
November 1 to November 14	127,659	10.7	106,555	10.6	150,532	12.8	94,871	9.9
November 14 to December 1	100,918	10.8	69,515	9.4	97,708	11.3	79,232	11.3
December 1 to December 13	81,419	6.8	94,067	8.5	108,492	8.4	60,816	5.8
December 13 to January 1	35,064	4.3	41,715	6.0	39,266	4.8	26,725	4.1
January 1 to January 16	15,454	1.5	29,850	3.5	33,474	3.4	20,324	2.5
After January 15	11,346	3.2	18,417	6.5	21,237	6.2	13,302	4.8

The period of largest average daily ginnings for the last two years was between September 25 and October 18. The average in that period was 185,276 bales during the past season and 144,383 bales in 1907. Little relation apparently exists between the size of the crop and the average quantity of cotton ginned daily during any fixed period. For instance, the crops of 1906 and of 1908 are practically the same in volume, but the largest daily average in 1906 was during the period between October 18 and November 1, when the average was 164,565 bales, or 20,848 bales more than during the preceding period. The differences in the average quantity of cotton ginned per work day are attributable largely to variations in weather conditions, to the supply of labor for harvesting, and, in some instances, to the condition of the cotton market, as when prices are good the producers are anxious to take advantage of the same and will move their cotton to the ginneries more rapidly than when the market is indifferent.

Average weight of bale.—Table 6 shows, by states, 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 equivalent pounds, for the crops of 1906, 1907, and 1908.

As many ginners do not weigh the baled cotton turned out from their establishments, and as some of those who do weigh it fail to keep permanent records, average bale weights secured from ginners are not always reliable. In view of this condition, and because of the necessity of securing local weights in order to credit each county with its proper proportion of the crop, the Bureau had its canvassing agents secure bale weights also from local weighers, merchants, and other handlers of cotton. The statistics in Table 6 have been compiled from these data, and probably constitute the most reliable record of bale weights ever compiled in connection with a cotton crop.

The number of square bales for which weights were returned to the Bureau for the crop of 1908 is 5,908,174, secured from 840 of the 875 counties from which cotton ginning has been reported. The counties from which bale weights were not secured ginned an insignificant proportion of the crop. The weights were returned in three installments, with the reports of cotton ginned to October 18, to December 13, and to January 16. By securing weights of bales ginned at different periods, it is believed that statistics have been obtained representative of the varying conditions during the season, and that the averages in the table are reliable. Because of 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 ginning is practically completed. In addition to the weight statistics of upland square bales shown in Table 6, statistics were also secured for sea-island bales and round bales weighed, and from these data were computed the average weights for round and sea-island bales. The average weight of the linter bale has been computed from returns of the cottonseed-oil mills.

TABLE 6.—AVERAGE GROSS WEIGHT OF THE SEVERAL KINDS OF BALES AND THE NUMBER OF SQUARE BALES FOR WHICH WEIGHTS WERE RETURNED, BY STATES: 1906 TO 1908.

STATE.	Growth year.	AVERAGE GROSS WEIGHT OF BALE.					NUMBER SQUARE BALES FOR WHICH WEIGHTS WERE RETURNED AND EQUIVALENT POUNDS.	
		Round as half bales and including linters (pounds).	Square (pounds).	Round (pounds).	Sea-island (pounds).	Linter (pounds).	Number.	Weight (pounds).
United States	1908	505.8	506.9	248.6	389.3	498.9	5,908,174	2,983,421,133
	1907	502.2	503.2	246.1	391.6	500.2	4,606,253	2,314,074,388
	1906	510.9	512.0	245.1	387.2	499.4	4,701,718	2,398,101,573
Alabama	1908	505.0	505.1	258.9	.....	496.9	655,926	331,095,793
	1907	499.9	499.9	247.9	.....	501.8	437,131	217,961,349
	1906	508.2	508.3	249.7	.....	507.9	468,305	237,913,656
Arkansas	1908	518.3	518.5	258.4	.....	511.3	551,117	285,090,936
	1907	515.1	515.2	260.2	.....	509.0	360,092	185,295,976
	1906	526.0	526.3	254.5	.....	517.8	337,684	177,570,776
Florida	1908	439.5	495.1	.....	382.7	426.8	13,019	6,351,897
	1907	439.2	493.8	.....	387.2	428.8	13,764	6,719,854
	1906	454.7	499.0	.....	386.4	438.3	15,757	7,889,049
Georgia	1908	488.4	490.3	253.5	406.7	489.2	930,861	456,847,654
	1907	488.0	490.1	253.5	405.1	484.0	767,944	378,438,027
	1906	487.5	489.1	250.0	400.5	480.0	754,383	370,901,879
Louisiana	1908	504.5	504.4	240.8	.....	525.1	230,149	116,050,624
	1907	510.5	510.7	244.9	.....	524.8	196,745	99,224,221
	1906	517.0	517.4	247.8	.....	521.0	272,904	139,649,888
Mississippi	1908	510.9	511.0	250.7	.....	509.1	678,117	344,656,106
	1907	508.7	508.8	250.7	.....	504.4	600,485	304,391,936
	1906	515.8	516.0	244.8	.....	509.2	539,173	279,116,432
North Carolina	1908	472.8	473.2	.....	.....	457.2	296,314	140,619,899
	1907	474.5	474.4	.....	.....	479.0	291,860	138,965,772
	1906	474.3	473.9	.....	.....	489.5	242,453	115,541,057
Oklahoma	1908	501.1	501.7	240.5	.....	506.2	345,391	172,906,423
	1907	507.3	508.7	238.8	.....	484.3	353,982	179,288,414
	1906	514.2	515.8	235.5	.....	486.9	244,772	126,345,119
South Carolina	1908	481.2	483.0	.....	351.8	470.6	674,539	325,415,350
	1907	481.3	482.4	.....	355.8	498.2	515,635	247,481,138
	1906	480.4	481.2	.....	347.5	495.4	396,939	190,822,348
Tennessee	1908	514.8	515.6	258.3	.....	497.8	160,653	82,998,148
	1907	516.6	516.5	258.3	.....	518.0	99,947	51,546,990
	1906	522.1	522.0	.....	.....	526.0	83,212	43,856,766
Texas	1908	525.3	526.3	250.1	.....	506.6	1,356,574	713,304,355
	1907	520.5	521.3	248.3	.....	508.1	947,643	493,785,031
	1906	526.5	528.0	245.4	.....	494.3	1,318,091	693,922,535
All other states [1]	1908	522.2	523.3	250.0	.....	509.7	15,514	8,083,948
	1907	521.8	522.8	.....	.....	501.5	21,025	10,975,680
	1906	515.9	516.2	.....	.....	510.4	28,045	14,572,068

[1] Includes Arizona, Kansas, Kentucky, Missouri, New Mexico, and Virginia, and linter production of Illinois.

Method of computing average bale weights.—In arriving at the average bale weight for a state, the average weights of the square, the round, and the sea-island bales computed from those weighed in each county were multiplied separately by the number of the various kinds of bales ginned in the county. The products thus obtained constitute the total production of the county in pounds. The county totals were added, the result being the state total, which was then divided by the number of bales in the state to obtain the average weight of the bale. By deducting from the divisor one-half of the number of round bales the average weight of the bale, counting round as half bales, was obtained. The average bale weight of the crop of 1908, counting round as half bales and including linters, is 505.8 pounds gross.

The average weight of the bale exported during the six months ending February 28, 1909, is 513.2 pounds, which is 7.4 pounds heavier than that of the average for the crop of 1908, as computed by the Bureau from returns of bale weights. This variation may be due to a number of causes, among which may be mentioned the fact that since the weight of the bale grows lighter toward the close of the season, the average weight of the export bale for the period given is likely to be greater than it will be for the entire year, and the fact that the states which contribute the larger portion of the export cotton are those which put up the heaviest bales. For example, the average weight of the bale exported from Galveston during the six-month period ending with February is 527.3 pounds, compared with 502.4 for Savannah. The average weight of the bale this season for Arkansas, Louisiana, Mississippi, Tennessee, Texas, and Oklahoma, which furnish about two-thirds of the export cotton, is 518.1 pounds, while that for Alabama, Georgia, and South Carolina, which contribute most largely to the domestic consumption, is 492.7 pounds.

Production in pounds.—The equivalent pounds of cotton, including linters, for the crops of 1904 to 1908, inclusive, are shown, by states, in Table 7.

TABLE 7.—GROSS WEIGHT OF COTTON, INCLUDING LINTERS, BY STATES: 1904 TO 1908.

STATE.	Growth year.	Aggregate (pounds).	LINT COTTON.				LINTERS.
			Total (pounds).[1]	Gross weight.			Gross weight (pounds).
				In square bales (pounds).	In round bales (pounds).	In sea-island bales (pounds).	
United States	1908	6,793,652,974	6,620,899,574	6,524,132,824	60,225,011	36,538,239	172,753,400
	1907	5,687,730,718	5,553,589,759	5,470,693,877	48,865,146	34,030,736	134,140,959
	1906	6,797,749,091	6,636,904,450	6,548,818,523	65,744,008	22,281,889	160,844,641
	1905	5,402,277,595	5,287,508,282	5,172,707,186	70,090,665	44,699,294	114,769,313
	1904	6,839,977,470	6,719,006,219	6,604,425,566	73,389,619	41,180,434	120,971,251
Alabama	1908	687,069,940	672,856,542	668,070,927	4,785,615	.....	14,213,398
	1907	566,483,175	556,348,923	551,922,915	4,426,008	.....	10,134,252
	1906	642,210,770	630,761,171	624,652,364	6,108,807	.....	11,449,599
	1905	630,156,715	619,286,931	610,719,983	8,566,948	.....	10,869,784
	1904	733,734,325	724,078,544	718,765,440	5,313,104	.....	9,655,781
Arkansas	1908	529,044,535	516,459,796	512,836,599	3,623,197	.....	12,584,739
	1907	396,707,657	387,360,730	385,670,732	1,689,998	.....	9,346,927
	1906	481,895,233	470,588,505	468,146,697	2,441,808	.....	11,306,728
	1905	317,942,507	309,558,480	309,370,420	188,060	.....	8,384,027
	1904	473,186,379	465,332,720	465,007,970	324,750	.....	7,853,659
Florida	1908	31,610,557	31,044,545	17,737,241	.....	13,307,304	566,012
	1907	25,355,419	24,896,994	13,693,391	.....	11,203,603	458,425
	1906	28,567,326	27,972,495	18,700,649	.....	9,271,846	594,831
	1905	34,973,188	34,398,521	18,302,663	.....	16,095,858	574,667
	1904	40,275,732	39,585,658	23,999,142	.....	15,586,516	690,074
Georgia	1908	990,038,283	965,589,501	947,397,581	73,515	18,118,405	24,448,782
	1907	927,894,382	907,916,859	889,072,312	730,080	18,114,467	19,977,523
	1906	813,164,837	796,285,890	784,789,416	1,291,000	10,205,474	16,878,947
	1905	857,539,615	841,277,323	815,091,798	2,091,351	24,094,174	16,262,292
	1904	958,340,683	943,926,253	919,718,132	2,698,157	21,509,964	14,414,430
Louisiana	1908	243,174,857	235,068,060	229,535,005	5,533,055	.....	8,106,797
	1907	347,033,193	337,714,104	328,243,088	9,471,016	.....	9,319,089
	1906	506,286,908	493,889,388	482,945,052	10,944,336	.....	12,397,520
	1905	263,159,971	256,739,746	251,275,326	5,464,420	.....	6,420,225
	1904	556,794,141	544,762,792	532,083,578	12,679,214	.....	12,031,349
Mississippi	1908	852,485,941	827,972,639	827,924,756	47,883	.....	24,513,302
	1907	752,151,492	734,088,243	732,435,127	1,653,116	.....	18,063,249
	1906	784,765,181	765,374,231	764,862,755	511,476	.....	19,390,950
	1905	614,922,346	599,285,747	599,285,747	.....	.....	15,636,599
	1904	916,622,596	899,458,431	899,293,086	165,345	.....	17,164,165
North Carolina	1908	331,583,507	323,478,762	323,475,262	.....	.....	8,104,745
	1907	309,825,080	302,655,189	302,655,189	.....	.....	7,169,891
	1906	297,193,655	289,663,182	289,663,182	.....	.....	7,530,473
	1905	315,239,147	309,570,525	309,570,025	.....	.....	5,668,622
	1904	356,109,351	351,880,111	351,872,711	.....	.....	4,229,240
Oklahoma	1908	353,407,489	345,376,111	334,033,051	11,343,060	.....	8,031,378
	1907	441,491,815	431,191,426	420,869,297	10,322,129	.....	10,300,389
	1906	459,187,460	448,913,180	439,622,120	9,291,060	.....	10,274,280
	1905	346,216,364	338,553,097	325,902,935	12,650,162	.....	7,663,267
	1904	409,439,877	402,159,178	389,113,293	13,045,885	.....	7,280,699
South Carolina	1908	597,617,661	585,303,929	580,191,399	.....	5,112,530	12,313,732
	1907	571,121,984	559,610,092	554,897,426	.....	4,712,666	11,511,892
	1906	447,565,001	438,090,613	435,286,044	.....	2,804,569	9,474,388
	1905	547,299,716	539,023,300	534,514,038	.....	4,509,262	8,276,416
	1904	582,919,434	575,585,176	571,501,222	.....	4,083,954	7,334,258
Tennessee	1908	179,929,675	172,242,608	172,139,288	103,320	.....	7,687,067
	1907	143,150,704	137,617,692	137,446,959	170,733	.....	5,533,012
	1906	158,820,641	153,018,470	152,958,440	.....	.....	5,802,171
	1905	144,218,687	139,318,526	139,307,889	.....	.....	4,900,161
	1904	169,480,917	164,659,701	164,312,001	344,500	.....	4,821,216
Texas	1908	1,956,541,959	1,907,242,257	1,872,753,141	34,489,116	.....	49,299,702
	1907	1,180,239,236	1,150,089,640	1,129,687,574	20,402,066	.....	30,149,596
	1906	2,140,911,804	2,087,102,635	2,051,947,114	35,155,521	.....	53,809,169
	1905	1,299,474,819	1,270,966,231	1,229,836,507	41,129,724	.....	28,508,588
	1904	1,607,066,718	1,572,686,071	1,533,867,407	38,818,664	.....	34,380,647
All other states [2]	1908	41,148,570	38,264,824	38,038,574	226,250	.....	2,883,746
	1907	26,276,581	24,099,867	24,099,867	.....	.....	2,176,714
	1906	37,180,275	35,244,690	35,244,690	.....	.....	1,935,585
	1905	31,134,520	29,529,855	29,529,855	.....	.....	1,604,665
	1904	36,007,317	34,891,584	34,891,584	.....	.....	1,115,733

[1] Includes cotton not baled as follows: In 1908, North Carolina, 3,500 pounds; in 1906, Tennessee, 60,030 pounds; in 1905, North Carolina, 500 pounds and Tennessee, 10,637 pounds; in 1904, North Carolina, 7,400 pounds and Tennessee, 3,200 pounds.
[2] Includes Arizona, Kansas, Kentucky, Missouri, New Mexico, and Virginia, and the linter production of Illinois.

Cotton is bought and sold in this country by gross weights; hence the statistics in Table 7 include the weight of the wrapping and bands of the bales, which are estimated to average 22 pounds for square bales, 3 for round, and 10 for sea-island. The total tare thus computed for the crop of 1908 amounts to 292,442,135 pounds, which leaves the net quantity of cotton produced as 6,501,210,839 pounds, of which 6,336,072,211 pounds represent lint and 165,138,628 pounds linters. The proportion of the cotton crop of 1908 put up in round bales is about nine-tenths of 1 per cent, compared with 4.6 per cent in 1902. For the crop of 1902 round bale presses were operated in 12 states, while for that of 1908 they were operated in 9. In 1902 these presses were extensively employed in some states—in Oklahoma 18.4 per cent of the crop was put up in round bales; in Missouri, 19.7 per cent; and in Texas, 6.6 per cent; while in 1908 these presses

handled only 3.3 per cent in Oklahoma, 1.8 per cent in Texas, and 0.7 per cent in Missouri.

Sea-island cotton.—Table 8 is a comparative statement, by states, of the quantity of sea-island cotton ginned in the United States from the crops grown in each year from 1904 to 1908, inclusive, the average gross weight of the bale, and the quantities ginned to specified dates during the season.

TABLE 8.—COMPARATIVE SUMMARY—PRODUCTION OF SEA-ISLAND COTTON, AVERAGE GROSS WEIGHT OF BALE, AND QUANTITY GINNED TO SPECIFIED DATES, BY STATES: 1904 TO 1908.

STATE.	Growth year.	PRODUCTION.		Average gross weight of bale (pounds).	RUNNING BALES GINNED TO—								
		Bales (number).	Total gross weight (pounds).		Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.
United States	1908	93,858	36,538,239	389.3	1,221	11,457	32,013	45,479	56,701	68,396	80,316	86,528	90,287
	1907	86,895	34,030,736	391.6	85	4,259	18,775	33,331	44,698	55,299	65,268	73,425	80,190
	1906	57,550	22,281,889	387.2	63	2,689	12,091	21,706	30,671	41,250	49,361	54,275	56,326
	1905	112,539	44,699,294	397.2	1,165	11,936	31,487	49,161	64,103	81,695	90,836	98,942	104,710
	1904	104,317	41,180,434	394.8	431	.....	31,691	.....	62,457	.....	85,728	.....	98,110
Florida	1908	34,775	13,307,304	382.7	481	5,083	13,810	19,064	23,620	27,907	31,072	32,698	34,017
	1907	28,935	11,203,603	387.2	37	1,644	6,604	12,153	16,457	19,799	22,490	25,088	27,424
	1906	23,995	9,271,846	386.4	47	1,284	6,121	10,858	15,110	18,886	21,534	23,144	23,670
	1905	41,531	16,095,858	387.6	584	4,944	11,995	20,405	25,485	31,584	34,432	36,528	38,306
	1904	39,619	15,586,516	393.4	172	.....	12,081	.....	23,677	.....	33,059	.....	36,536
Georgia	1908	44,549	18,118,405	406.7	740	5,924	15,233	21,802	26,833	32,140	37,952	41,049	43,256
	1907	44,713	18,114,467	405.1	48	2,537	10,471	17,576	22,660	27,748	33,117	37,052	40,436
	1906	25,484	10,205,474	400.5	16	1,359	5,295	9,363	12,550	17,197	21,171	23,603	24,765
	1905	58,311	24,094,174	413.2	581	6,546	17,393	25,009	32,476	41,768	46,367	50,865	54,088
	1904	53,112	21,509,964	405.0	259	.....	17,271	.....	31,287	.....	43,738	.....	50,324
South Carolina	1908	14,534	5,112,530	351.8	.....	450	2,970	4,613	6,248	8,349	11,292	12,781	13,014
	1907	13,247	4,712,666	355.8	.....	78	1,700	3,602	5,581	7,752	9,661	11,285	12,330
	1906	8,071	2,804,569	347.5	.....	46	675	1,485	3,011	5,167	6,656	7,528	7,891
	1905	12,697	4,509,262	355.1	.....	446	2,099	3,747	6,142	8,343	10,037	11,549	12,316
	1904	11,586	4,083,954	352.5	.....	.....	2,339	.....	7,493	.....	8,931	.....	11,250

The sea-island crop of 1908, consisting of 93,858 bales, equivalent to 36,538,239 pounds, exceeds that of 1907 by 6,963 bales, and is 2,826 bales greater than the average crop of the last five years. Of the sea-island crop of 1908, 72.9 per cent was ginned to December 1 and 92.2 to January 1.

Area devoted to sea-island cotton.—The cultivation of sea-island cotton in the United States at the present time, as shown by returns of ginners, is confined to 17 counties in Florida, 26 in Georgia, and 4 in South Carolina, or a total of 47 counties. It is not grown, however, throughout the counties from which it is returned. The area given to this culture in 1899, as returned at the 1900 census, and which has probably not changed materially, was 317,445 acres, distributed as follows: Georgia, 170,756; Florida, 122,787; and South Carolina, 23,902. Experiments have been made in many other parts of these states and in other states to grow this cotton, but so unsatisfactory have been the results that all efforts to grow it outside of certain well-defined areas in the states named have been abandoned. Farmers who grow sea-island cotton in the interior secure new seed frequently from the coast regions in order to preserve its identity, as the fiber degenerates rapidly into that of upland cotton. The distribution of sea-island cotton by counties for the last five years will be found in Table 15 and the localities producing it are represented on Map 1, page 24.

Improved varieties of cotton.—The increased demand in recent years for superior staples is developing better varieties of upland cotton by seed selection and more careful cultivation. The United States Department of Agriculture has been and is now rendering very valuable service in assisting the growers along these lines. The long staples grown chiefly in the portion of the Mississippi valley which extends from Vicksburg to Memphis, a region about 75 miles wide and 200 miles long, are receiving more attention than heretofore. The fiber of much of the cotton grown in this territory measures from one and one-fourth to one and seven-eighth inches in length, and the average yield is about one bale to the acre. The seeds of these fancy varieties have been planted in localities outside of this region the last two or three years with gratifying results, as the staple not infrequently commands a premium of from 5 to 10 cents a pound over middling upland. Unfortunately, few of the localities producing this cotton are supplied with the ginning facilities best suited for the proper treatment of the fiber; saw gins, which cut and break the fiber, are generally employed. In contrast with this practice attention is directed to the fact that the Egyptian and sea-island cottons are treated by roller gins, which contribute to regularity and uniformity in the fiber.

The increase in the imports of foreign cottons which come in competition with sea-island and other superior cottons grown in this country has aroused the American growers, as is evidenced by the fact that, when the Payne tariff bill was recently under consideration, representatives of the growers of sea-island cotton and of the best varieties produced in the Mississippi valley petitioned Congress for the speedy enactment of an amendment to the tariff laws, by which an import duty of not less than 40 per cent would be imposed on the market valuation of all foreign grown cotton imported into America, which can be used as a substitute or competitor by American mills against similar grades raised in this country. It may be stated in

this connection that the importation of foreign cotton for the year ending August 31, 1908, amounted to 143,490 bales of 500 pounds each, of which 122,170 were imported direct from Egypt; the production of sea-island cotton in 1908 was 93,858 bales and that of the superior varieties grown in the Mississippi valley has been estimated at about 300,000 bales.

Average grade and average value per pound of cotton.—The estimated average grade of upland cotton, the average prices of upland and of sea-island cotton, the average price of Egyptian cotton at Boston, and the average price of seed of the crops from 1902 to 1908, inclusive, are presented in Table 9.

The cotton crop of 1908 is remarkable for its excellent spinning qualities and cleanness, being in strong contrast with that of 1906, about equal in size but which was poor in grade and quality. Measured by its yarn producing qualities, the growth of 1908 is believed to be the most valuable crop ever grown.

According to Table 9, the estimated grade of the cotton marketed from the crop of 1908 prior to April 1, 1909, is strict middling. The average prices of upland cotton marketed prior to April 1 used in estimating the value of the crop have ranged from 8.20 cents to 12.16 cents in the 7 years. Sea-island cotton grown in South Carolina sold this season at an average price of 23.39 cents per pound, while that grown in Georgia and Florida averaged 17.92 cents. The average value of the seed for the crop of 1908 is $15.65 per ton, compared with $17.63 for 1907 and $13.76 for 1906.

TABLE 9.—*Average grade of upland cotton, average prices of upland, of sea-island, and of Egyptian cotton, and average price of cottonseed: 1902 to 1908.*[1]

GROWTH YEAR.	Average grade (upland cotton).	AVERAGE PRICE OF COTTON FIBER PER POUND.					Price of cottonseed per ton.
		Upland (cents).	Sea-island.			Egyptian (cents).	
			Florida (cents).	Georgia (cents).	South Carolina (cents).		
1908	Strict middling	9.24	17.92	17.92	23.39	17.25	$15.65
1907	Middling	11.46	24.27	24.27	35.59	21.00	17.63
1906	Strict low middling	10.01	28.65	28.65	36.70	20.00	13.76
1905	Fully middling	10.94	17.50	17.50	26.38	19.00	14.91
1904	Strict middling	8.66	19.50	19.00	27.12	15.00	14.15
1903	Strict middling	12.16	23.60	21.00	28.40	17.75	17.82
1902	Strict low middling	8.20	20.00	17.00	25.00	15.50	15.75

[1] The Census Bureau is indebted to Mr. Henry G. Hester, secretary of the New Orleans Cotton Exchange, for the grades and prices of upland cotton, to Messrs. Henry W. Frost & Co., of Charleston, S. C., for prices of sea-island cotton, and to Herman Capelle Co., of New York, for prices of Egyptian cotton. Prices of cottonseed have been determined from information furnished by cottonseed-oil companies.

Value of the cotton crop.—The quantity and estimated value of upland and of sea-island cotton and of cottonseed for the crops from 1902 to 1908, inclusive, are presented in Table 10.

TABLE 10.—NET WEIGHT AND ESTIMATED VALUE OF UPLAND AND OF SEA-ISLAND COTTON AND THE QUANTITY AND VALUE OF COTTONSEED, BY STATES: 1902 TO 1908.

STATE.	Growth year.	Aggregate value of cotton crop.	COTTON.					COTTONSEED.	
			Total value.	Upland.		Sea-island.		Quantity (tons).	Value.
				Quantity (pounds).	Value.	Quantity (pounds).	Value.		
United States	1908	$681,230,956	$588,814,828	6,300,472,552	$582,163,664	35,599,659	$6,651,164	5,903,838	$92,416,128
	1907	700,956,011	613,630,436	5,279,787,030	605,063,592	33,161,786	8,566,844	4,952,402	87,325,575
	1906	721,647,237	640,311,538	6,332,401,472	633,873,387	21,706,389	6,438,151	5,912,646	81,335,699
	1905	632,298,332	556,833,817	5,016,631,224	548,819,456	43,573,904	8,014,361	5,060,205	75,464,515
	1904	652,031,636	561,100,386	6,386,560,564	553,076,145	40,137,264	8,024,241	6,426,698	90,931,250
	1903	660,549,230	576,499,824	4,688,816,400	570,160,074	27,774,971	6,339,750	4,716,591	84,049,406
	1902	501,897,135	421,687,941	5,052,277,225	414,286,733	39,363,523	7,401,208	5,091,641	80,209,194
Alabama	1908	69,065,372	59,477,911	643,700,335	59,477,911	.....	.....	597,722	9,587,461
	1907	69,785,579	60,967,625	532,003,709	60,967,625	.....	.....	494,003	8,817,954
	1906	68,132,907	60,425,564	603,651,989	60,425,564	.....	.....	560,534	7,707,343
	1905	73,499,641	64,819,516	592,500,147	64,819,516	.....	.....	592,500	8,680,125
	1904	68,781,860	59,954,793	692,318,628	59,954,793	.....	.....	692,319	8,827,067
	1903	64,901,842	57,392,656	471,979,076	57,392,656	.....	.....	471,979	7,509,186
	1902	44,615,918	37,523,134	457,599,195	37,523,134	.....	.....	457,599	7,092,784
Arkansas	1908	52,136,939	45,706,389	494,657,891	45,706,389	.....	.....	459,325	6,430,550
	1907	47,888,048	42,501,929	370,871,979	42,501,929	.....	.....	344,381	5,386,119
	1906	50,693,030	45,144,235	450,991,361	45,144,235	.....	.....	418,777	5,548,795
	1905	36,870,676	32,424,856	296,388,081	32,424,856	.....	.....	296,388	4,445,820
	1904	45,175,356	38,581,704	445,516,217	38,581,704	.....	.....	445,516	6,593,652
	1903	49,299,610	42,798,835	351,964,105	42,798,835	.....	.....	351,964	6,500,775
	1902	45,689,293	38,132,539	465,030,957	38,132,539	.....	.....	465,031	7,556,754
Florida	1908	4,450,932	3,888,452	16,949,135	1,566,100	12,959,554	2,322,352	35,177	562,480
	1907	4,658,454	4,148,231	13,083,265	1,499,342	10,914,253	2,648,889	28,520	510,223
	1906	4,833,766	4,377,039	17,876,133	1,789,401	9,031,896	2,587,638	30,147	456,727
	1905	5,187,225	4,656,617	17,481,909	1,912,521	15,680,548	2,744,096	33,163	530,608
	1904	5,444,924	4,949,169	22,945,210	1,987,055	15,190,326	2,962,114	38,136	495,755
	1903	4,653,204	4,243,339	14,882,622	1,809,727	10,355,794	2,433,612	25,238	409,865
	1902	4,211,057	3,722,852	16,558,362	1,357,786	11,825,332	2,365,066	28,384	488,205
Georgia	1908	101,867,948	86,785,141	904,958,394	83,618,155	17,672,915	3,166,986	866,828	15,082,807
	1907	116,790,680	101,684,342	849,882,012	97,396,479	17,667,337	4,287,863	815,677	15,106,338
	1906	88,789,978	78,002,224	750,762,910	75,151,367	9,950,634	2,850,857	712,063	10,787,754
	1905	102,777,033	89,509,581	780,577,188	85,395,145	23,511,064	4,114,436	804,088	13,267,452
	1904	91,955,221	80,236,163	880,487,093	76,250,183	20,978,844	3,985,980	901,466	11,719,058
	1903	84,744,133	74,906,266	591,713,311	71,952,339	14,066,321	2,953,927	605,780	9,837,867
	1902	69,005,797	57,900,477	658,202,602	53,972,614	23,105,075	3,927,863	681,308	11,105,320

TABLE 10.—NET WEIGHT AND ESTIMATED VALUE OF UPLAND AND OF SEA-ISLAND COTTON AND THE QUANTITY AND VALUE OF COTTONSEED, BY STATES: 1902 TO 1908—Continued.

STATE.	Growth year.	Aggregate value of cotton crop.	COTTON.					COTTONSEED.	
			Total value.	Upland.		Sea-island.		Quantity (tons).	Value.
				Quantity (pounds).	Value.	Quantity (pounds).	Value.		
Louisiana	1908	$24,221,407	$20,788,884	224,987,922	$20,788,884	.....	.....	208,918	$3,432,523
	1907	41,874,055	37,068,375	323,458,773	37,068,375	.....	.....	300,355	4,805,680
	1906	52,818,373	47,369,553	473,222,310	47,369,553	.....	.....	439,421	5,448,820
	1905	30,806,017	26,875,425	245,662,019	26,875,425	.....	.....	245,662	3,930,592
	1904	52,409,183	45,147,070	521,328,755	45,147,070	.....	.....	521,329	7,262,113
	1903	55,448,886	48,048,064	395,132,107	48,048,064	.....	.....	395,132	7,400,822
	1902	40,366,447	34,660,199	422,685,357	34,660,199	.....	.....	422,685	5,706,248
Mississippi	1908	84,725,223	73,211,017	792,327,028	73,211,017	.....	.....	735,732	11,514,206
	1907	90,604,269	80,494,766	702,397,613	80,494,766	.....	.....	652,226	10,109,503
	1906	81,786,032	73,348,874	732,755,978	73,348,874	.....	.....	680,416	8,437,158
	1905	71,641,190	62,750,576	573,588,449	62,750,576	.....	.....	573,588	8,890,614
	1904	87,918,263	74,512,842	860,425,423	74,512,842	.....	.....	860,425	13,405,421
	1903	96,240,594	83,395,260	685,816,285	83,395,260	.....	.....	685,816	12,845,334
	1902	66,751,272	56,662,570	691,006,945	56,662,570	.....	.....	691,007	10,088,702
North Carolina	1908	33,875,637	28,499,759	308,438,946	28,499,759	.....	.....	286,408	5,375,878
	1907	38,663,740	33,075,857	288,620,047	33,075,857	.....	.....	268,004	5,587,883
	1906	32,650,649	27,649,172	276,215,506	27,649,172	.....	.....	256,486	5,001,477
	1905	37,314,373	32,295,820	295,208,595	32,295,820	.....	.....	295,209	5,018,553
	1904	34,058,487	29,044,466	335,386,447	29,044,466	.....	.....	335,386	5,014,021
	1903	35,374,801	30,659,839	252,136,834	30,659,839	.....	.....	252,137	4,714,962
	1902	26,020,846	21,509,166	262,306,907	21,509,166	.....	.....	262,307	4,511,680
Oklahoma	1908	34,948,317	30,546,310	330,587,766	30,546,310	.....	.....	306,974	4,402,007
	1907	53,969,030	47,313,727	412,859,743	47,313,727	.....	.....	383,370	6,655,303
	1906	48,338,669	43,047,572	430,045,670	43,047,572	.....	.....	399,328	5,291,097
	1905	39,312,536	35,494,940	324,451,002	35,494,940	.....	.....	324,451	3,817,596
	1904	38,173,434	33,346,638	385,065,107	33,346,638	.....	.....	385,065	4,826,796
	1903	31,177,275	27,165,065	223,396,911	27,165,065	.....	.....	223,397	4,012,210
	1902	25,840,039	21,530,901	262,571,967	21,530,901	.....	.....	262,572	4,309,138
South Carolina	1908	61,964,522	52,329,480	553,762,491	51,167,654	4,967,190	$1,161,826	521,659	9,635,042
	1907	72,657,817	62,321,155	529,590,430	60,691,063	4,580,196	1,630,092	498,633	10,336,662
	1906	49,888,619	42,579,831	415,386,362	41,580,175	2,723,859	999,656	389,802	7,308,788
	1905	65,863,633	56,984,989	510,321,386	55,829,160	4,382,292	1,155,829	514,704	8,878,644
	1904	56,433,286	48,317,466	545,511,764	47,241,319	3,968,094	1,076,147	549,480	8,115,820
	1903	53,195,302	46,255,893	372,563,172	45,303,682	3,352,856	952,211	375,916	6,939,409
	1902	44,551,656	36,992,652	437,614,307	35,884,373	4,433,116	1,108,279	442,047	7,559,004
Tennessee	1908	17,481,097	15,236,387	164,895,960	15,236,387	.....	.....	153,118	2,244,710
	1907	16,996,286	15,099,861	131,761,443	15,099,861	.....	.....	122,350	1,896,425
	1906	16,338,825	14,671,600	146,569,434	14,671,600	.....	.....	136,100	1,667,225
	1905	16,634,965	14,593,945	133,399,866	14,593,945	.....	.....	133,400	2,041,020
	1904	16,132,779	13,650,217	157,623,751	13,650,217	.....	.....	157,624	2,482,562
	1903	16,648,953	14,513,453	119,354,054	14,513,453	.....	.....	119,354	2,135,500
	1902	14,644,721	12,476,541	152,152,934	12,476,541	.....	.....	152,153	2,168,180
Texas	1908	192,609,640	168,957,433	1,828,543,645	168,957,433	.....	.....	1,697,933	23,652,207
	1907	144,075,730	126,308,742	1,102,170,525	126,308,742	.....	.....	1,023,444	17,766,988
	1906	223,546,247	200,318,247	2,001,181,289	200,318,247	.....	.....	1,858,240	23,228,000
	1905	148,874,464	133,334,968	1,218,783,987	133,334,968	.....	.....	1,218,784	15,539,496
	1904	152,163,661	130,469,039	1,506,570,885	130,469,039	.....	.....	1,506,571	21,694,622
	1903	165,393,830	144,109,272	1,185,109,149	144,109,272	.....	.....	1,185,109	21,284,558
	1902	117,417,678	98,247,438	1,198,139,484	98,247,438	.....	.....	1,198,140	19,170,240
All other states [1]	1908	3,883,922	3,387,665	36,663,039	3,387,665	.....	.....	34,044	496,257
	1907	2,992,323	2,645,826	23,087,491	2,645,826	.....	.....	21,439	346,497
	1906	3,830,142	3,377,627	33,742,530	3,377,627	.....	.....	31,332	452,515
	1905	3,516,579	3,092,584	28,268,595	3,092,584	.....	.....	28,268	423,995
	1904	3,385,182	2,890,819	33,381,284	2,890,819	.....	.....	33,381	494,363
	1903	3,470,800	3,011,882	24,768,774	3,011,882	.....	.....	24,769	458,918
	1902	2,782,411	2,329,472	28,408,208	2,329,472	.....	.....	28,408	452,939

[1] Includes Arizona, Kansas, Kentucky, Missouri, New Mexico, and Virginia.

The statistics in Table 10 are based upon net weight. In ascertaining the quantity of lint cotton produced, 22, 3, and 10 pounds per bale for square, round, and sea-island bales, respectively, have been deducted to cover the weight of bagging and ties. In computing the value of the crops, the quantity of cotton returned by the ginners has been multiplied by the average prices given in Table 9.

The values of the cotton and of the seed combined constitute the total value of the cotton crops, which appears in the first column of the table. The estimated value of the crop of 1908, as shown in the table, is $681,230,956, compared with $700,956,011 for 1907, with $721,647,237 for 1906, and with $632,298,332 for 1905. The value of the crop of 1908 is less than that of 1907 by $19,725,055, notwithstanding the fact that the crop of 1908 was 2,211,845 bales larger than that of 1907, and that the spinning qualities of this crop were superior. The value of the crops of the five-year period ending with 1908 is $3,388,164,172, compared with $1,529,502,325 for the five-year period ending with 1899. The average value of a 500-pound bale of upland cotton for the later period is $49.85, not including the value of the seed, compared with $31.75 for the earlier period, an increase of $18.10 per bale. The statistics in Table 10 endeavor to state the value of the cotton crop to the growers, and the value of linters is therefore included in that of the seed.

Estimated seed production.—In estimating the quantity of seed produced, it has generally been assumed

that upland cotton on an average thirds itself at the gin; that is, that one-third of the cotton's weight before it is ginned is lint and the remaining two-thirds seed. Greater care than heretofore is now being exercised in selecting seed for planting, and this, with improved methods of ginning, tends to the production of more lint than formerly. In view of these conditions averages of 35 per cent lint for upland and of 25 per cent lint for sea-island cotton have been used in estimating the quantity of seed produced in 1908. Upon this basis the quantity of seed grown in 1908 is estimated at 5,903,838 tons. Only relative accuracy can be claimed for these figures, as different seasons and different localities in the same season present conditions which demand separate consideration. The character of soil, methods of cultivation, and weather conditions during the growing and maturing periods materially affect the result.

Number of ginneries.—Information as to the number of ginneries, both active and idle, reported for each year from 1904 to 1908, inclusive, and the average number of running bales ginned per active establishment, are shown, by states, in Table 11.

The number of establishments which ginned cotton from the growth of 1908 is 27,598, compared with 27,592 for 1907. This is the first season since the inauguration of these reports that a decrease has not been indicated in the number of active ginneries. It may be that this points to a relatively more stable condition in the industry than has heretofore obtained during the decade. The result of the endeavors to consolidate and enlarge these establishments is illustrated by the fact that the cotton crop of 1899 was ginned in 29,620 establishments, an average of 326 bales per ginnery, while the crop of 1908 was handled by 27,598 ginneries, an average of 478 bales per ginnery.

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. There were 2,747 ginneries returned as having been idle this season, thus making the total number of ginneries in the country 30,345.

It is interesting to observe that Texas and Oklahoma, with 5,156 establishments, or 18.7 per cent of the total for the country, ginned 34 per cent of the total crop. Texas has returned 15.1 per cent of the total number of active establishments, with 28.8 per cent of the total production; Georgia, with 16.2 per cent of the total active establishments, ginned 14.6 per cent of the total production.

TABLE 11.—*Number of active and idle ginneries, and average number of running bales, excluding linters, ginned per active establishment, by states: 1904 to 1908.*

STATE.	Growth year.	NUMBER OF GINNERIES.			Average number of bales ginned per active establishment.
		Total.	Active.	Idle.	
United States	1908	30,345	27,598	2,747	478
	1907	30,822	27,592	3,230	404
	1906	31,325	28,709	2,616	457
	1905	31,441	29,038	2,403	366
	1904	32,855	30,337	2,518	448
Alabama	1908	3,762	3,490	272	384
	1907	3,857	3,460	397	324
	1906	3,984	3,658	326	343
	1905	4,020	3,736	284	333
	1904	4,239	3,912	327	374
Arkansas	1908	2,340	2,128	212	471
	1907	2,381	2,115	266	357
	1906	2,487	2,312	175	389
	1905	2,521	2,306	215	260
	1904	2,631	2,451	180	368
Florida	1908	301	258	43	274
	1907	304	259	45	219
	1906	309	276	33	223
	1905	311	292	19	270
	1904	311	279	32	314
Georgia	1908	4,950	4,475	475	442
	1907	5,106	4,567	539	408
	1906	5,135	4,586	549	357
	1905	5,185	4,779	406	362
	1904	5,465	4,980	485	395
Louisiana	1908	2,011	1,708	303	280
	1907	2,125	1,874	251	364
	1906	2,225	2,076	149	471
	1905	2,254	2,079	175	252
	1904	2,396	2,240	156	495
Mississippi	1908	3,896	3,491	405	464
	1907	3,987	3,541	446	408
	1906	4,152	3,780	372	393
	1905	4,215	3,885	330	301
	1904	4,442	4,084	358	435
North Carolina	1908	3,034	2,788	246	245
	1907	3,039	2,754	285	232
	1906	3,039	2,792	247	219
	1905	3,044	2,834	210	230
	1904	3,183	2,947	236	254
Oklahoma	1908	1,057	987	70	722
	1907	1,051	971	80	897
	1906	987	939	48	950
	1905	891	848	43	809
	1904	848	809	39	1,017
South Carolina	1908	3,481	3,241	240	375
	1907	3,437	3,192	245	365
	1906	3,394	3,146	248	290
	1905	3,392	3,170	222	351
	1904	3,453	3,247	206	367
Tennessee	1908	761	657	104	509
	1907	784	673	111	396
	1906	833	702	131	417
	1905	847	734	113	367
	1904	894	762	132	421
Texas	1908	4,507	4,169	338	887
	1907	4,501	3,995	506	563
	1906	4,532	4,232	300	952
	1905	4,523	4,165	358	604
	1904	4,753	4,416	337	711
All other states[1]	1908	245	206	39	357
	1907	250	191	59	241
	1906	248	210	38	325
	1905	238	210	28	273
	1904	240	210	30	327

[1] Includes Arizona, Kansas, Kentucky, Missouri, New Mexico, and Virginia.

Ginning machinery.—From inquiries made during the season of 1906–7 it was learned that the total number of gin stands or machines in the establishments

which ginned upland cotton from the growth of 1906 was 54,553, and the total number of saws, 3,597,400, an average of 126 saws per establishment. In active establishments 209 gins, with 13,445 saws, were returned as not having been operated, it being the practice of some ginners to keep in reserve one or more gins to provide against emergencies arising from breakdowns or other causes. The average quantity of cotton ginned per active saw during that season was 1,760 pounds. Operated under perfect conditions the average yield of lint cotton per saw is about 6 pounds per hour. Upon this basis the present saw capacity of the ginneries reported as active this season, operated by steampower and on an average of ten hours per day, is sufficient to handle a crop of the size of that of 1908 in about thirty working days. The necessity of the ginning season extending over a period of four to six months is not due as a rule, therefore, to insufficient ginning facilities, but to lack of uniformity in the maturing of the cotton and to the slow process of harvesting the crop by hand.

Classification of ginneries according to power used.—Of the total number of active ginneries equipped with saw gins, 25,692, or 90 per cent, used steampower; 1,825, or 6 per cent, waterpower; 481, animal power; 438, gasoline; and 50, electricity. The states showing the largest percentage of ginneries using waterpower are Florida, 19 per cent; Alabama, about 12 per cent; and Georgia, North Carolina, and South Carolina, each 10 per cent. Some idea of the extremes existing in the equipments for ginning is afforded by the fact that an establishment with 1 gin and a product of 72 bales was operated by oxtread power; on the other hand, ginneries were returned with an average of 16 stands, 1,156 saws, and an average product of 4,120 bales.

Acreage and production, by states.—Table 12 shows, by states, the cotton acreage and the production for selected years.

TABLE 12.—COTTON ACREAGE HARVESTED AND PRODUCTION, BY STATES, FOR SELECTED YEARS.[1]

[Running bales, counting round as half bales and including linters.]

GROWTH YEAR.	United States.	Alabama.	Arkansas.	Florida.	Georgia.	Louisiana.	Mississippi.	Missouri.[2]	North Carolina.	Oklahoma.	South Carolina.	Tennessee.	Texas.	Virginia.
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	13,432,131	1,360,601	1,020,704	71,923	2,026,999	481,979	1,668,461	65,683	701,356	705,200	1,242,012	349,525	3,724,575	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	11,325,882	1,133,285	770,214	57,736	1,901,576	679,782	1,478,689	40,751	652,930	870,238	1,186,672	277,114	2,267,293	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	13,305,265	1,263,674	916,106	62,830	1,667,866	979,270	1,521,491	57,476	626,642	893,062	931,726	304,054	4,066,472	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	10,725,602	1,249,685	615,337	80,180	1,759,083	523,871	1,198,568	44,205	664,934	675,562	1,129,426	278,364	2,490,128	16,259
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	13,697,310	1,471,170	916,945	89,002	1,992,757	1,107,271	1,808,617	53,394	758,846	811,552	1,208,180	329,627	3,132,503	17,446
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	10,015,721	1,000,735	733,859	59,317	1,327,596	836,334	1,441,718	38,623	563,694	464,412	829,777	251,016	2,454,616	14,024
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,[illegible]0,531	36,843
Bales	10,784,473	977,045	967,748	68,217	1,499,862	886,365	1,451,750	44,592	576,670	538,352	961,822	319,244	2,475,881	16,925
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	9,748,546	1,123,764	727,265	57,644	1,393,054	852,448	1,280,307	30,851	456,363	374,627	741,233	205,287	2,491,394	14,309
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	10,245,602	1,038,392	812,529	55,896	1,272,838	720,088	1,061,973	27,830	513,677	349,355	787,231	225,350	3,368,310	12,133
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	9,507,786	1,095,329	711,739	56,875	1,300,184	713,929	1,257,772	20,366	477,070	212,010	881,192	215,668	2,556,413	9,239
1898:														
Acres	24,967,295	3,003,176	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] Census statistics of acreage prior to 1879 are not available. The statistics of acreage and production for census years and for production since 1898 are Census figures, while the others are as published by the United States Department of Agriculture.

[2] Includes statistics for other cotton producing localities not named; also for Oklahoma and Virginia for 1893, and for Oklahoma in 1884.

[3] Included with Missouri.

[4] The statistics of bales for 1849, 1859, and 1869 are in equivalent bales of 400 pounds each, as expressed in the Census reports for those years; those for 1839 are in equivalent bales of 383 pounds, net weight.

The statistics in Table 12 are interesting as showing the increase in acreage and production for a series of years. The acreage harvested increased 124 per cent between 1879 and 1908, and the production 133 per cent. The largest production per acre for the whole country during the years covered by the table was forty-six one-hundredths of a bale in 1904; and the smallest for any year shown in the table was thirty-three one-hundredths in 1884. In 1839 Delaware, Maryland, Indiana, and Illinois all produced cotton, Illinois alone contributing more than 5,000 bales. Stimulated by the high prices following the Civil War, cotton was cultivated to a limited extent in West Virginia, Nevada, California, Indiana, Illinois, and Utah, from all of which states it has since disappeared. New Mexico, which produced more than 7,000 pounds of cotton in 1859, afterwards abandoned its culture, but has again established the industry, having produced 478 bales, equivalent to 240,316 pounds, in 1908.

Cotton industry and trade for the United States.—A complete record of the cotton industry in the United States covering annual statistics of production, value of lint per pound, consumption, and exports and imports since 1790 is given in Table 13. Because of the varying weight of the bale and the different methods of collecting and compiling statistics employed by the several authorities consulted for the compilation, it has been an extremely difficult undertaking. It is believed, however, that the figures very closely approach the facts. Certainly an extremely interesting record of the American cotton industry is presented, and because of the world's dependence on this source for its most important textile fiber, the statistics carry unusual interest.

TABLE 13.—PRODUCTION, CONSUMPTION, EXPORTS, AND IMPORTS OF COTTON FOR THE UNITED STATES: 1790 TO 1908.[1]

YEAR.	PRODUCTION.				Consumption (500-pound bales).	Exports of domestic cotton (500-pound bales).	Net imports (500-pound bales).
	Running bales, counting round as half bales (number).	Equivalent 500-pound bales, gross weight (number).	Average net weight of bale (lbs.).	Value of lint per pound, upland cotton (cents).			
1908	13,432,131	13,587,306	484	9.2	.....	.....	.....
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	490	10.0	4,974,199	8,825,237	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	9,119,614	130,182
1903	10,015,721	10,045,615	480	12.2	3,980,567	6,290,245	100,298
1902	10,784,473	10,827,168	481	8.2	4,187,076	6,960,880	149,113
1901	9,748,546	9,675,771	489	8.1	4,080,287	6,928,697	190,080
1900	10,245,602	10,266,527	480	9.3	3,603,516	6,860,917	116,610
1899	9,507,786	9,459,935	476	7.6	3,687,253	6,221,541	134,778
1898	11,189,205	11,435,368	489	4.9	3,672,097	7,655,281	103,223
1897	10,897,857	10,985,040	482	5.6	3,472,398	7,839,467	105,802
1896	8,532,705	8,515,640	477	7.3	2,841,394	6,126,185	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	2,518,408	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	4,200,647	8,270
1884	5,682,000	5,477,448	460	10.5	1,687,108	3,730,170	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
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

YEAR.	PRODUCTION.				Consumption (500-pound bales).	Exports of domestic cotton (500-pound bales).	Net imports (500-pound bales).
	Running bales, counting round as half bales (number).	Equivalent 500-pound bales, gross weight (number).	Average net weight of bale (lbs.).	Value of lint per pound, upland cotton (cents).			
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	[2] 3,011,996	2,409,597	440	24.0	796,617	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	[3] 1,036
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	[2] 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	2,016,849	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	[2] 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	[3] 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

[1] *Production.*—The production statistics relate, when possible, to the year of growth, but when figures for the growth year are wanting, a commercial crop which represents the trade movement is taken. The statistics of production have been compiled from publications of the United States Department of Agriculture for 1790 to 1898. Census figures have, however, been used when available, including those for 1899 to 1908.

Value of lint.—The value of lint per pound shown since 1902 relates to the average grade of upland cotton marketed prior to April 1 of the following year; from 1890 to 1901, the average price of middling cotton on the New Orleans Cotton Exchange; and from 1790 to 1889, as published in reports of the United States Department of Agriculture.

Consumption.—Compiled from publications of the United States Department of Agriculture for 1790 to 1894; from the reports of Latham, Alexander & Company, for 1895 to 1903. Census figures have been taken when available.

Domestic exports and net imports.—Compiled from American state papers for 1790 to 1819 and from "Commerce and Navigation of the United States," Bureau of Statistics, Department of Commerce and Labor, for 1820 to 1905. The export year begins October 1 for 1790 to 1842, July 1 for 1843 to 1866, and September 1 for 1867 to 1907. The period for consumption, exports, and imports is designated by the year in which the record begins rather than that in which it ends.

[2] Equivalent bales of 400 pounds.

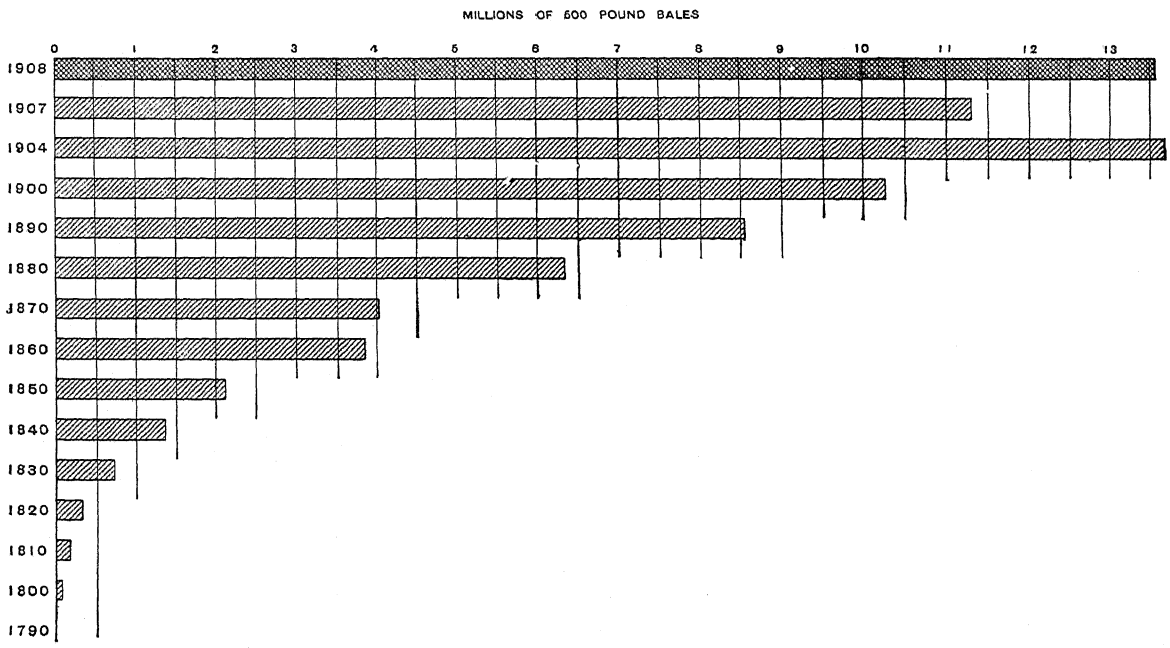
[3] Excess of foreign exports over total imports.

TABLE 13.—PRODUCTION, CONSUMPTION, EXPORTS, AND IMPORTS OF COTTON FOR THE UNITED STATES: 1790 TO 1908—Continued.

YEAR.	PRODUCTION.				Consumption (500-pound bales).	Exports of domestic cotton (500-pound bales).	Net imports (500-pound bales).	YEAR.	PRODUCTION.				Consumption (500-pound bales).	Exports of domestic cotton (500-pound bales).	Net imports (500-pound bales).
	Running bales, counting round as half bales (number).	Equivalent 500-pound bales, gross weight (number).	Average net weight of bale (lbs.).	Value of lint per pound, upland cotton (cents).					Running bales, counting round as half bales (number).	Equivalent 500-pound bales, gross weight (number).	Average net weight of bale (lbs.).	Value of lint per pound, upland cotton (cents).			
1838...	1,360,532	1,092,980	384	13.4	221,738	827,248	319	1813...	304,878	156,904	246	15.5	.....	35,458	101
1837...	1,801,497	1,428,384	379	10.1	195,100	1,191,905	355	1812...	304,878	156,904	246	12.5	.....	38,220	3,133
1836...	1,423,930	1,129,016	379	13.2	176,449	888,423	[1] 510	1811...	325,203	167,364	246	10.5	.....	57,775	897
1835...	1,360,725	1,061,821	373	16.5	184,731	847,263	427	1810...	286,195	177,824	297	15.5	35,565	124,116	431
1834...	1,253,406	962,343	367	17.4	166,523	774,718	1,574	1809...	328,000	171,548	250	16.0	33,473	186,523	[1] 560
1833...	1,225,895	930,962	363	12.9	149,159	769,436	308	1808...	334,821	156,904	224	16.0	.....	101,981	[1] 1,601
1832...	1,114,286	815,900	350	12.3	142,352	649,397	69	1807...	289,855	167,364	276	19.0	.....	21,261	6,297
1831...	1,069,444	805,439	360	9.4	130,895	644,430	22	1806...	285,714	167,364	280	21.5	.....	127,889	1,485
1830...	1,026,393	732,218	341	9.7	129,938	553,960	22	1805...	304,348	146,444	230	22.0	.....	71,315	961
1829...	1,076,696	763,598	339	10.0	89,723	596,918	378	1804...	261,044	135,983	249	23.0	23,013	76,780	456
1828...	953,079	679,916	341	9.9	84,788	529,674	[1] 40	1803...	222,222	125,523	270	20.0	.....	70,068	183
1827...	805,970	564,854	335	10.3	84,516	421,181	597	1802...	231,092	115,063	238	19.0	.....	75,424	[1] 1,153
1826...	1,057,402	732,218	331	9.3	103,535	588,620	74	1801...	210,526	100,418	228	19.0	.....	47,768	[1] 170
1825...	817,308	533,473	312	12.2	.....	409,071	79	1800...	153,509	73,222	228	44.0	18,829	41,822	8,696
1824...	751,748	449,791	286	18.6	.....	352,900	26	1799...	88,889	41,841	225	28.0	16,737	35,580	8,870
1823...	656,028	387,029	282	14.7	.....	286,739	932	1798...	66,667	31,381	225	44.0	.....	19,065	7,532
1822...	704,698	439,331	298	11.4	.....	347,447	110	1797...	48,889	23,013	225	39.0	.....	18,720	7,761
1821...	636,042	376,509	283	14.3	.....	289,350	[1] 196	1796...	44,444	20,921	225	34.0	.....	7,577	7,336
1820...	575,540	334,728	278	14.3	100,000	249,787	427	1795...	35,556	16,736	225	36.5	.....	12,213	8,737
1819...	632,576	349,372	264	17.0	.....	255,720	[1] 4,571	1794...	35,556	16,736	225	36.5	.....	9,414	8,592
1818...	446,429	261,506	280	24.0	.....	175,994	[1] 4,454	1793...	22,222	10,460	225	33.0	.....	3,565	5,127
1817...	465,950	271,967	279	34.0	.....	184,942	3,086	1792...	13,333	6,276	225	32.0	.....	1,097	5,503
1816...	439,716	259,414	282	26.0	.....	171,299	2,048	1791...	8,889	4,184	225	29.0	.....	277	1,112
1815...	369,004	209,205	271	29.0	.....	163,894	[1] 44	1790...	6,667	3,138	225	26.0	11,000	379	697
1814...	254,545	146,444	275	21.0	51,778	165,997	[1] 266								

[1] Excess of foreign exports over total imports.

DIAGRAM 1.—COTTON PRODUCTION IN SPECIFIED YEARS: 1790 TO 1908.



Cotton producing area and center of production.—The cotton producing area of the United States, as shown by the returns of ginners, is indicated on Map 1, page 24. Localities producing upland cotton only, are represented by horizontal lines, and those producing sea-island, or both sea-island and upland, by intercrossed lines. On pages 53 to 63, inclusive, will be found maps of the principal cotton-producing states upon which the crop of 1908, expressed in 500-pound bales, is shown by counties.

The centers of cotton production in the United States for the crops of 1859, 1879, 1899, 1906, and 1908 have also been indicated on Map 1. The center of production in 1859 was approximately 13 miles southeast of Macon, in Noxubee county, Mississippi; in 1879 it was 11 miles south of Columbus, in Lowndes county; in 1899 it was 6 miles north of Yazoo City, in Yazoo county; in 1906 it was 5 miles northeast of Mayersville, in Issaquena county; and in 1908 it was 4 miles west of Lexington, in Holmes county. Notwithstanding the fact that the production west of the Mississippi river increased from 4,306,466 to 6,232,128 bales from 1899 to 1908, the center of production is now east of where it was in 1899.

Cottonseed products.—The estimated quantity of seed produced, the quantity utilized for manufacturing purposes, and the quantity of products obtained, together with the exports of cottonseed and its products, are presented in the following table:

TABLE 14.—PRODUCTION, MANUFACTURE, AND EXPORTS OF COTTONSEED AND ITS PRODUCTS FOR THE UNITED STATES: 1872 TO 1909.[1]

YEAR ENDED JUNE 30—	PRODUCTION AND MANUFACTURE.						EXPORTS.					
	Cottonseed.		Cottonseed products.				Cottonseed.		Cottonseed products.			
									Oil.		Cake and meal.	
	Produced (tons).	Manufactured (tons).	Oil produced (gallons).	Cake and meal produced (tons).	Hulls (tons).	Linters (pounds).	Quantity (tons).	Value.	Quantity (gallons).	Value.	Quantity (tons).	Value.
1909	5,903,838	3,669,747	146,789,880	1,491,752	1,330,283	165,138,628	.....	.....	.....	.....	.....	.....
1908	4,952,402	2,564,873	103,049,820	1,043,080	926,705	128,243,639	14,239	$353,213	41,019,991	$17,226,451	464,644	$11,889,415
1907	5,912,646	3,843,981	153,759,240	1,785,804	1,592,506	153,759,233	8,814	209,493	41,880,304	17,074,403	670,484	17,062,594
1906	5,060,205	3,131,175	125,700,928	1,271,740	1,135,080	109,698,379	11,859	268,330	43,793,519	13,673,370	555,417	13,073,100
1905	6,426,698	3,345,370	133,817,772	1,360,172	1,213,344	117,792,969	10,551	235,833	51,535,580	15,125,802	625,954	13,897,178
1904	4,716,591	3,241,426	121,877,618	1,155,568	1,528,332	97,242,787	6,430	141,174	29,013,743	10,717,280	410,175	9,134,088
1903	5,091,641	3,268,834	122,908,158	1,165,339	1,541,255	75,183,182	25,811	532,732	35,642,994	14,211,244	550,196	12,732,497
1902	4,630,311	3,154,417	118,606,079	1,124,550	1,487,308	72,551,591	28,202	509,627	33,042,848	12,992,393	525,233	12,271,009
1901	4,830,280	2,415,140	96,605,600	845,299	1,138,739	55,548,220	21,665	366,953	49,356,741	16,541,321	629,344	13,119,968
1900	4,668,346	2,479,386	93,325,729	884,391	1,169,286	57,272,053	24,928	346,230	46,902,390	14,127,538	571,852	11,229,188
1899	5,471,521	2,352,754	94,110,000	823,400	.....	.....	17,222	197,023	50,627,219	12,077,519	539,997	9,253,398
1898	5,252,767	2,101,106	84,044,000	735,300	.....	.....	16,382	197,258	40,230,784	10,137,619	459,864	8,040,710
1897	4,070,100	1,628,040	65,122,000	569,800	.....	.....	13,283	170,604	27,198,882	6,897,361	311,693	5,515,800
1896	3,415,842	1,434,653	57,386,120	502,128	.....	.....	13,490	179,621	19,445,848	5,476,510	202,469	3,740,232
1895	4,792,205	1,677,271	67,090,840	587,044	.....	.....	5,526	86,695	21,187,728	6,813,313	244,858	4,310,128
1894	3,578,613	1,431,445	57,258,000	501,000	.....	.....	2,710	41,866	14,958,309	6,008,405	(2)	(2)
1893	3,182,673	1,050,282	42,011,000	367,600	.....	.....	2,260	35,809	9,462,074	3,927,556	.....	.....
1892	4,273,734	1,068,433	42,737,000	374,000	.....	.....	6,075	86,549	13,859,278	4,982,285	.....	.....
1891	4,092,678	1,023,169	40,927,000	358,100	.....	.....	5,054	85,315	11,003,160	3,975,305	.....	.....
1890	3,494,811	873,702	34,948,000	305,800	.....	.....	3,830	74,575	13,384,385	5,291,178	.....	.....
1889	3,309,564	794,295	31,772,000	278,000	.....	.....	5,687	119,279	2,690,700	1,298,609	.....	.....
1888	3,290,871	822,717	32,909,000	287,900	.....	.....	3,109	84,195	4,458,597	1,925,739	.....	.....
1887	3,018,360	694,222	27,769,000	243,000	.....	.....	5,616	121,441	4,067,138	1,578,935	.....	.....
1886	3,044,544	578,463	23,138,000	202,400	.....	.....	5,897	112,782	6,240,139	2,115,974	.....	.....
1885	2,624,835	498,718	19,949,000	174,500	.....	.....	5,523	114,389	6,364,279	2,614,592	.....	.....
1884	2,639,498	395,924	15,837,000	138,500	.....	.....	2,837	65,073	3,605,946	1,570,871	.....	.....
1883	3,266,385	391,966	15,679,000	137,200	.....	.....	5,900	108,494	415,611	216,779	.....	.....
1882	2,455,221	294,626	11,785,000	103,100	.....	.....	5,951	114,683	713,549	330,260	.....	.....
1881	3,038,695	182,321	7,293,000	63,800	.....	.....	5,814	147,543	3,444,084	1,465,255	.....	.....
1880	2,615,608	235,404	9,416,000	82,400	.....	.....	6,071	134,116	6,997,796	3,225,414	.....	.....
1879	2,268,147	181,451	7,258,000	63,500	.....	.....	8,199	141,188	5,352,530	2,232,880	.....	.....
1878	2,148,239	150,376	6,015,000	52,600	.....	.....	8,379	179,602	4,992,349	2,514,323	.....	.....
1877	1,968,590	98,429	3,937,000	34,400	.....	.....	5,155	130,062	1,705,422	842,248	.....	.....
1876	2,056,746	123,404	4,936,000	43,200	.....	.....	2,582	69,605	281,054	146,135	.....	.....
1875	1,686,516	84,325	3,373,000	29,500	.....	.....	2,658	63,128	417,387	216,640	.....	.....
1874	1,851,652	74,066	2,963,000	25,900	.....	.....	3,152	63,557	782,067	372,327	.....	.....
1873	1,745,145	52,354	2,094,000	18,300	.....	.....	2,003	45,486	709,576	370,506	.....	.....
1872	1,317,637	52,705	2,108,000	18,400	.....	.....	3,180	72,212	547,165	293,546	.....	.....

[1] Statistics of the quantity of seed produced and manufactured and of cottonseed products relate to the seed crop of the year previous, while the statistics of exports are for the year ending June 30.
[2] Not shown separately.

The Bureau of the Census does not claim accuracy for the statistics in this table regarding the present status of the cottonseed products industry except for the quantity of linters, but presents the estimates of the other items as approximately correct and as an interesting source of reference. The figures shown in Table 1 for the quantity of linters saved were secured from the cottonseed-oil mills at the time of the final canvass of the ginneries for the cotton crop of 1908. The statistics of the amount of seed produced in 1908 are taken from Table 10, in connection with which a full account of how the seed crop was computed is given on page 18. The estimated quantities of products for 1909 shown in the table have been computed on the basis of an average of 45 pounds of linters, 40 gallons of crude oil, 813 pounds of meal, and 725 pounds of hulls obtained per ton of seed worked. Except for linters, these proportions are the same as those computed from the returns of manufacturers of cottonseed products at the census of 1905. The number of establishments engaged in delinting the seed of the growth of 1908 is 807. The average crush per establishment is 4,547 tons and the average cost per ton, $15.57. The value of the products estimated from data furnished by manufacturers is $86,092,583, distributed as follows: Oil, $44,094,511; meal and cake, $33,576,662; hulls, $6,079,623; and linters, $2,341,787.

COTTON PRODUCING AREA OF THE UNITED STATES: 1908.

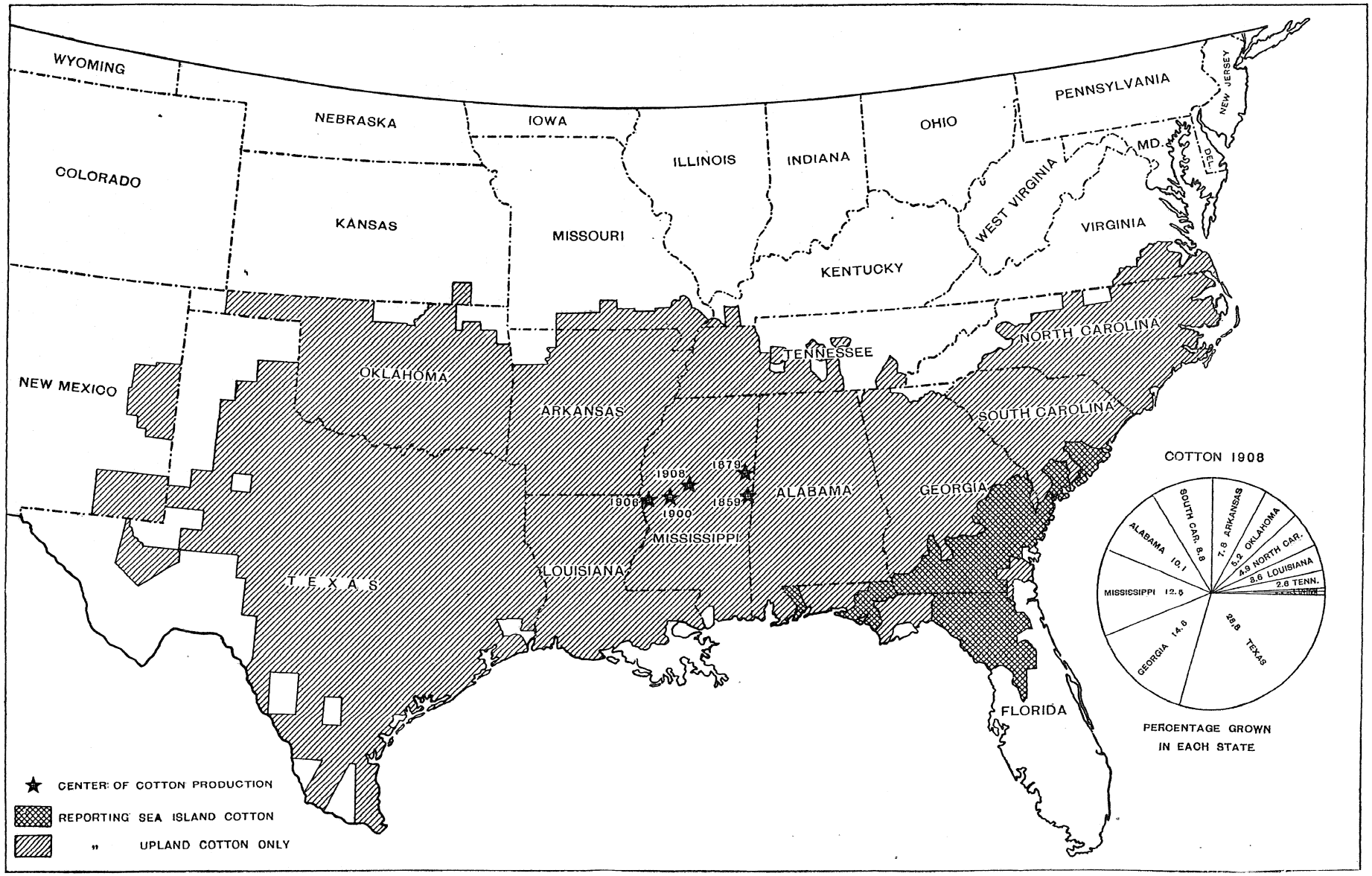


TABLE 15.—QUANTITY OF SEA-ISLAND COTTON GINNED FROM THE CROPS OF 1904 TO 1908, BY COUNTIES.

[Quantity of cotton shown in this table also included in Table 16.]

FLORIDA.

COUNTY.	SEA-ISLAND CROP (BALES)—					NUMBER OF BALES GINNED TO DECEMBER 13—				
	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904
The state	34,775	28,935	23,995	41,531	39,619	31,072	22,490	21,534	34,432	33,059
Alachua	7,749	7,184	5,579	8,796	8,656	7,079	6,133	5,254	8,076	8,201
Baker	845	1,207	499	1,153	1,145	761	773	421	883	862
Bradford	3,335	3,412	1,986	3,959	4,605	3,116	2,780	1,833	3,726	4,157
Columbia	3,081	2,661	2,260	3,889	3,290	2,843	2,179	2,149	3,717	3,196
Hamilton	4,391	3,062	2,736	2,820	2,665	3,669	2,286	2,539	2,539	2,458
Jackson	204	310	252	726	622	154	189	155	552	443
Jefferson	135	113	150	169	305	122	83	100	155	234
Lafayette	892	688	727	1,055	739	839	560	681	971	676
Madison	7,876	5,147	5,479	11,143	10,647	7,104	4,003	4,612	6,982	6,589
Suwanee	5,463	4,230	3,717	5,925	4,822	4,788	3,037	3,309	5,396	4,527
Taylor	435	448	329	603	1,074	323	270	308	535	866
All other	369	473	281	1,293	1,049	274	197	173	.....	.....

GEORGIA.

The state	44,549	44,713	25,484	58,311	53,112	37,952	33,117	21,171	46,367	43,738
Appling	2,580	2,437	1,203	3,797	2,756	2,277	1,814	792	3,155	2,354
Berrien	6,741	6,217	3,853	6,328	5,608	5,812	4,933	3,534	5,511	4,768
Brooks	539	849	450	1,510	1,259	492	620	414	1,343	1,107
Bulloch	7,768	9,456	4,860	10,494	10,874	6,803	6,893	4,388	9,252	9,168
Clinch	837	705	304	908	617	671	497	227	677	537
Coffee	4,810	3,997	2,400	4,760	3,880	3,988	3,028	1,936	3,759	3,273
Colquitt	390	650	196	967	1,084	309	492	182	829	882
Echols	326	358	301	483	413	316	249	289	427	366
Emanuel [1]	345	677	288	437	935	277	443	194	327	714
Irwin	314	832	539	1,606	1,414	265	581	326	1,299	1,146
Lowndes	7,786	4,871	3,643	6,934	5,340	7,048	3,830	3,377	5,349	4,832
Pierce	2,962	2,480	1,760	5,930	6,003	2,444	1,659	953	3,296	4,692
Tattnall [1]	5,275	6,090	3,838	7,506	7,934	4,224	4,512	3,196	6,068	6,106
Toombs [1]	44	324	101	548	.....	34	166	57	390	.....
Ware	367	572	188	241	313	325	356	132	154	187
Wayne	2,470	2,111	1,302	3,096	2,649	1,869	1,568	978	2,257	2,204
All other	995	2,087	258	2,766	2,033	798	1,476	196	2,274	1,402

SOUTH CAROLINA.

The state	14,534	13,247	8,071	12,697	11,586	11,292	9,661	6,656	10,037	8,931
Beaufort	1,898	1,914	1,089	2,469	1,324	1,036	857	687	1,551	631
Charleston	12,347	10,958	6,826	9,975	10,092	10,079	8,586	5,857	8,314	8,165
Colleton	226	330	138	188	137	153	218	97	132	129
All other	63	45	18	65	33	24	.....	15	40	6

TABLE 16.—QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1904 TO 1908, BY COUNTIES.

ALABAMA.

COUNTY.	TOTAL NUMBER OF BALES GINNED (COUNTING ROUND AS HALF BALES)—					NUMBER OF EQUIVALENT 500-POUND BALES—					NUMBER OF BALES GINNED TO DECEMBER 13 (COUNTING ROUND AS HALF BALES)—				
	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904
The state	1,332,003	1,113,093	1,241,133	1,228,000	1,451,362	1,345,713	1,112,698	1,261,522	1,238,574	1,448,157	1,263,953	961,739	1,136,844	1,133,318	1,319,71[illegible]
Autauga	16,412	12,217	14,340	14,166	18,663	16,143	12,291	14,653	14,761	18,176	16,300	10,532	12,982	13,910	17,81[illegible]
Baldwin	2,977	1,449	1,924	1,288	1,686	2,982	1,484	2,001	1,291	1,696	2,371	1,095	1,539	1,209	1,34[illegible]
Barbour	28,533	29,734	25,383	30,793	33,996	28,213	29,644	25,144	30,978	32,787	27,733	27,404	24,164	29,126	32,41[illegible]
Bibb	7,592	5,635	6,431	6,099	8,277	7,662	5,723	6,713	6,416	8,691	6,631	3,931	5,534	5,339	7,21[illegible]
Blount	11,624	8,358	10,793	9,898	11,976	11,133	8,090	10,482	9,443	11,085	10,732	5,988	9,469	8,495	11,36[illegible]
Bullock	28,807	25,604	26,721	32,752	36,012	29,730	25,947	27,224	33,644	38,375	28,286	24,006	25,861	30,131	34,44[illegible]
Butler	24,349	21,408	25,092	23,283	26,896	24,982	22,396	26,309	22,677	26,453	23,891	18,668	22,326	22,721	25,52[illegible]
Calhoun	18,584	12,161	14,525	14,236	18,527	18,997	11,840	14,618	14,122	17,864	17,582	9,514	13,436	12,814	16,49[illegible]
Chambers	32,263	26,918	30,435	29,049	31,851	32,670	26,197	30,100	29,049	31,661	29,147	22,860	28,018	27,323	28,7[illegible]
Cherokee	18,672	14,363	14,043	14,219	16,163	18,153	13,745	14,023	13,167	15,872	16,945	11,348	12,612	12,576	13,7[illegible]
Chilton	14,347	11,041	12,992	13,286	16,936	14,281	10,970	13,184	13,313	16,680	13,932	9,629	12,202	12,774	15,9[illegible]
Choctaw	14,827	12,774	15,476	16,442	20,711	14,670	12,769	15,522	16,639	21,705	13,026	10,475	13,143	14,793	17,4[illegible]
Clarke	21,794	18,988	21,803	20,330	24,763	22,600	19,542	22,601	20,411	27,809	18,900	15,776	17,038	17,982	22,4[illegible]
Clay	15,453	10,211	12,587	12,627	12,408	14,745	9,621	12,131	11,895	11,366	14,618	8,631	11,479	11,977	11,6[illegible]
Cleburne	8,274	5,429	6,543	7,358	7,947	7,657	4,846	5,969	6,784	7,423	7,576	4,402	5,531	6,757	6,4[illegible]
Coffee	25,839	22,913	24,698	21,576	26,565	24,733	22,079	23,937	20,627	24,921	25,357	20,631	23,516	20,706	24,2[illegible]
Colbert	13,189	11,137	11,979	14,071	13,638	13,780	11,464	12,481	14,866	14,292	12,128	9,270	10,698	11,906	12,[illegible]
Conecuh	14,526	12,517	12,319	13,077	15,598	14,706	12,742	12,752	13,683	15,717	13,430	11,491	11,578	12,624	13,[illegible]
Coosa	12,655	10,333	12,322	13,959	14,321	12,063	9,775	11,819	13,429	13,835	12,056	8,240	11,305	12,532	12,[illegible]
Covington	14,986	12,863	14,774	9,866	13,752	14,227	12,374	14,284	9,635	13,270	14,304	11,565	13,337	9,506	12,[illegible]

[1] Toombs county organized from parts of Emanuel, Montgomery, and Tattnall.

TABLE 16.—QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1904 TO 1908, BY COUNTIES—Continued.

ALABAMA—Continued.

COUNTY.	TOTAL NUMBER OF BALES GINNED (COUNTING ROUND AS HALF BALES)—					NUMBER OF EQUIVALENT 500-POUND BALES—					NUMBER OF BALES GINNED TO DECEMBER 13 (COUNTING ROUND AS HALF BALES)—				
	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904
Crenshaw	24,477	21,458	24,137	23,312	26,020	24,839	21,102	24,576	23,918	26,332	22,899	19,022	22,107	22,485	24,756
Cullman	20,925	15,647	16,782	16,627	20,770	20,381	14,950	16,819	16,791	20,605	19,463	12,483	15,626	14,777	18,819
Dale	20,294	21,369	19,922	19,518	25,487	19,279	20,685	19,783	19,284	22,796	19,735	19,081	18,711	18,749	24,128
Dallas	41,710	38,182	43,384	39,124	50,050	44,054	39,908	45,857	40,533	49,851	39,793	36,408	39,980	36,779	46,695
Dekalb	19,307	12,727	13,771	14,453	14,711	18,616	12,093	13,575	14,077	13,940	17,541	8,796	11,483	12,800	11,916
Elmore	25,054	22,452	26,304	25,249	28,763	24,589	22,232	26,551	25,249	26,857	24,631	19,843	24,417	23,604	26,723
Escambia	6,961	5,113	7,223	4,963	6,376	7,185	5,232	7,512	5,171	6,402	6,717	4,501	6,391	4,620	5,707
Etowah	14,434	11,079	11,945	10,991	13,825	14,099	10,567	11,969	10,771	13,633	13,232	7,782	10,660	10,248	12,185
Fayette	10,996	9,504	11,145	9,797	11,280	11,286	9,719	11,745	10,228	11,547	9,912	7,824	9,747	8,657	9,569
Franklin	9,946	6,903	9,190	9,815	9,913	10,051	6,968	9,526	10,286	9,913	8,874	5,349	7,846	8,137	7,649
Geneva	20,593	14,846	17,618	14,133	18,553	20,655	14,739	17,646	13,963	18,367	20,147	14,146	16,533	13,303	17,482
Greene	20,793	17,071	22,630	18,165	27,834	21,883	17,648	23,920	18,710	27,667	20,084	15,246	19,697	16,517	23,082
Hale	22,804	18,490	23,607	20,898	28,199	23,251	18,183	23,267	20,396	28,872	22,416	16,556	23,067	19,192	26,771
Henry	22,547	23,843	20,241	20,817	24,612	22,520	23,991	19,379	20,942	24,021	22,056	21,849	18,680	20,147	23,443
Houston	23,818	19,218	19,878	18,422	24,161	24,161	19,249	19,773	18,127	23,726	23,263	17,857	18,604	17,518	23,169
Jackson	11,452	7,900	8,813	9,031	9,792	11,816	8,162	9,113	9,537	9,675	9,402	5,515	7,412	7,725	7,649
Jefferson	7,176	3,692	6,579	6,745	7,593	7,251	3,669	6,778	6,812	7,289	6,240	2,489	5,329	5,884	6,482
Lamar	13,749	12,584	13,364	11,197	15,488	13,667	12,637	13,703	11,421	15,181	12,193	10,523	11,913	9,685	12,775
Lauderdale	18,158	14,300	15,067	14,537	15,038	19,287	14,535	15,491	15,002	15,098	17,103	11,617	13,277	12,875	14,174
Lawrence	17,026	14,821	15,141	15,496	15,715	17,789	15,042	15,971	16,591	16,496	15,719	11,455	12,127	12,688	13,917
Lee	27,502	24,009	24,913	26,238	27,291	27,997	23,836	25,232	26,500	26,856	27,056	21,925	23,885	25,096	25,818
Limestone	18,364	13,642	14,827	17,408	21,224	19,297	14,256	15,773	18,627	21,224	17,312	10,297	13,229	15,173	19,909
Lowndes	33,413	32,574	37,540	40,095	45,830	34,689	33,422	39,174	42,002	46,554	32,528	28,889	35,047	37,536	40,701
Macon	30,810	25,676	26,636	29,722	31,254	31,519	25,209	26,727	29,781	31,817	30,010	23,978	25,291	28,274	30,242
Madison	28,865	21,935	23,053	22,623	28,495	29,748	22,641	24,556	23,890	29,742	26,674	17,184	20,683	20,737	24,851
Marengo	34,663	30,772	39,678	33,070	44,638	35,433	31,300	40,587	33,033	43,211	33,406	27,830	37,619	30,206	40,532
Marion	9,481	8,742	10,190	10,138	10,074	9,564	8,789	10,716	10,442	10,154	8,853	7,208	8,738	8,922	8,871
Marshall	23,883	17,514	18,875	19,285	23,193	23,244	16,506	18,655	18,536	22,674	21,957	12,254	16,875	16,506	19,590
Mobile	520	204	183	110	205	500	196	184	110	205	383	42	.....	.....	162
Monroe	26,307	23,146	22,479	23,579	28,438	27,601	24,021	23,571	24,664	28,836	25,301	21,453	20,529	22,698	26,343
Montgomery	48,326	40,161	45,570	55,778	54,112	50,134	40,752	47,073	55,445	54,113	47,101	36,482	43,098	50,274	52,184
Morgan	17,893	14,034	15,820	15,661	19,649	18,333	13,989	16,500	14,878	19,649	16,265	10,663	14,141	13,624	16,703
Perry	33,817	26,524	31,243	30,047	35,973	35,562	27,537	33,230	32,090	39,343	33,247	24,729	29,637	27,913	33,970
Pickens	21,747	21,682	21,536	17,123	24,483	22,021	21,977	21,738	17,431	23,800	19,575	18,248	19,131	14,833	18,547
Pike	35,969	32,415	34,144	36,017	41,152	36,746	32,635	34,533	36,737	42,400	35,537	30,837	33,477	35,047	40,041
Randolph	18,617	15,208	17,595	18,897	19,134	17,682	14,353	16,307	17,914	17,305	17,341	12,797	15,306	17,323	16,550
Russell	26,513	23,760	22,828	27,850	30,804	26,471	23,575	22,737	27,460	31,170	25,911	21,397	21,468	25,924	29,762
St. Clair	9,247	5,829	8,582	8,205	10,976	9,204	5,724	8,937	8,189	11,459	8,573	4,055	7,834	7,333	10,087
Shelby	11,620	7,406	10,708	10,878	12,716	11,734	7,319	10,918	11,139	12,158	11,175	5,387	9,559	9,849	11,790
Sumter	23,140	19,666	23,880	21,026	27,918	23,395	18,950	24,339	21,026	28,476	21,922	17,111	21,378	19,118	23,161
Talladega	29,695	21,364	27,834	27,093	30,114	29,285	20,843	27,762	26,985	30,655	28,988	17,670	26,029	25,429	28,606
Tallapoosa	29,975	25,865	28,000	28,780	29,909	29,495	24,810	27,810	28,147	28,657	28,803	22,139	27,086	27,622	27,190
Tuscaloosa	25,591	19,149	24,864	20,654	25,836	26,550	19,664	25,740	21,543	25,836	23,928	16,611	22,659	18,835	23,312
Walker	5,540	3,908	5,405	5,281	6,930	5,602	3,772	5,494	5,366	7,124	4,928	3,096	4,492	4,553	5,665
Washington	4,740	3,282	3,083	3,236	4,328	4,786	3,348	3,176	3,268	4,518	4,120	2,725	2,624	3,058	3,110
Wilcox	31,990	32,609	34,389	32,042	46,013	32,625	33,799	35,687	33,002	46,468	31,127	28,938	32,936	30,753	40,914
Winston	5,852	4,765	5,357	5,499	5,807	5,710	4,625	5,465	5,730	5,807	5,477	3,996	4,718	5,091	4,852

ARKANSAS.

The state	996,093	751,851	894,268	598,915	901,223	1,032,920	774,721	941,177	619,117	930,665	847,312	572,418	673,030	475,574	769,388
Arkansas	7,681	5,269	7,313	4,596	7,069	7,908	5,287	7,752	4,716	7,437	6,910	4,565	4,967	3,762	6,163
Ashley	22,008	22,328	25,290	16,004	26,040	23,144	23,382	26,706	16,868	26,700	19,082	16,158	18,207	13,623	21,128
Baxter	4,957	3,029	3,780	3,332	4,271	5,134	3,120	3,906	3,452	4,527	4,251	2,472	2,672	2,811	3,615
Boone	932	393	692	477	919	950	398	746	489	1,011	709	259	434	378	574
Bradley	5,407	4,337	5,237	3,062	6,156	5,458	4,301	5,484	3,142	6,427	4,578	3,554	4,344	2,462	5,169
Calhoun	5,555	4,568	5,076	2,386	5,379	5,606	4,615	5,236	2,424	5,454	4,647	3,785	4,564	1,668	4,567
Chicot	27,702	25,240	25,968	18,783	25,034	28,406	26,961	26,493	19,309	25,918	20,977	12,900	13,660	12,463	14,431
Clark	9,877	8,757	10,647	3,514	12,991	10,092	8,885	10,966	3,556	13,042	8,792	7,215	9,552	2,012	11,348
Clay	15,118	9,688	12,117	9,201	11,461	15,699	10,291	12,541	9,882	11,461	13,217	6,698	8,260	7,314	9,734
Cleburne	5,004	3,011	4,119	3,520	4,822	5,315	3,116	4,325	3,731	5,053	4,274	2,630	3,323	2,774	4,241
Cleveland	8,671	6,368	7,936	4,375	7,446	8,699	6,276	8,066	4,261	7,401	7,604	5,341	6,935	3,459	6,830
Columbia	17,747	17,243	22,934	7,668	21,872	17,853	17,105	23,333	7,576	21,608	16,877	14,214	21,293	6,068	20,666
Conway	21,256	14,403	20,418	16,040	20,592	21,672	14,674	21,635	16,810	21,665	18,578	12,084	16,509	13,601	18,064
Craighead	13,984	7,667	11,497	8,561	12,174	14,722	7,858	12,177	8,852	13,537	11,887	5,280	7,380	6,737	10,082
Crawford	14,097	14,728	16,656	14,671	13,805	14,475	15,155	17,489	15,258	14,735	11,586	12,902	13,336	12,423	11,430
Crittenden	32,605	27,545	24,074	17,713	22,001	33,701	28,411	25,759	18,563	22,045	26,772	17,553	16,005	12,687	19,273
Cross	10,460	8,245	9,489	7,958	8,196	11,044	8,641	10,220	8,436	8,425	8,914	6,087	6,366	6,291	7,098
Dallas	5,404	3,897	4,717	2,308	5,993	5,426	3,909	4,812	2,303	6,041	4,529	2,932	4,017	1,351	4,989
Desha	12,125	12,014	15,162	8,169	12,742	12,258	12,194	15,208	8,022	12,742	10,058	8,579	8,392	5,856	8,393
Drew	19,983	14,595	19,284	11,691	19,437	20,119	14,697	20,040	11,738	19,328	17,377	11,283	13,071	9,291	15,409
Faulkner	20,351	13,289	19,960	14,797	16,469	21,348	13,661	21,617	15,567	16,601	18,235	11,419	17,058	12,974	15,103
Franklin	14,972	11,639	12,640	12,453	16,036	15,685	11,744	13,087	12,802	16,196	13,030	10,380	10,864	10,759	14,065
Fulton	4,785	2,494	3,714	4,382	4,421	4,939	2,628	4,039	4,689	4,456	4,355	2,079	2,770	3,706	3,898
Garland	2,381	1,675	1,169	760	1,769	2,431	1,675	1,179	752	1,829	1,315	401	1,024	562	1,511
Grant	4,456	2,439	2,659	1,341	4,000	4,425	2,407	2,528	1,295	3,800	3,657	1,915	2,155	887	3,173
Greene	9,696	6,416	9,336	7,029	8,928	10,070	6,697	9,844	7,254	9,035	8,231	4,320	6,144	5,652	7,877
Hempstead	15,164	16,038	24,054	7,771	21,472	15,488	16,112	25,151	7,818	22,789	14,057	13,658	21,743	5,645	19,472
Hot Spring	6,794	4,443	3,692	2,005	5,197	6,741	4,622	3,707	2,073	5,197	6,063	3,615	3,437	1,430	4,651
Howard	10,067	9,255	11,347	4,645	12,025	10,365	9,483	11,957	4,747	12,217	9,473	7,963	10,193	3,366	10,878
Independence	17,294	7,730	14,287	13,017	18,614	17,709	7,787	14,890	13,512	19,057	15,474	6,589	11,032	10,599	17,378

TABLE 16.—QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1904 TO 1908, BY COUNTIES—Continued.

ARKANSAS—Continued.

COUNTY.	TOTAL NUMBER OF BALES GINNED (COUNTING ROUND AS HALF BALES)—					NUMBER OF EQUIVALENT 500-POUND BALES—					NUMBER OF BALES GINNED TO DECEMBER 13 (COUNTING ROUND AS HALF BALES)—				
	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904
Izard	6,605	3,512	5,101	5,613	7,678	6,824	3,517	5,334	5,815	7,786	6,017	2,984	4,196	4,702	6,937
Jackson	34,882	17,395	24,419	22,332	26,130	35,901	17,348	25,845	22,109	26,795	26,612	13,599	16,190	17,519	23,189
Jefferson	45,834	35,203	40,129	16,966	28,301	46,631	34,823	40,827	15,371	28,692	35,774	21,482	26,045	12,796	20,742
Johnson	13,101	9,207	9,846	9,912	10,549	13,337	9,402	10,074	10,323	11,150	11,065	8,056	8,011	8,319	9,345
Lafayette	4,790	8,284	13,006	2,468	9,038	4,822	8,420	13,578	2,443	9,291	4,548	7,076	11,042	1,891	8,492
Lawrence	21,281	12,908	14,346	12,649	15,605	22,473	13,450	15,060	12,927	16,726	17,727	9,394	9,604	9,661	14,712
Lee	32,282	21,411	22,616	16,939	24,611	34,890	23,008	26,013	18,531	28,696	27,474	16,468	15,236	14,050	21,116
Lincoln	16,495	15,301	18,319	8,136	12,785	16,719	15,408	18,374	7,746	12,708	13,116	10,647	12,196	6,337	10,804
Little River	6,438	10,602	15,391	4,432	14,707	6,689	11,030	16,358	4,547	15,948	6,144	8,903	13,548	3,582	12,999
Logan	23,343	16,900	18,736	17,936	18,820	24,632	17,549	19,759	19,084	19,164	20,685	15,070	15,934	15,461	17,043
Lonoke	46,246	27,540	31,651	18,329	32,210	47,832	28,349	33,924	19,123	33,861	37,994	22,332	22,763	14,354	27,198
Marion	2,692	1,551	1,860	1,799	2,923	2,809	1,609	1,961	1,860	2,976	1,918	1,107	1,359	1,441	2,396
Miller	3,328	5,993	11,432	2,930	10,625	3,434	6,127	12,020	2,889	10,752	3,026	4,798	9,972	2,164	9,322
Mississippi	36,747	28,057	29,355	24,889	26,979	39,062	29,533	31,169	27,079	27,344	30,791	18,582	20,218	19,265	24,554
Monroe	25,095	15,121	17,524	13,723	22,812	27,128	16,464	19,682	15,013	25,041	22,095	12,026	12,527	11,786	20,792
Montgomery	4,313	3,655	4,156	3,236	5,090	4,298	3,697	4,470	3,262	5,050	3,860	2,832	3,685	2,526	4,249
Nevada	11,374	10,895	15,003	3,517	12,461	11,515	10,862	15,432	3,517	12,760	9,907	8,436	13,069	3,314	10,837
Newton	605	351	533	478	1,548	623	382	581	512	1,594	589	227	378	368	1,247
Ouachita	9,724	8,482	10,145	4,580	9,382	9,514	8,365	10,271	4,553	9,494	8,939	6,239	9,243	3,366	8,225
Perry	6,493	3,582	5,948	4,556	4,859	6,763	3,595	6,230	4,693	4,966	5,858	3,018	5,027	3,966	4,307
Phillips	36,032	25,219	23,776	19,183	35,053	37,718	28,038	25,545	20,449	35,844	31,167	18,510	16,606	16,833	24,064
Pike	3,930	4,411	4,468	2,496	6,573	4,005	4,548	4,746	2,561	6,941	3,455	3,503	3,888	1,700	5,641
Poinsett	5,638	3,359	4,248	3,620	1,867	5,941	3,401	4,603	3,794	1,889	4,636	2,577	3,032	3,021	1,802
Polk	3,231	2,547	2,702	2,155	3,163	3,221	2,525	2,731	2,168	3,138	3,037	2,096	2,326	1,783	2,673
Pope	23,284	13,939	18,147	13,912	21,009	24,420	14,333	19,114	14,385	21,132	19,942	12,062	14,910	11,266	18,229
Prairie	9,763	7,757	9,392	7,136	10,217	10,261	7,993	10,115	7,493	10,391	8,691	6,132	6,653	5,854	8,321
Pulaski	23,279	15,580	18,142	11,368	15,552	24,192	16,222	19,220	11,232	16,473	16,645	11,025	13,367	6,868	12,741
Randolph	12,231	6,051	6,989	5,666	8,513	12,542	6,339	7,329	5,779	8,854	10,671	4,185	3,941	4,504	7,831
St. Francis	27,483	22,564	20,310	14,809	21,844	28,978	23,611	21,963	15,461	22,654	24,418	17,398	14,738	12,458	19,997
Saline	5,231	3,722	4,798	2,199	5,065	5,361	3,566	4,836	2,133	4,943	4,878	2,859	3,560	1,793	4,274
Scott	7,134	4,969	5,984	6,109	6,737	7,352	5,004	6,153	6,280	7,132	6,534	4,186	5,110	5,278	5,981
Searcy	2,099	1,376	2,101	1,763	3,479	2,233	1,421	2,238	1,855	3,695	1,691	1,140	1,541	1,423	2,891
Sebastian	11,547	9,364	10,811	8,957	10,509	12,233	9,557	11,432	9,351	10,950	10,263	8,365	9,828	7,761	9,793
Sevier	7,212	7,318	9,512	3,854	9,449	7,344	7,543	9,967	3,923	9,676	6,729	6,413	8,704	2,870	8,842
Sharp	5,230	2,706	4,309	4,938	6,064	5,358	2,719	4,475	5,086	6,149	4,516	2,259	3,457	4,090	5,555
Stone	2,237	1,175	2,084	1,983	3,177	2,283	1,161	2,161	2,043	3,202	1,891	922	1,543	1,502	2,662
Union	14,351	16,137	17,812	9,794	17,504	14,454	15,950	18,339	9,755	17,504	11,967	8,882	12,161	5,984	13,666
Van Buren	6,522	4,286	4,933	4,683	5,931	6,924	4,436	5,312	4,973	6,216	5,524	3,551	4,023	3,741	5,083
White	18,685	13,292	16,002	10,188	12,860	19,317	13,369	16,773	10,697	12,806	16,356	11,705	11,404	8,029	11,906
Woodruff	29,913	23,663	23,196	20,304	20,802	32,064	24,995	25,290	21,482	21,717	24,788	17,659	16,093	16,427	19,599
Yell	22,860	17,723	19,766	16,134	21,373	23,941	18,960	20,974	16,908	22,792	19,865	14,883	16,195	12,905	18,098
All other	.....	.....	6	15	38	.....	.....	6	15	39	.....	.....	.....	5	23

FLORIDA.

The state	70,598	56,668	61,473	78,838	87,525	62,089	49,794	55,945	68,797	79,171	64,131	45,685	55,916	69,752	75,713
Alachua	7,749	7,184	5,579	8,796	8,656	5,671	5,295	4,050	6,386	6,669	7,079	6,133	5,254	8,076	8,201
Baker	936	1,219	499	1,153	1,145	761	983	367	897	872	851	785	421	883	862
Bradford	3,335	3,412	1,986	3,959	4,605	2,485	2,711	1,437	2,851	3,518	3,116	2,780	1,833	3,726	4,157
Columbia	3,195	2,684	2,297	3,889	3,290	2,597	2,109	1,805	3,026	2,606	2,945	2,200	2,181	3,717	3,196
Escambia	1,579	1,097	779	699	47	1,622	1,101	843	723	42	1,425	556	700	633	.....
Gadsden	455	315	1,164	2,145	3,347	463	300	1,080	2,014	3,314	326	169	885	1,863	2,741
Hamilton	4,412	3,063	2,836	2,820	2,685	3,213	2,333	2,198	2,205	2,054	3,688	2,286	2,613	2,539	2,474
Holmes	2,003	1,737	2,307	1,358	1,996	1,975	1,697	2,318	1,335	1,736	1,611	1,416	1,937	1,276	1,649
Jackson	14,692	12,791	15,841	15,430	20,206	14,903	13,227	16,424	15,554	20,605	13,888	11,995	14,933	14,825	18,361
Jefferson	5,480	4,140	5,496	7,138	8,981	5,434	3,822	5,167	6,655	8,911	5,404	3,564	5,216	6,709	8,249
Lafayette	892	688	727	1,055	739	719	589	614	831	591	839	560	681	971	676
Leon	4,464	3,408	5,055	6,494	6,960	4,336	3,105	4,662	6,169	6,584	4,148	2,801	4,726	6,122	6,152
Madison	9,537	6,086	7,114	12,546	13,187	7,694	4,821	5,932	10,333	11,374	8,614	4,832	6,115	8,314	8,845
Santa Rosa	2,357	1,112	1,707	1,139	274	2,278	1,092	1,759	1,135	247	2,100	511	1,600	1,026	272
Suwanee	5,463	4,230	3,717	5,925	4,822	4,333	3,423	3,015	4,882	3,925	4,788	3,037	3,309	5,396	4,527
Taylor	435	448	329	603	1,074	356	342	265	434	866	323	270	308	535	866
Walton	1,541	1,528	1,809	980	1,870	1,391	1,439	1,814	935	1,836	1,191	863	1,308	869	1,642
Washington	1,260	962	1,436	1,189	1,611	1,146	959	1,489	1,190	1,579	1,178	698	1,308	1,122	1,301
All other	813	564	795	1,520	2,030	712	446	706	1,242	1,792	617	229	588	1,150	1,542

GEORGIA.

The state	1,977,050	1,860,323	1,632,703	1,725,272	1,962,890	1,931,179	1,815,834	1,592,572	1,682,555	1,887,853	1,867,963	1,632,463	1,514,637	1,620,741	1,790,792
Appling[1]	3,878	3,358	2,151	4,323	5,049	3,121	2,901	1,707	3,437	3,961	3,500	2,491	1,470	3,651	4,570
Baker	7,242	6,497	5,807	7,057	7,745	7,028	6,543	5,586	6,916	7,389	6,986	5,933	5,211	6,185	6,971
Baldwin	12,126	12,016	10,239	11,790	13,290	11,862	12,033	10,255	11,884	11,961	11,721	10,778	9,987	11,224	12,554
Banks	13,632	12,713	9,677	9,563	10,248	13,089	11,241	8,653	8,702	8,854	12,458	11,459	8,465	9,009	8,941
Bartow	22,334	18,397	17,747	18,612	23,550	21,852	17,669	17,491	18,314	22,571	20,902	15,586	15,696	17,135	20,287
Ben Hill[2]	6,384	5,232	4,327	.....	.....	6,139	5,010	4,184	.....	.....	5,915	4,776	3,914	.....	.....
Berrien[3]	12,847	10,855	11,187	10,442	14,919	11,271	9,283	9,794	8,793	13,642	11,433	8,943	10,227	9,426	13,159
Bibb	9,418	9,887	9,983	8,795	11,990	9,578	9,708	9,859	8,918	12,134	9,075	9,114	9,687	8,419	10,630
Brooks	13,330	8,891	11,311	11,376	14,361	12,981	8,583	11,216	11,053	14,125	12,142	7,756	10,648	10,772	13,388
Bryan	1,587	1,180	1,568	1,611	1,739	1,434	1,055	1,388	1,397	1,701	1,543	1,093	1,478	1,533	1,528

[1] Jeff Davis county organized from parts of Appling and Coffee.
[2] Ben Hill county organized from parts of Irwin and Wilcox.
[3] Tift county organized from parts of Berrien, Irwin, and Worth.

TABLE 16.—QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1904 TO 1908, BY COUNTIES—Continued.

GEORGIA—Continued.

COUNTY.	TOTAL NUMBER OF BALES GINNED (COUNTING ROUND AS HALF BALES)—					NUMBER OF EQUIVALENT 500-POUND BALES—					NUMBER OF BALES GINNED TO DECEMBER 13 (COUNTING ROUND AS HALF BALES)—				
	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904
Bulloch [1]	22,643	19,084	17,195	18,186	22,930	20,402	16,960	15,375	15,879	19,909	20,752	15,125	16,035	16,565	19,586
Burke [1]	35,970	38,211	31,197	38,610	51,713	37,013	39,946	31,746	38,456	46,336	34,506	33,178	29,547	36,358	47,406
Butts	14,002	14,731	12,437	13,662	16,498	14,324	14,822	12,514	13,799	16,794	13,616	13,386	11,951	13,173	15,301
Calhoun	14,865	14,052	10,130	13,134	16,882	15,326	14,341	10,168	13,187	16,916	14,429	12,547	9,597	12,503	15,826
Campbell	13,904	12,302	12,199	12,873	12,795	14,179	12,100	12,140	12,307	13,000	12,042	10,012	11,101	11,677	11,368
Carroll	36,507	31,282	30,821	33,644	34,117	34,141	28,955	29,255	31,491	31,753	34,428	26,494	26,368	30,760	29,946
Catoosa	1,073	1,436	1,188	636	794	938	1,236	1,131	576	715	876	428	231	373	376
Chattahoochee	6,826	6,137	6,343	5,890	6,914	6,806	6,013	6,288	5,831	6,693	6,564	5,152	5,819	5,415	6,600
Chattooga	11,196	9,460	9,087	9,226	10,027	10,634	8,989	7,724	8,377	9,044	10,005	7,426	8,280	8,143	8,709
Cherokee	11,815	9,899	9,553	9,919	11,815	10,381	8,561	8,449	8,510	9,995	11,047	7,980	8,263	8,992	10,283
Clarke	14,285	14,694	8,547	7,651	8,967	13,831	14,168	8,253	7,345	8,590	13,266	12,892	7,761	7,328	8,680
Clay	12,857	11,781	8,428	9,973	13,633	13,322	11,899	8,546	9,973	13,878	12,805	10,664	8,146	9,731	13,291
Clayton	11,611	12,885	10,683	10,870	11,866	11,307	12,614	10,598	10,653	11,273	11,050	11,569	10,082	10,495	10,815
Clinch	1,261	934	624	1,130	1,010	1,006	737	518	925	800	1,020	651	441	862	887
Cobb	18,965	16,964	15,518	15,062	18,281	16,890	15,040	14,007	13,947	16,875	17,624	14,021	13,716	13,663	15,388
Coffee [2]	9,685	6,533	6,369	6,956	7,745	8,257	5,439	5,366	5,860	6,489	8,369	5,138	5,379	5,801	6,717
Colquitt	10,466	7,128	7,226	5,830	7,653	10,079	6,653	6,941	5,487	7,367	9,950	6,384	6,739	5,402	6,690
Columbia	13,462	16,765	12,777	14,300	13,627	13,852	16,785	11,752	14,586	12,629	12,693	14,601	12,097	13,673	11,707
Coweta	34,973	29,359	30,777	31,852	32,831	34,987	29,459	31,183	32,999	31,524	33,116	24,476	28,145	30,557	28,724
Crawford	5,960	7,004	6,088	6,165	8,441	6,175	7,038	6,129	6,239	8,120	5,698	6,401	5,937	5,825	8,351
Crisp [3]	16,342	13,922	11,127	10,781	.....	16,590	13,922	11,183	10,975	.....	15,997	13,072	10,877	10,172	.....
Dawson	2,325	1,834	1,602	1,538	1,687	1,956	1,583	1,416	1,363	1,501	2,095	1,476	1,295	1,365	1,446
Decatur [4]	10,608	7,798	9,629	10,847	17,738	11,031	7,748	9,410	10,617	17,663	9,583	6,524	8,762	10,047	16,178
Dekalb	11,905	10,474	8,995	8,990	11,161	11,053	9,483	8,344	8,397	10,424	11,057	8,915	8,312	8,561	10,076
Dodge	23,291	21,632	19,113	18,453	20,750	23,845	22,091	19,579	18,743	20,586	22,391	19,284	18,248	17,370	19,348
Dooly [3,5]	30,202	25,941	23,530	21,865	39,125	30,770	26,394	23,935	22,259	36,715	29,516	22,694	22,919	20,748	38,030
Dougherty	16,246	14,289	12,750	14,360	19,426	16,434	14,346	12,041	13,929	18,659	15,594	12,823	11,949	12,528	18,000
Douglas	9,883	9,350	8,314	8,993	9,140	8,932	8,432	7,654	8,166	8,171	9,066	7,858	7,287	8,200	7,880
Early	15,249	14,844	12,999	15,463	16,640	15,987	15,663	13,594	15,740	17,301	14,886	13,126	12,049	14,770	16,039
Echols	326	358	301	483	413	276	284	240	420	336	316	249	289	427	366
Effingham	2,491	2,139	1,633	2,052	2,156	2,462	2,011	1,548	1,995	2,087	2,346	1,669	1,478	2,011	2,067
Elbert	20,235	20,871	17,506	18,377	22,620	18,410	18,788	15,920	16,392	20,290	19,105	19,384	16,681	17,652	20,480
Emanuel [1,6]	24,884	21,358	18,485	16,665	23,194	24,416	20,805	17,946	16,626	22,210	23,514	18,748	16,960	16,367	20,427
Fayette	13,577	13,177	11,473	12,433	12,609	14,030	13,211	11,542	12,557	12,735	12,781	11,365	10,870	11,967	11,609
Floyd	17,787	14,787	13,986	13,626	15,141	16,752	14,027	13,343	13,081	14,778	16,344	12,491	12,657	12,395	13,211
Forsyth	13,126	11,947	10,541	10,906	12,414	11,317	10,279	9,782	9,510	11,768	11,690	9,640	8,784	10,226	11,252
Franklin [7]	24,549	23,496	19,107	18,996	27,547	21,824	21,076	17,353	17,058	24,826	22,859	21,291	17,595	17,835	24,613
Fulton	2,566	2,286	2,510	2,184	2,629	2,449	2,135	2,345	2,040	2,366	2,278	1,928	2,264	1,977	2,212
Glascock	4,036	4,643	3,578	4,482	4,901	4,149	4,833	3,668	4,607	4,832	3,637	3,935	3,411	4,237	4,168
Gordon	12,072	9,922	8,964	9,853	10,208	11,698	10,111	8,801	9,892	10,718	11,172	8,023	8,271	8,967	9,175
Grady [4]	7,215	5,084	7,716	8,282	.....	6,599	4,685	7,323	7,824	.....	6,374	4,439	6,839	7,837	.....
Greene	18,654	18,117	14,315	16,856	16,373	19,404	18,650	14,670	16,957	16,600	17,889	16,543	13,739	16,199	14,734
Gwinnett	28,415	26,418	22,113	23,564	27,523	25,852	24,093	20,415	21,537	25,303	26,405	23,656	20,603	22,267	24,565
Habersham [7]	1,319	725	633	825	3,241	1,214	648	563	738	2,703	1,224	618	521	817	2,786
Hall	19,877	17,040	15,886	16,083	16,705	17,078	14,750	13,694	13,992	14,733	17,907	14,506	13,337	15,429	14,611
Hancock	17,409	17,931	13,931	16,754	18,709	17,656	18,157	13,870	16,855	18,560	16,805	16,667	13,779	16,751	18,044
Haralson	11,920	8,981	7,912	8,017	8,267	10,821	8,006	7,133	7,279	7,358	11,094	7,521	6,869	7,536	7,258
Harris	22,621	20,661	24,253	23,365	25,385	22,236	20,487	24,122	23,412	25,588	22,012	18,035	23,098	22,293	23,882
Hart	21,119	20,461	16,874	16,655	19,567	19,797	19,041	15,652	15,423	18,199	20,157	19,264	15,934	16,352	18,236
Heard	16,500	12,771	16,003	15,250	14,617	16,025	12,615	15,696	15,341	14,822	15,803	11,290	14,313	14,542	12,624
Henry	25,750	27,762	24,377	23,618	28,478	25,673	27,162	24,065	23,382	28,077	24,661	24,748	23,099	22,578	25,919
Houston	22,298	23,312	22,715	20,545	30,421	22,820	23,872	23,056	21,244	28,913	21,592	21,190	21,513	19,487	30,065
Irwin [5,8,9]	11,041	9,065	9,332	10,631	13,913	10,400	8,477	8,856	10,008	12,632	10,414	7,909	8,284	9,666	12,948
Jackson	43,664	39,871	34,895	34,689	37,924	40,616	36,490	32,424	32,469	34,824	40,146	36,185	31,534	33,053	33,555
Jasper	24,921	23,432	21,032	21,532	19,826	25,001	23,727	21,478	22,092	20,142	23,292	20,690	19,072	20,408	17,849
Jeff Davis [2]	1,609	1,214	1,008	1,255	.....	1,436	1,118	884	1,112	.....	1,559	1,163	951	1,173	.....
Jefferson	22,512	27,118	21,069	25,929	29,122	22,116	27,275	20,745	25,359	28,891	21,304	23,856	20,453	24,716	26,434
Jenkins [1]	13,914	14,040	11,273	16,786	.....	13,900	13,994	11,047	16,480	.....	13,460	12,180	10,758	16,025	.....
Johnson	13,045	12,305	10,362	12,042	14,917	12,802	12,162	10,035	11,922	14,649	12,503	10,786	9,860	10,945	13,781
Jones	15,354	15,810	15,353	14,489	16,203	15,575	16,344	16,078	14,953	15,914	14,883	14,179	14,906	13,744	14,402
Laurens	36,642	39,372	31,743	30,274	35,196	36,393	38,955	31,508	29,787	35,476	35,063	33,163	30,254	29,038	33,348
Lee	14,312	13,080	11,471	11,766	14,933	14,123	12,756	11,471	11,484	14,784	13,794	11,866	10,712	10,885	14,310
Liberty	1,166	1,136	986	1,692	1,788	1,052	962	828	1,479	1,512	1,000	903	825	1,461	1,481
Lincoln	9,410	10,596	7,036	8,518	9,197	9,386	10,971	7,195	8,552	9,326	8,548	9,335	6,679	8,180	8,010
Lowndes	10,009	5,939	6,438	9,441	8,519	8,324	4,879	5,382	8,249	7,715	9,226	4,733	5,881	7,656	7,895
Lumpkin	619	524	376	185	281	509	426	324	155	247	579	446	308	185	229
McDuffie	10,240	12,288	9,084	10,277	10,273	10,510	12,448	9,353	10,071	10,335	9,888	10,876	8,734	9,803	9,184
Macon	15,010	14,406	14,934	13,220	18,820	14,656	14,397	15,059	13,352	18,293	14,716	12,919	14,183	12,259	17,924
Madison	24,553	23,796	19,657	19,001	20,923	22,775	21,792	18,159	17,557	18,770	22,530	22,343	17,400	18,232	19,232
Marion	8,561	8,099	6,455	8,434	11,025	8,508	7,911	6,220	8,046	10,478	8,454	7,236	6,296	8,113	10,773
Meriwether	32,366	29,653	27,206	27,007	29,178	31,991	29,635	27,685	27,115	28,131	31,698	26,035	25,876	26,429	27,566
Miller	3,071	2,745	2,539	2,387	2,677	3,180	2,935	2,655	2,382	2,677	2,939	2,518	2,173	2,298	2,430
Milton	8,848	8,223	6,916	7,701	8,465	7,657	7,126	6,123	6,592	7,111	8,482	7,456	6,590	7,402	7,653
Mitchell	19,847	18,245	17,219	18,665	20,892	19,777	18,411	16,892	18,028	21,546	19,241	15,831	15,996	17,718	19,937
Monroe	20,566	22,813	23,606	21,036	25,003	20,439	22,873	23,902	21,288	24,554	19,743	20,452	22,523	19,922	22,597

[1] Jenkins county organized from parts of Bulloch, Burke, Emanuel, and Screven.
[2] Jeff Davis county organized from parts of Appling and Coffee.
[3] Crisp county organized from part of Dooly.
[4] Grady county organized from parts of Decatur and Thomas.
[5] Turner county organized from parts of Dooly, Irwin, Wilcox, and Worth.
[6] Toombs county organized from parts of Emanuel, Montgomery, and Tattnall.
[7] Stevens county organized from parts of Franklin and Habersham.
[8] Ben Hill county organized from parts of Irwin and Wilcox.
[9] Tift county organized from parts of Berrien, Irwin, and Worth.

TABLE 16.—QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1904 TO 1908, BY COUNTIES—Continued.

GEORGIA—Continued.

COUNTY.	TOTAL NUMBER OF BALES GINNED (COUNTING ROUND AS HALF BALES)—					NUMBER OF EQUIVALENT 500-POUND BALES—					NUMBER OF BALES GINNED TO DECEMBER 13 (COUNTING ROUND AS HALF BALES)—				
	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904
Montgomery[1]	14,512	13,471	11,328	9,819	12,698	14,621	13,419	11,002	9,721	13,155	13,207	11,356	9,317	9,004	11,394
Morgan	31,887	31,827	25,669	30,701	31,253	32,423	31,441	25,464	31,613	31,275	30,094	28,066	24,295	29,120	27,164
Murray	4,044	3,133	2,974	3,511	4,008	3,562	2,928	2,915	3,209	3,303	3,674	2,713	2,701	3,278	3,468
Muscogee	7,210	6,587	7,489	7,226	9,527	7,151	6,337	7,124	7,014	9,376	7,082	5,790	7,197	6,756	9,204
Newton	25,040	25,866	22,013	23,301	24,634	25,361	25,902	21,995	23,441	24,634	23,737	22,912	21,012	22,281	23,120
Oconee	16,757	15,954	11,502	10,729	14,195	17,079	15,648	11,481	10,686	13,616	15,431	13,990	10,874	10,477	12,953
Oglethorpe	25,547	26,646	20,368	23,214	27,096	24,852	26,428	19,916	21,728	25,802	22,957	23,315	17,226	22,038	22,658
Paulding	13,396	12,152	10,672	11,174	12,446	12,169	11,066	9,846	9,990	11,376	12,526	10,633	9,403	10,284	11,098
Pickens	2,887	1,985	1,865	2,282	2,668	2,586	1,802	1,690	2,067	2,348	2,687	1,627	1,696	2,097	2,320
Pierce	3,507	2,782	2,198	6,134	6,532	2,810	2,189	1,688	4,860	4,980	2,950	1,894	1,309	3,467	5,114
Pike	20,552	20,080	19,292	18,010	19,792	20,240	20,040	19,458	18,262	20,068	19,708	18,126	18,512	17,192	18,672
Polk	15,763	11,297	11,706	13,597	13,959	14,767	10,559	11,237	13,219	13,738	14,747	9,240	10,298	12,655	12,422
Pulaski	26,992	25,330	22,455	22,164	27,591	27,634	26,161	23,295	22,607	27,812	26,381	22,659	21,931	21,224	26,187
Putnam	16,147	17,818	14,377	15,124	12,764	16,535	18,192	14,483	15,638	12,764	15,325	15,095	13,287	14,378	11,426
Quitman	5,838	6,361	5,113	5,901	6,750	5,961	6,496	5,142	5,925	6,588	5,781	5,574	4,933	5,645	6,369
Randolph	25,250	25,887	18,218	21,331	26,806	23,861	24,831	17,558	20,264	26,592	24,817	23,143	16,838	20,579	25,564
Richmond	7,810	10,729	9,650	9,633	9,016	7,865	10,731	9,411	9,691	8,980	7,246	9,632	7,777	8,870	8,061
Rockdale	9,080	9,079	7,237	8,115	9,900	8,895	9,030	7,056	7,985	9,860	8,341	8,007	6,803	7,694	9,086
Schley	7,029	6,835	5,879	5,975	8,208	7,067	6,879	6,006	5,951	8,192	6,736	6,066	5,754	5,792	7,858
Screven[2]	23,536	18,711	15,038	22,144	27,450	23,283	18,455	14,353	21,125	24,898	22,365	16,175	14,388	19,158	25,518
Spalding	15,955	16,757	14,851	14,163	16,961	16,146	16,915	14,860	14,333	17,060	14,700	13,720	13,489	13,508	15,038
Stephens[3]	7,130	6,149	5,124	5,089	.....	6,371	5,428	4,594	4,564	.....	6,560	5,599	4,738	4,840	.....
Stewart	15,281	15,270	13,648	15,211	19,432	15,642	15,572	13,828	15,331	19,470	14,553	13,508	13,045	14,009	18,368
Sumter	33,163	31,976	28,980	28,260	36,707	33,427	32,029	28,964	28,430	36,121	31,885	28,408	27,079	25,681	33,721
Talbot	11,084	10,438	11,026	11,783	12,932	11,026	10,390	11,039	11,547	12,958	10,863	9,301	10,428	11,095	12,296
Taliaferro	10,831	9,726	7,454	8,288	8,573	10,967	9,959	7,596	8,537	8,624	10,465	9,121	7,310	7,992	7,620
Tattnall[1]	9,950	8,384	8,018	10,510	16,803	8,684	7,060	6,780	9,480	13,444	8,588	6,481	7,021	8,698	13,419
Taylor	8,964	8,262	7,725	7,743	10,181	9,237	8,224	7,869	7,758	10,222	8,678	7,572	7,489	7,456	9,602
Telfair	11,368	9,963	8,331	8,192	9,327	10,868	9,716	8,159	8,045	9,178	10,585	8,462	7,167	7,625	8,728
Terrell	35,489	34,054	27,583	29,474	34,725	35,120	34,122	27,572	29,745	35,331	34,999	31,476	27,039	28,080	33,697
Thomas[4]	18,129	10,581	12,880	14,732	22,414	17,422	9,890	12,507	13,516	20,825	17,466	9,661	12,102	13,740	21,140
Tift[5]	8,303	5,655	6,245	5,311	.....	7,984	5,459	6,029	5,029	.....	7,761	5,394	5,857	5,015	.....
Toombs[1]	7,645	6,540	5,815	6,431	.....	7,374	6,155	5,449	6,116	.....	6,983	5,636	5,170	5,722	.....
Troup	23,261	22,302	22,807	23,223	22,226	23,233	22,351	22,625	23,409	21,381	22,326	19,087	20,972	22,377	20,969
Turner[6]	10,039	8,031	6,348	6,079	.....	10,254	8,140	6,199	6,006	.....	9,785	7,278	6,094	5,685	.....
Twiggs	11,846	13,105	10,091	9,782	13,378	11,855	13,171	10,028	9,606	11,518	11,397	11,390	9,729	9,246	12,470
Upson	12,702	13,064	13,645	12,278	13,953	12,463	12,518	13,268	12,278	13,060	12,366	11,541	12,681	11,701	12,975
Walker	5,984	4,432	5,194	4,869	5,051	5,594	4,043	4,826	4,441	4,778	5,475	3,530	4,711	4,410	4,500
Walton	41,246	38,489	28,820	33,240	36,127	41,493	37,912	28,388	33,638	36,774	39,146	36,102	27,482	32,129	33,197
Ware	859	926	673	548	799	695	726	549	472	639	799	645	466	411	550
Warren	12,007	13,435	8,676	12,328	13,338	12,535	14,050	8,898	12,796	13,871	11,591	12,098	8,223	11,826	11,925
Washington	29,112	29,933	25,506	28,998	37,117	29,089	30,340	25,802	28,940	37,486	28,241	26,142	24,042	27,179	33,630
Wayne	3,155	2,527	1,921	3,474	3,524	2,576	1,939	1,525	2,737	3,036	2,468	1,878	1,455	2,570	2,870
Webster	5,434	5,958	5,341	5,554	8,345	5,297	6,037	5,337	5,676	8,312	5,147	5,068	4,953	5,353	7,693
White	685	427	383	294	542	599	382	330	263	468	590	216	314	275	325
Whitfield	5,918	4,626	4,924	4,589	4,726	5,271	4,115	4,474	4,158	4,225	5,392	3,696	4,378	4,278	4,155
Wilcox[6,7]	13,596	12,625	9,016	10,444	11,989	13,808	12,721	9,220	10,736	11,989	12,031	11,055	8,407	9,784	11,342
Wilkes	27,513	29,539	21,593	22,860	25,177	27,986	30,053	21,835	23,546	24,829	25,516	26,155	20,434	22,004	21,800
Wilkinson	8,430	10,284	7,966	9,480	10,580	8,304	10,138	7,638	9,252	10,432	7,797	8,825	7,097	8,509	9,548
Worth[5,6]	17,635	16,170	12,825	14,472	21,032	17,932	16,099	12,653	14,240	20,268	16,717	14,769	12,315	13,541	20,018
All other	371	397	206	232	348	318	353	189	210	330	158	150	151	142	22

LOUISIANA.

The state	466,543	662,032	955,473	511,738	1,083,684	470,136	675,428	987,779	513,480	1,089,526	435,603	501,612	764,850	416,237	872,403
Acadia	6,103	9,701	10,981	7,503	11,728	5,825	10,077	10,661	7,209	11,649	5,441	6,351	8,926	5,665	8,627
Ascension	6,698	8,834	10,415	6,771	13,842	6,733	9,201	10,788	7,110	13,980	6,393	6,221	9,248	5,793	12,165
Avoyelles	11,054	36,019	48,003	22,033	50,935	11,227	38,800	52,554	22,958	53,783	11,040	30,755	41,041	15,838	44,248
Bienville	8,376	10,896	22,347	10,734	23,315	8,354	10,682	22,950	10,820	23,221	7,823	9,249	18,919	9,046	21,786
Bossier	8,780	15,526	45,671	19,294	45,097	8,943	16,303	49,002	19,641	44,917	8,129	12,783	37,917	15,179	38,294
Caddo	15,609	17,220	53,702	25,369	57,120	16,228	17,680	56,419	26,029	57,691	14,013	14,056	41,280	19,897	47,375
Calcasieu	268	276	1,196	1,413	2,453	252	262	1,148	1,280	2,458	128	26	759	649	2,142
Caldwell	2,502	6,111	7,356	2,754	7,220	2,326	5,787	7,094	2,578	7,076	2,087	3,571	4,642	1,446	4,782
Cameron	1,851	1,833	2,196	1,123	2,091	1,881	1,811	2,216	1,076	2,091	1,147	837	148	779	1,064
Catahoula	4,700	14,926	19,193	8,066	20,749	4,624	14,857	19,869	7,840	20,240	4,157	10,368	14,409	6,323	14,775
Claiborne	15,664	24,835	33,949	14,730	29,569	15,561	24,259	34,417	14,642	29,155	15,147	20,793	29,936	12,822	26,785
Concordia	12,026	24,771	29,599	12,380	31,616	13,154	25,613	33,613	13,494	33,423	10,968	16,699	20,929	9,430	21,121
De Soto	13,625	6,343	17,214	13,308	32,791	13,710	6,296	17,720	13,281	32,726	13,373	5,559	15,516	11,975	29,203
East Baton Rouge	18,823	23,388	29,893	18,457	38,136	17,434	22,794	29,182	17,829	37,079	17,819	17,941	24,803	15,647	31,440
East Carroll	14,529	14,539	16,125	10,775	18,039	15,915	15,685	17,796	11,206	18,559	12,507	8,995	10,320	8,009	13,348
East Feliciana	24,684	26,847	30,258	17,323	36,884	24,852	26,482	30,034	16,873	35,707	24,188	23,231	26,413	15,980	30,055
Franklin	12,806	15,110	16,164	9,362	15,565	12,934	15,542	16,655	9,474	15,565	12,217	11,432	11,534	8,045	10,951
Grant	1,326	3,196	10,677	4,439	11,931	1,287	3,232	11,006	4,395	11,931	1,291	2,788	9,086	3,328	8,488
Iberia	2,101	5,925	4,511	3,848	9,237	2,210	6,068	4,809	4,028	9,395	1,927	3,958	4,041	2,670	8,007
Iberville	4,871	7,137	11,232	7,657	15,549	5,110	7,348	11,776	7,871	15,731	4,561	4,524	8,704	6,408	12,110

[1] Toombs county organized from parts of Emanuel, Montgomery, and Tattnall.
[2] Jenkins county organized from parts of Bulloch, Burke, Emanuel, and Screven.
[3] Stephens county organized from parts of Franklin and Habersham.
[4] Grady county organized from parts of Decatur and Thomas.
[5] Tift county organized from parts of Berrien, Irwin, and Worth.
[6] Turner county organized from parts of Dooly, Irwin, Wilcox, and Worth.
[7] Ben Hill county organized from parts of Irwin and Wilcox.

TABLE 16.—QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1904 TO 1908, BY COUNTIES—Continued.

LOUISIANA—Continued.

COUNTY.	TOTAL NUMBER OF BALES GINNED (COUNTING ROUND AS HALF BALES)—					NUMBER OF EQUIVALENT 500-POUND BALES—					NUMBER OF BALES GINNED TO DECEMBER 13 (COUNTING ROUND AS HALF BALES)—				
	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904
Jackson	3,483	7,010	10,417	5,199	11,266	3,394	6,738	10,444	5,074	11,222	2,978	5,738	8,777	4,133	9,586
Lafayette	12,993	21,942	28,193	14,945	26,441	12,902	22,591	28,363	14,787	26,519	12,461	14,145	24,422	11,871	20,875
Lincoln	7,952	13,820	17,852	9,226	17,047	7,922	13,734	18,105	9,281	17,657	7,690	11,259	14,654	7,486	15,701
Livingston	4,150	5,098	5,844	3,133	8,628	3,999	4,930	5,509	2,939	8,197	3,572	3,890	5,074	2,514	6,930
Madison	15,427	15,378	19,547	12,077	19,671	15,711	16,021	21,240	13,309	20,213	12,424	9,005	11,507	8,274	14,113
Morehouse	19,718	24,208	27,464	15,705	29,371	19,284	24,106	27,920	15,611	30,317	17,404	16,223	17,138	12,662	19,001
Nachitoches	11,478	11,758	30,502	20,311	43,276	11,583	11,891	31,116	20,108	43,363	10,829	10,965	26,958	16,775	34,132
Ouachita	11,773	17,126	20,809	12,239	24,382	11,662	17,030	21,159	12,214	24,382	10,814	12,182	15,398	9,983	18,025
Pointe Coupee	28,814	41,854	50,516	25,804	57,661	29,569	43,520	54,194	25,081	58,597	28,414	30,127	40,110	21,839	50,551
Rapides	6,269	18,994	41,050	16,936	47,186	6,277	19,465	41,839	16,902	47,653	6,109	16,822	35,165	13,520	37,810
Red River	3,722	5,585	20,851	10,145	25,622	3,739	5,731	21,493	10,408	25,673	3,630	5,065	17,089	8,535	19,542
Richland	17,941	18,271	20,586	11,953	25,043	18,565	18,271	21,327	12,312	25,877	16,716	13,070	14,469	10,016	17,136
Sabine	5,970	1,934	4,996	4,609	14,837	5,981	1,899	5,107	4,498	14,808	5,587	1,657	4,603	4,145	13,270
St. Helena	7,800	8,014	9,500	6,606	10,727	7,730	7,953	9,479	6,553	10,577	7,445	7,243	8,648	6,119	9,874
St. Landry	28,286	54,889	68,923	38,676	74,699	27,771	57,830	68,437	37,828	74,789	27,671	44,037	61,480	32,381	61,210
St. Martin	5,767	8,964	12,905	7,460	12,142	5,881	8,927	13,347	7,411	12,164	5,718	6,466	11,299	6,761	10,918
St. Tammany	714	886	1,197	721	1,721	707	833	1,159	707	1,559	679	680	1,047	662	1,429
Tangipahoa	5,805	6,631	7,072	4,823	9,209	5,755	6,632	7,138	4,727	9,209	5,498	5,748	6,398	4,506	8,409
Tensas	24,192	29,603	34,120	14,517	32,353	25,252	31,752	36,185	15,243	33,954	22,020	18,414	20,152	10,093	22,477
Union	15,185	19,842	21,972	13,291	22,737	15,036	19,576	22,218	13,052	22,056	14,077	15,873	17,684	10,510	19,068
Vermilion	2,319	8,596	9,518	5,931	10,653	2,366	8,886	10,122	6,298	10,831	2,235	4,867	7,803	4,494	6,889
Vernon	765	388	1,407	1,249	3,739	743	363	1,376	1,184	3,664	703	289	1,166	1,075	3,133
Washington	10,834	9,693	11,416	8,364	13,529	10,526	9,811	11,322	8,146	13,529	10,257	8,779	9,837	7,838	11,795
Webster	6,689	8,820	14,590	7,348	15,272	6,825	8,875	15,095	7,348	15,552	6,154	7,322	12,078	6,227	14,036
West Baton Rouge	4,037	5,889	9,415	4,756	11,821	4,006	5,749	9,415	4,528	10,640	3,755	3,861	7,501	3,965	9,585
West Carroll	4,953	4,604	4,920	2,817	7,583	4,923	4,640	5,183	2,761	7,704	4,346	2,912	3,254	2,150	4,482
West Feliciana	11,285	15,674	21,292	11,690	22,497	11,714	15,875	22,020	11,807	22,004	11,041	12,980	17,051	9,793	16,861
Winn	1,331	2,422	6,316	3,285	7,659	1,268	2,276	6,125	3,167	7,353	890	1,614	5,134	2,641	6,313
All other	495	706	1,601	583	3,045	485	744	1,633	562	3,086	130	242	383	340	2,486

MISSISSIPPI.

The state	1,620,325	1,442,881	1,483,408	1,168,059	1,774,464	1,655,945	1,468,177	1,530,748	1,198,572	1,798,917	1,441,947	1,120,908	1,184,914	951,656	1,415,376
Adams	14,155	20,455	23,836	14,737	24,323	14,124	20,455	22,406	13,823	23,837	13,213	15,467	19,144	11,437	20,464
Alcorn	8,611	6,301	6,953	6,477	8,774	8,954	6,398	7,265	6,464	9,167	8,266	5,348	6,134	5,432	8,036
Amite	25,889	25,568	25,683	18,517	32,229	25,490	25,353	26,315	18,295	31,254	24,870	20,343	21,921	17,079	28,690
Attala	21,367	23,387	20,184	18,018	28,389	20,474	23,013	20,592	18,270	29,056	19,356	19,229	17,770	14,556	23,431
Benton	8,445	7,295	6,512	5,967	8,621	8,458	7,329	6,702	6,134	8,673	7,624	5,671	4,970	4,593	7,104
Bolivar	85,466	68,593	71,669	48,194	82,123	93,314	74,775	79,605	52,821	87,741	71,044	46,834	47,854	39,269	62,668
Calhoun	13,227	11,359	11,615	9,768	14,462	13,386	11,418	11,810	10,081	14,867	11,651	9,010	9,894	7,252	11,193
Carroll	24,564	20,613	18,468	14,634	26,418	24,692	20,300	18,534	14,663	26,470	22,362	16,763	15,247	11,010	20,800
Chickasaw	23,033	16,671	18,383	14,097	22,246	24,152	17,231	19,699	15,140	22,859	21,248	14,715	17,189	11,877	18,756
Choctaw	9,263	8,746	9,730	7,194	12,115	9,263	8,749	10,002	7,381	12,332	8,542	7,472	8,787	5,828	10,354
Claiborne	21,397	24,183	23,644	18,610	23,228	19,959	22,582	22,315	17,233	22,072	20,540	19,423	18,820	14,663	19,001
Clarke	12,837	9,891	11,027	10,266	13,957	13,327	10,202	11,501	10,779	14,685	11,584	8,260	9,707	9,311	12,223
Clay	18,972	16,807	17,593	11,909	21,559	19,712	17,654	18,497	12,695	21,937	18,516	15,014	17,043	9,845	18,296
Coahoma	67,615	49,719	49,835	39,567	64,499	70,685	52,056	51,081	43,445	65,688	51,838	34,784	30,686	29,063	42,407
Copiah	32,233	30,689	33,862	30,402	36,540	31,318	30,450	33,611	30,341	34,354	30,242	25,501	29,412	26,268	32,517
Covington[1]	9,540	6,670	8,601	10,501	14,294	9,189	6,429	8,384	10,228	13,355	8,877	5,309	7,663	9,562	12,926
De Soto	29,887	22,098	26,120	19,591	27,315	31,895	23,035	28,199	20,022	28,887	26,196	17,785	19,121	15,993	23,273
Forest[2]	3,478	2,147	.....	.....	.....	3,493	2,098	.....	.....	.....	3,222	1,859	.....	.....	.....
Franklin	15,064	15,045	14,857	11,522	17,574	14,953	14,988	14,890	11,153	16,980	13,474	11,066	11,822	9,018	13,425
Greene	902	383	575	412	461	906	402	594	432	463	760	276	123	300	315
Grenada	16,085	11,911	13,632	9,917	16,842	16,027	11,530	13,621	9,977	17,347	14,613	10,091	10,867	7,602	12,660
Harrison	343	136	238	.....	.....	347	132	243	.....	.....	221	103	.....	.....	.....
Hinds	46,860	51,767	49,521	44,680	52,026	46,158	52,188	50,452	45,663	52,131	44,129	41,035	42,751	39,224	44,620
Holmes	48,389	50,802	47,084	34,481	56,173	48,842	52,126	48,445	34,826	54,723	42,950	40,126	38,006	27,500	47,831
Issaquena	11,650	15,446	16,378	13,851	21,433	12,256	16,580	17,845	15,042	22,416	9,491	7,540	8,746	8,766	12,169
Itawamba	9,850	9,097	10,292	8,388	10,944	10,248	9,264	10,642	8,556	10,966	8,826	7,467	9,400	7,127	9,707
Jasper	16,080	12,106	12,832	10,990	15,375	15,974	11,869	12,763	10,880	15,681	14,809	10,362	11,336	9,708	13,555
Jefferson	21,251	22,955	24,911	18,016	25,834	21,123	22,510	24,408	17,440	25,334	19,082	18,124	20,582	13,676	20,320
Jefferson Davis[1]	14,920	9,661	12,378	.....	.....	14,550	9,068	12,066	.....	.....	14,060	7,696	11,124	.....	.....
Jones	13,464	8,501	11,075	10,033	13,859	13,119	8,134	10,803	9,612	13,420	12,171	6,281	9,717	9,031	11,542
Kemper	19,807	21,837	22,263	16,739	29,650	20,144	22,671	23,626	17,442	31,230	17,742	17,818	18,525	13,967	23,599
Lafayette	18,068	15,176	15,054	13,357	20,820	17,978	14,781	15,211	13,090	20,943	16,095	12,020	11,602	10,765	16,873
Lamar	3,065	1,647	2,084	1,794	2,822	2,957	1,589	2,064	1,772	2,709	2,677	1,396	1,903	1,699	2,514
Lauderdale	22,315	20,322	23,196	18,445	28,638	22,145	20,310	23,201	18,556	28,069	19,727	16,618	19,636	16,065	23,583
Lawrence[1]	12,053	8,633	9,481	13,249	19,394	12,092	8,403	9,172	13,037	19,047	11,228	6,920	8,330	11,527	17,352
Leake	14,563	17,357	15,058	12,755	18,325	14,362	17,229	15,022	12,602	17,563	12,898	13,662	12,990	10,487	14,758
Lee	23,917	17,032	22,905	16,949	24,776	25,247	17,792	24,325	17,796	24,776	22,802	14,428	20,705	14,563	20,809
Leflore	61,395	41,988	37,866	31,069	50,157	63,175	42,097	39,426	31,939	50,356	49,420	33,640	25,533	24,224	34,504
Lincoln	23,322	19,261	20,947	17,598	25,276	23,378	19,369	21,043	18,126	25,276	21,797	15,999	18,178	15,309	22,712
Lowndes	22,394	22,009	24,064	15,842	27,224	22,345	21,930	24,449	15,937	29,406	21,318	19,080	22,428	13,470	23,825

[1] Jefferson Davis county organized from parts of Covington and Lawrence.

[2] Forest county organized from part of Perry.

TABLE 16.—QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1904 TO 1908, BY COUNTIES—Continued.

MISSISSIPPI—Continued.

COUNTY.	TOTAL NUMBER OF BALES GINNED (COUNTING ROUND AS HALF BALES)—					NUMBER OF EQUIVALENT 500-POUND BALES—					NUMBER OF BALES GINNED TO DECEMBER 13 (COUNTING ROUND AS HALF BALES)—				
	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904
Madison	29,749	35,306	29,849	27,598	32,555	29,910	35,971	30,766	29,033	33,590	28,316	28,622	26,129	23,840	27,748
Marion	9,732	7,171	8,486	7,298	11,828	9,321	7,069	8,598	7,196	11,365	8,879	6,196	7,385	6,485	10,059
Marshall	23,935	20,607	20,045	18,663	22,861	24,328	20,800	20,955	19,372	23,220	22,109	17,080	15,364	15,797	19,614
Monroe	31,402	27,657	28,754	20,632	32,776	34,341	30,417	31,733	22,736	36,287	30,092	23,703	27,464	18,280	28,763
Montgomery	19,199	16,869	15,348	11,877	17,876	19,068	16,295	15,099	11,782	17,876	17,317	13,157	12,881	9,106	14,770
Neshoba	15,205	13,766	12,807	10,499	16,339	14,709	13,560	12,674	10,499	16,403	12,362	10,520	9,753	8,395	12,205
Newton	20,475	17,899	18,043	15,323	23,602	20,127	17,602	17,992	15,170	23,185	18,168	14,204	15,262	13,017	19,680
Noxubee	27,697	28,613	25,873	20,544	31,913	28,655	29,449	26,691	21,489	31,913	26,020	24,352	24,399	17,718	25,891
Oktibbeha	13,045	11,443	11,833	8,792	14,430	14,206	11,901	12,375	9,109	15,176	12,519	10,070	11,298	7,086	12,850
Panola	40,026	31,478	27,474	23,755	38,988	42,091	32,351	28,699	24,943	41,275	38,244	26,120	21,413	19,914	31,638
Pearl River	1,223	539	1,174	821	1,303	1,186	511	1,161	788	1,237	1,079	423	898	622	1,271
Perry[1]	1,577	1,016	3,621	2,954	4,341	1,544	993	3,728	3,025	4,341	1,300	502	3,089	2,782	3,810
Pike	26,845	22,407	26,272	19,326	29,383	27,269	22,295	26,077	18,901	28,335	24,246	19,440	23,328	17,138	26,795
Pontotoc	15,826	12,147	14,915	11,453	18,132	16,260	12,450	15,974	12,049	18,558	14,994	10,412	13,787	9,338	15,324
Prentiss	13,513	11,533	12,265	10,742	15,861	14,283	11,916	13,119	10,785	16,182	12,720	9,504	10,924	9,133	13,975
Quitman	15,775	9,260	9,630	6,719	11,544	16,242	9,479	10,094	7,257	12,101	13,016	6,691	4,846	4,789	7,493
Rankin	18,472	18,338	19,242	16,841	22,299	18,217	18,265	19,384	16,774	22,166	16,639	14,308	15,170	14,035	18,116
Scott	11,933	12,039	12,217	10,088	15,700	11,649	11,817	12,303	9,947	14,836	10,226	9,622	10,268	8,521	13,361
Sharkey	19,671	20,581	20,622	17,849	24,977	21,898	23,005	23,604	19,991	27,466	16,343	12,533	13,099	13,251	16,152
Simpson	14,545	11,416	12,910	11,131	12,684	13,975	10,946	12,685	10,842	12,126	12,865	8,315	10,199	9,395	11,407
Smith	13,716	11,029	11,769	8,421	14,499	13,030	11,029	11,769	8,101	14,354	12,949	6,404	8,027	7,726	13,158
Sunflower	55,374	41,786	41,487	30,657	50,661	57,500	44,602	44,358	33,416	52,935	46,843	33,992	30,598	23,122	36,948
Tallahatchie	39,394	27,531	29,430	21,760	37,604	41,033	28,131	30,654	23,066	38,378	32,354	21,356	19,326	16,746	26,002
Tate	21,894	16,679	17,768	14,908	22,660	22,450	16,756	18,870	15,147	22,881	20,696	14,175	14,164	12,833	19,104
Tippah	9,856	7,658	8,057	6,569	10,502	10,367	7,681	8,453	6,832	11,008	8,811	6,050	6,808	4,910	8,655
Tishomingo	5,544	4,366	5,306	5,671	5,599	5,699	4,464	5,530	5,921	5,722	5,186	3,621	4,768	5,076	5,163
Tunica	38,534	23,148	29,783	23,321	39,517	40,838	24,305	31,272	23,554	39,962	30,423	16,100	19,485	18,827	26,930
Union	12,974	12,177	12,876	9,331	13,617	13,381	12,284	13,502	9,723	13,778	12,120	10,100	11,696	7,576	11,154
Warren	11,702	19,002	23,302	18,725	26,516	10,962	18,059	22,710	18,088	26,516	10,077	11,564	15,491	12,575	16,957
Washington	60,523	65,197	68,171	44,592	68,827	67,608	71,827	76,173	49,854	76,123	52,310	41,981	45,726	32,109	53,349
Wayne	6,135	5,577	6,394	5,689	8,206	6,517	5,725	6,664	5,962	8,698	5,625	4,383	5,614	5,231	7,393
Webster	11,504	9,943	10,024	8,424	11,512	11,474	10,060	10,172	8,542	11,512	10,437	8,491	9,361	6,872	9,806
Wilkinson	17,720	23,128	22,345	16,622	33,012	16,442	21,393	20,969	14,927	29,869	16,414	16,987	21,862	13,081	23,824
Winston	13,773	13,410	12,757	10,960	16,519	13,982	13,557	13,257	11,376	17,180	11,415	10,361	10,806	8,561	11,980
Yalobusha	19,471	15,265	15,979	11,636	22,345	19,326	15,113	16,096	11,822	22,565	17,664	12,541	12,918	9,252	16,821
Yazoo	46,531	52,609	46,137	39,328	54,776	45,699	51,584	45,726	38,856	53,723	41,688	36,475	35,642	31,451	38,398
All other	99	27	37	4	5	87	26	33	4	5	.....	18	.....	.....	.....

MISSOURI.

The state	58,057	34,105	51,763	40,314	49,498	61,907	36,243	54,358	42,730	51,570	50,610	23,674	34,141	33,538	39,653
Dunklin	30,326	19,225	30,084	22,919	26,953	32,602	20,459	31,179	24,157	27,627	26,906	13,460	19,380	19,017	21,690
New Madrid	7,464	4,396	6,506	4,936	6,894	7,715	4,595	6,902	5,272	7,390	6,481	3,222	4,402	4,145	5,592
Ozark	1,858	1,071	1,368	1,375	1,630	1,995	1,154	1,450	1,460	1,672	1,439	809	795	1,154	1,175
Pemiscot	11,402	6,501	9,379	8,302	8,652	12,430	6,873	9,957	8,933	9,465	9,861	4,401	6,734	6,902	7,259
Stoddard	4,889	1,635	2,701	1,565	2,970	4,986	1,844	3,023	1,649	2,970	4,314	1,062	1,901	1,349	2,105
Taney	923	508	576	666	1,090	940	514	608	682	1,123	696	267	369	611	956
All other	1,195	769	1,149	551	1,309	1,239	804	1,239	577	1,323	913	453	560	360	876

NORTH CAROLINA.

The state	683,628	637,961	611,258	652,815	749,712	646,958	605,310	579,326	[2]619,141	703,760	615,736	523,257	546,524	608,183	659,135
Alamance	1,265	1,352	1,292	801	1,347	1,119	1,200	1,150	657	1,145	954	944	1,079	650	669
Alexander	1,847	1,808	1,897	1,626	1,554	1,579	1,585	1,640	1,457	1,382	1,323	1,420	1,508	1,476	1,020
Anson	22,964	19,586	16,174	16,958	17,977	23,010	19,461	16,132	16,687	17,768	21,024	16,874	15,100	15,596	16,339
Beaufort	7,899	6,590	4,522	10,383	12,232	7,817	6,666	4,389	10,196	11,376	6,940	4,844	3,989	9,574	10,479
Bertie	9,808	9,007	10,490	10,221	12,764	10,016	8,863	10,593	10,446	12,790	7,449	5,611	8,361	8,757	10,642
Bladen	4,388	4,707	4,820	4,711	5,542	4,326	4,720	4,828	4,494	5,453	4,181	4,315	4,478	4,480	5,018
Brunswick	658	689	637	612	1,190	723	724	674	634	1,249	573	587	531	573	1,005
Cabarrus	10,347	10,217	9,032	11,608	12,447	9,765	9,784	8,770	11,190	12,223	8,841	8,286	8,299	10,805	10,877
Camden	1,776	1,647	1,847	3,249	2,490	2,019	1,778	1,987	3,392	2,679	1,651	1,091	1,638	3,029	2,202
Carteret	653	1,123	884	1,162	1,519	650	1,116	895	1,150	1,428	542	826	411	1,072	1,323
Catawba	7,958	8,467	7,985	8,129	8,745	7,153	7,559	7,178	7,332	8,273	6,722	6,761	7,100	7,682	7,940
Chatham[3]	8,486	7,583	8,305	7,787	9,863	7,259	6,565	7,192	6,697	8,877	7,421	5,880	7,417	7,085	7,584
Chowan	3,763	3,271	2,374	4,797	4,258	3,849	3,389	2,483	4,845	4,164	3,132	2,159	2,292	3,909	3,777
Cleveland	19,795	21,643	18,085	20,671	20,655	18,568	21,041	17,239	19,803	19,811	18,232	18,427	16,920	19,933	18,909
Columbus	4,506	4,287	3,747	3,732	5,809	4,485	4,305	3,775	3,725	5,751	4,233	3,728	3,501	3,519	5,323
Craven	3,956	4,619	3,814	8,593	10,886	3,785	4,365	3,736	8,438	10,455	3,347	3,425	3,349	7,828	9,902
Cumberland	13,719	13,389	10,953	10,928	11,327	12,835	12,503	10,410	10,447	10,240	13,178	11,903	10,480	10,571	10,492
Currituck	670	711	509	925	993	657	670	504	879	993	436	380	482	879	932
Davidson	3,645	2,558	2,913	3,255	2,968	3,278	2,335	2,700	2,975	2,719	2,787	1,961	2,400	2,913	2,561
Davie	2,443	2,312	2,188	2,166	1,663	2,182	2,057	2,055	1,936	1,520	1,791	1,507	1,779	1,925	1,359
Duplin	6,100	7,463	6,585	7,346	8,995	5,682	6,957	6,212	6,641	8,095	5,360	6,161	6,179	6,739	8,267
Durham	1,367	1,373	1,986	1,480	2,143	1,167	1,163	1,696	1,252	1,929	1,209	891	1,727	1,377	1,813
Edgecombe	28,694	25,174	30,422	28,948	35,322	26,416	22,984	28,238	26,169	31,801	25,840	19,724	25,197	27,248	31,158
Franklin	15,002	12,191	14,347	13,749	16,327	13,349	11,004	12,812	12,457	14,388	13,804	10,354	12,548	13,144	14,417
Gaston	12,829	13,912	12,817	14,198	13,974	11,718	12,830	11,879	13,261	12,577	11,374	11,968	11,861	13,323	12,646

[1] Forest county organized from part of Perry.
[2] Includes 7,200 pounds in Guilford county not baled.
[3] Lee county organized from parts of Chatham and Moore.

TABLE 16.—QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1904 TO 1908, BY COUNTIES—Continued.

NORTH CAROLINA—Continued.

COUNTY.	TOTAL NUMBER OF BALES GINNED (COUNTING ROUND AS HALF BALES)—					NUMBER OF EQUIVALENT 500-POUND BALES—					NUMBER OF BALES GINNED TO DECEMBER 13 (COUNTING ROUND AS HALF BALES)—				
	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904
Gates	3,280	2,985	2,959	3,570	4,105	3,331	3,111	3,123	3,756	4,187	2,939	2,274	2,548	3,155	3,627
Granville	1,850	1,681	2,031	1,883	2,551	1,620	1,526	1,798	1,702	2,388	1,508	1,279	1,862	1,762	2,269
Greene	8,546	8,835	9,452	9,933	13,776	8,358	8,773	9,478	9,714	13,445	7,864	7,220	8,408	9,439	12,509
Guilford	534	655	339	389	550	410	581	302	327	427	382	276	257	259	215
Halifax	21,084	16,883	23,303	21,443	25,070	20,371	15,914	21,793	20,285	22,471	18,910	12,411	18,291	18,846	21,761
Harnett	10,870	9,750	7,883	8,084	10,566	9,661	8,798	6,885	7,114	9,404	10,213	8,817	7,563	7,754	9,882
Hertford	4,604	4,112	4,869	4,788	5,899	4,598	4,151	4,910	4,845	5,675	3,889	2,736	3,915	4,050	4,874
Hyde	451	541	573	1,039	1,019	390	601	600	1,103	1,015	349	222	362	799	635
Iredell	14,221	13,991	12,986	14,304	16,326	13,228	13,339	12,163	13,503	15,047	11,352	11,327	11,050	13,207	13,534
Johnston	34,638	33,339	28,843	25,051	33,731	30,800	29,685	26,126	22,245	29,486	32,398	28,152	27,180	23,763	30,418
Jones	4,123	4,441	3,749	6,302	7,368	4,078	4,434	3,701	6,264	7,383	3,509	3,657	3,512	5,849	6,168
Lee[1]	4,442	3,869	.....	.....	.....	3,777	3,247	.....	.....	.....	3,884	2,984	.....	.....	.....
Lenoir	7,850	9,134	8,864	10,922	13,703	7,839	9,174	8,625	10,529	13,566	7,438	7,944	8,506	10,610	13,186
Lincoln	8,622	8,631	7,844	7,749	9,777	7,629	7,448	6,936	6,897	9,132	7,594	7,393	6,663	7,309	8,568
Martin	6,572	5,724	6,708	5,653	7,443	6,496	5,710	6,646	5,630	7,175	5,603	4,218	5,790	4,749	6,183
Mecklenburg	32,415	31,825	27,672	32,627	33,452	32,123	31,112	27,130	31,974	31,869	28,705	27,115	25,521	30,231	28,640
Montgomery	4,835	3,845	3,589	4,070	4,828	4,628	3,681	3,432	3,834	4,345	4,168	3,143	3,065	3,581	3,822
Moore[1]	1,860	1,377	5,025	5,014	6,342	1,623	1,180	4,383	4,342	5,708	1,578	1,061	4,445	4,484	5,499
Nash	20,628	16,283	20,315	17,389	22,590	18,062	14,524	18,353	15,581	19,910	17,849	12,149	16,882	16,119	19,224
Northampton	11,726	9,123	12,043	11,790	15,372	11,606	9,172	12,031	11,790	15,015	10,133	6,366	10,060	10,498	12,909
Onslow	2,187	2,714	2,946	3,976	4,930	2,066	2,610	2,869	3,881	4,841	1,696	2,114	2,490	3,493	4,169
Orange	1,608	1,348	1,669	1,690	2,220	1,355	1,159	1,443	1,491	1,998	1,352	975	1,325	1,477	1,726
Pamlico	2,990	3,052	2,739	4,238	5,354	3,085	3,149	2,792	4,391	5,782	2,549	2,328	2,014	3,952	4,274
Pasquotank	3,119	2,688	3,096	4,714	3,980	3,339	2,797	3,246	4,827	4,036	2,720	1,852	2,853	4,507	3,612
Pender	583	862	980	1,074	1,767	574	902	872	1,018	1,767	448	642	831	896	1,526
Perquimans	5,930	4,640	3,783	6,836	5,901	5,969	4,780	3,926	6,918	6,007	5,323	3,337	3,457	6,352	5,386
Pitt	20,729	21,449	19,933	21,122	26,646	19,954	21,085	19,470	20,784	25,798	18,551	16,892	18,475	19,694	23,383
Polk	2,182	463	203	646	657	1,981	427	186	547	591	1,986	451	197	600	503
Randolph	655	680	897	993	1,256	555	582	720	858	1,118	450	422	396	826	895
Richmond	11,494	9,702	8,208	7,742	8,224	11,738	9,564	7,326	7,850	7,402	10,816	8,949	7,301	7,177	7,673
Robeson	51,445	47,104	38,476	41,608	40,166	51,438	46,526	37,783	41,442	38,006	49,243	41,304	36,488	40,452	36,389
Rowan	10,134	8,695	8,206	10,072	10,382	9,554	8,104	7,668	9,689	9,904	8,092	6,632	7,123	9,302	9,158
Rutherford	8,276	8,088	6,881	7,170	7,492	7,513	7,454	6,300	6,525	7,132	7,589	6,830	6,384	6,888	6,890
Sampson	14,226	15,579	11,241	11,469	14,031	12,917	13,890	10,549	10,574	12,824	13,261	13,442	9,157	11,164	12,042
Scotland	25,995	21,564	18,468	20,266	15,548	26,343	21,655	18,597	20,469	15,548	25,391	19,422	17,905	19,738	14,489
Stanly	8,272	6,899	6,449	7,310	8,114	7,705	6,427	5,791	6,214	7,319	7,023	5,300	5,577	6,655	6,083
Tyrrell	842	803	677	1,397	1,542	756	758	688	1,456	1,557	528	495	464	1,271	1,056
Union	27,430	24,731	22,066	25,094	28,693	25,378	23,420	21,099	23,488	27,551	24,488	21,027	20,389	22,378	23,907
Vance	3,655	3,245	4,507	5,394	6,065	3,352	2,998	4,450	4,898	5,519	3,514	2,636	4,227	5,243	5,560
Wake	28,331	24,905	26,770	26,411	31,673	24,642	22,011	23,627	22,449	27,691	26,198	20,786	24,742	25,189	28,321
Warren	9,649	7,739	9,096	10,238	10,658	8,840	7,134	8,305	9,542	9,635	9,162	5,998	8,149	9,536	9,431
Washington	2,672	2,395	2,262	3,906	4,366	2,762	2,500	2,341	4,054	4,357	2,426	1,849	1,931	3,564	3,867
Wayne	24,683	27,348	23,283	22,132	30,245	23,469	26,041	22,245	20,937	29,337	22,944	23,837	21,851	21,223	27,718
Wilson	18,809	18,522	20,694	17,260	22,264	17,590	17,514	19,403	16,224	21,241	17,375	14,964	18,291	16,054	20,498
All other	43	43	56	22	80	48	38	48	20	65	2	2	1	1	2

OKLAHOMA.

The state.	689,345	848,977	871,961	660,027	796,382	690,752	862,383	897,826	677,106	804,318	494,984	685,595	643,667	532,362	702,980
Adair	1,179	176	584	747	1,183	1,165	175	599	789	1,204	1,025	176	443	589	814
Atoka	1,408	2,251	4,719	3,367	3,612	1,391	2,257	4,920	3,501	3,774	1,099	1,922	3,974	2,729	3,407
Beckham	9,791	31,056	33,228	25,649	24,552	9,444	31,577	34,567	26,233	24,673	5,888	21,127	15,564	20,900	21,021
Blaine	2,008	6,361	4,807	1,736	2,180	1,944	6,220	4,722	1,757	2,158	906	3,880	2,627	1,195	2,100
Bryan	6,622	8,758	20,737	21,043	31,804	6,746	9,009	21,620	21,759	33,394	6,296	7,751	18,804	16,566	30,769
Caddo	25,623	32,442	35,882	22,036	23,297	24,675	32,332	36,427	22,036	23,250	16,393	26,798	21,152	18,067	19,987
Canadian	2,713	2,468	3,035	310	335	2,611	2,341	2,992	314	335	1,761	2,056	1,913	240	325
Carter	11,018	18,105	21,195	22,999	33,737	11,404	18,974	22,127	23,959	33,748	9,176	14,829	16,568	18,537	32,374
Cherokee	6,938	5,263	5,229	3,917	5,882	7,028	5,231	5,356	4,007	5,993	5,570	4,661	4,115	3,509	4,641
Choctaw	3,692	4,685	11,746	5,194	8,466	3,744	4,769	12,317	5,281	8,983	3,478	4,265	10,376	4,132	8,073
Cleveland	9,750	16,829	21,507	14,105	23,102	9,651	17,326	22,144	14,381	23,533	7,060	14,991	16,971	11,484	21,365
Coal	2,510	4,087	4,270	5,347	7,003	2,537	4,231	4,455	5,601	7,300	2,008	3,511	3,658	4,523	6,457
Comanche	27,358	24,822	26,544	14,130	15,231	27,435	25,368	27,843	14,536	15,177	19,338	16,048	17,962	10,185	13,357
Creek	10,588	7,204	6,269	4,724	4,642	10,504	7,229	6,452	4,805	4,619	7,498	5,680	4,751	3,661	3,635
Custer	2,937	6,926	8,611	7,235	7,011	2,889	6,718	8,678	7,124	6,850	1,323	4,951	5,182	6,149	5,628
Dewey	525	1,775	1,372	688	655	510	1,702	1,383	711	650	252	787	739	636	428
Ellis	303	787	826	226	303	303	787	873	229	303	137	382	34	180	288
Garfield	388	1,263	100	.....	.....	354	1,249	105	.....	.....	223	961	.....	.....	.....
Garvin	11,828	29,354	25,673	18,448	35,287	11,631	29,536	25,101	19,057	35,360	9,028	25,804	19,633	14,476	33,855
Grady	8,669	13,585	10,040	6,512	9,433	8,570	13,667	10,596	6,603	9,622	5,952	11,703	6,820	5,565	8,691
Greer	40,674	51,810	33,715	40,394	30,336	41,496	54,587	35,670	42,171	30,806	24,970	38,219	17,759	31,876	25,974
Haskell	13,196	12,544	12,456	10,460	10,827	13,906	12,321	13,025	10,859	11,084	10,547	11,017	11,000	8,992	9,718
Hughes	20,893	23,414	20,463	13,512	24,167	20,684	23,916	21,347	13,622	24,501	15,102	20,270	17,139	10,379	20,915
Jackson	23,885	36,599	25,201	23,871	24,069	24,363	38,802	26,663	24,921	24,454	19,248	27,637	14,043	18,966	20,850
Jefferson	15,345	16,621	18,049	12,559	13,904	15,778	17,213	19,397	13,762	14,161	11,943	14,161	13,936	10,878	12,017
Johnston	5,925	13,179	17,432	19,420	21,013	5,958	13,564	18,240	20,391	21,262	4,811	10,863	15,422	13,935	20,235
Kingfisher	6,908	4,381	3,959	2,522	1,997	6,715	4,105	3,765	2,527	1,997	4,107	2,571	3,133	2,162	1,913
Kiowa	35,418	37,126	45,339	27,956	25,172	35,963	36,829	47,435	28,906	25,172	22,291	29,518	29,103	22,416	20,376
Latimer	1,638	1,327	1,349	1,206	1,295	1,706	1,359	1,468	1,328	1,350	1,440	1,083	1,194	1,094	1,188
Le Flore	17,235	13,835	15,569	15,583	18,026	17,774	14,171	16,249	16,379	18,462	14,424	12,058	13,170	13,285	16,290

[1] Lee county organized from parts of Chatham and Moore.

TABLE 16.—QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1904 TO 1908, BY COUNTIES—Continued.

OKLAHOMA—Continued.

COUNTY.	TOTAL NUMBER OF BALES GINNED (COUNTING ROUND AS HALF BALES)—					NUMBER OF EQUIVALENT 500-POUND BALES—					NUMBER OF BALES GINNED TO DECEMBER 13 (COUNTING ROUND AS HALF BALES)—				
	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904
Lincoln	45,459	46,057	59,931	35,507	33,700	44,561	45,700	60,632	36,353	34,251	31,625	38,646	46,235	28,001	24,980
Logan	21,564	27,933	24,556	12,929	8,620	20,939	27,279	23,458	12,665	8,620	13,391	22,202	19,003	10,801	7,293
Love	8,478	11,795	15,380	19,499	27,129	8,475	12,097	16,232	20,497	27,654	7,306	9,420	11,781	15,119	25,030
McClain	5,592	9,462	9,110	5,591	8,497	5,492	9,657	9,391	5,468	8,667	4,132	8,414	7,307	4,339	7,942
McCurtain	3,324	5,015	7,144	3,333	5,969	3,370	5,266	7,501	3,373	6,351	2,472	3,440	6,152	2,679	5,573
McIntosh	13,215	14,768	11,982	9,972	12,763	13,416	14,777	12,233	9,940	12,935	10,423	12,428	10,290	8,063	10,302
Marshall	4,456	10,963	12,818	16,893	19,364	4,532	11,154	13,499	17,890	19,433	3,909	9,532	10,234	14,212	18,326
Mayes	2,015	1,224	1,531	690	1,619	1,935	1,202	1,490	679	1,636	1,509	1,003	978	609	1,086
Murray	3,151	10,878	8,476	10,627	10,234	3,208	11,157	8,740	10,991	10,258	2,681	9,214	7,018	7,452	9,706
Muskogee	15,616	17,684	15,996	13,388	21,224	15,728	17,817	16,386	13,435	21,497	12,123	14,910	13,637	10,694	18,670
Noble	4,039	6,666	3,714	1,276	1,100	3,845	6,461	3,659	1,261	990	2,747	4,304	2,977	1,179	999
Okfuskee	19,645	20,003	12,184	7,750	6,543	20,011	20,339	12,509	7,730	6,586	14,222	16,658	9,771	6,344	5,214
Oklahoma	9,229	11,227	15,868	7,983	9,698	9,267	11,256	16,105	8,043	9,627	6,324	9,777	12,301	6,954	8,062
Okmulgee	9,415	6,433	8,028	4,656	5,071	9,756	6,496	8,260	4,656	5,101	6,241	5,553	6,756	3,840	3,860
Osage	3,129	1,364	833	423	450	3,209	1,416	851	414	468	2,161	997	638	325	386
Pawnee	11,796	9,123	8,750	4,956	5,220	11,434	9,019	8,545	4,801	5,004	8,252	6,559	7,013	4,159	4,291
Payne	21,775	20,347	21,492	10,983	10,108	21,327	20,094	21,159	10,708	9,690	15,119	17,113	18,448	10,059	8,353
Pittsburg	12,732	13,633	12,905	9,417	12,852	12,731	13,778	13,419	9,573	13,210	9,990	11,898	10,787	7,885	11,243
Pontotoc	13,797	20,070	19,813	20,471	36,139	14,015	20,500	20,405	20,928	36,273	10,099	17,873	16,439	18,373	31,771
Pottawatomie	31,111	37,339	46,004	33,389	55,515	30,679	37,197	46,933	33,503	54,848	23,381	34,200	37,132	25,233	49,293
Pushmataha	1,321	1,328	2,552	1,400	1,779	1,342	1,331	2,678	1,417	1,893	1,173	1,178	2,251	1,190	1,675
Roger Mills	1,381	5,751	4,957	3,245	3,532	1,368	5,851	5,105	3,290	3,532	248	4,415	2,918	2,659	2,964
Seminole	14,194	14,767	16,128	7,521	5,625	14,359	15,443	16,719	7,499	5,598	10,821	11,154	13,443	5,796	4,317
Sequoyah	21,014	19,628	21,230	18,264	24,408	20,726	20,048	21,766	18,690	24,726	16,451	17,639	17,877	15,143	22,614
Stephens	10,681	20,926	23,010	20,109	21,776	11,112	21,818	23,883	21,522	22,206	8,075	18,091	16,722	17,260	19,342
Tillman	20,460	16,298	12,648	4,356	4,184	21,111	16,389	13,621	4,487	4,167	12,979	10,689	8,253	3,436	3,551
Tulsa	2,464	1,157	1,334	2,237	2,267	2,338	1,162	1,322	2,212	2,267	1,933	1,047	1,014	1,785	2,004
Wagoner	13,048	9,338	8,784	6,671	11,760	13,233	10,419	8,954	6,418	11,995	9,989	8,649	6,947	5,177	9,287
Washita	15,188	22,075	21,706	20,152	20,049	15,274	22,629	22,436	20,661	19,985	10,366	15,925	11,922	16,072	17,812
Woodward	1,347	1,752	1,029	.....	.....	1,349	1,857	1,101	.....	.....	673	696	28	.....	.....
All other	1,744	4,990	2,162	443	666	1,731	5,209	2,298	453	675	875	2,291	210	218	343

SOUTH CAROLINA.

The state	1,215,848	1,163,565	912,602	1,112,363	1,192,925	1,170,608	1,119,220	876,181	1,078,047	1,151,170	1,134,183	1,014,356	838,828	1,042,877	1,085,725
Abbeville	34,572	41,812	32,925	34,414	36,290	34,164	41,235	32,497	33,519	35,212	31,683	36,505	29,876	32,160	31,634
Aiken	34,587	34,720	23,018	33,393	35,694	33,643	33,637	21,710	34,462	35,410	32,474	31,827	22,054	32,298	33,734
Anderson	63,183	65,182	50,791	55,754	66,067	61,981	63,651	49,772	54,750	65,023	57,947	56,019	45,449	52,459	57,435
Bamberg	21,897	16,562	16,186	22,238	23,917	22,891	17,248	16,678	23,394	23,917	21,246	15,055	15,052	21,014	22,616
Barnwell	41,599	39,012	31,031	41,349	46,400	43,666	40,749	32,365	40,439	48,256	40,187	34,892	29,380	39,232	43,036
Beaufort	6,916	7,570	6,041	8,159	7,101	6,200	6,866	5,334	7,323	6,518	5,613	5,924	5,130	7,009	6,087
Berkeley	18,175	17,668	12,242	17,720	18,409	16,305	15,966	11,022	15,786	17,481	17,260	15,304	11,182	15,640	16,955
Calhoun[1]	23,973	22,145	.....	.....	.....	21,494	16,538	.....	.....	.....	22,170	18,744	.....	.....	.....
Charleston	13,126	11,717	7,636	10,812	10,650	9,394	8,546	5,476	7,869	7,677	10,782	9,274	6,546	8,450	8,712
Cherokee	14,867	14,915	12,466	14,311	15,293	14,284	14,318	11,848	12,994	13,764	13,866	12,647	12,053	13,742	14,457
Chester	26,903	27,351	23,013	25,259	26,531	25,456	25,147	22,378	23,946	24,985	25,809	24,286	21,675	23,659	24,145
Chesterfield	22,726	16,647	14,994	14,974	15,891	22,026	15,958	14,187	14,585	15,069	20,835	14,019	13,290	13,610	14,092
Clarendon	29,889	29,608	21,696	30,964	34,499	29,757	29,857	21,718	33,937	36,081	28,320	27,476	20,494	28,744	30,956
Colleton	16,315	14,745	11,324	14,576	14,977	15,759	13,975	10,813	14,020	14,180	15,207	13,491	10,760	13,680	13,766
Darlington	39,724	31,129	24,513	27,948	32,342	40,503	30,886	24,557	28,395	31,437	37,675	28,321	23,135	26,639	31,112
Dorchester	11,758	10,529	8,313	8,848	10,230	11,074	10,013	7,894	8,388	9,657	11,423	9,789	7,773	8,452	9,784
Edgefield	26,201	31,663	22,205	28,862	28,668	25,289	30,536	21,188	27,534	26,219	24,738	29,105	20,742	27,592	26,296
Fairfield	28,662	28,457	23,578	27,024	26,931	28,347	28,161	23,210	26,754	27,146	26,844	25,349	22,347	25,832	24,731
Florence	30,855	28,041	22,574	27,756	27,962	29,689	27,615	22,271	28,422	28,967	29,695	25,720	21,485	26,961	26,419
Georgetown	3,713	2,348	1,334	2,496	2,338	3,889	2,359	1,344	2,561	2,319	3,500	2,152	1,229	2,368	1,969
Greenville	40,323	40,670	30,881	37,269	40,956	36,794	36,972	27,967	32,945	36,937	35,406	33,456	27,369	34,513	36,670
Greenwood	34,360	37,486	28,641	31,811	31,058	33,370	36,594	27,793	30,093	28,948	31,807	33,259	26,417	30,363	27,227
Hampton	15,974	14,390	11,343	19,088	18,268	16,514	14,678	11,139	19,813	19,288	14,967	13,168	9,140	18,241	17,159
Horry	8,372	6,613	5,997	7,158	9,661	8,019	6,204	5,713	6,986	9,622	7,185	5,653	5,077	6,619	8,625
Kershaw	21,341	18,084	15,042	19,645	19,901	21,721	18,323	14,738	20,234	19,583	20,232	16,167	14,256	17,975	18,768
Lancaster	25,313	22,501	19,880	22,152	22,263	24,346	20,773	18,329	20,912	19,966	23,817	19,351	18,913	20,148	20,401
Laurens	42,439	46,431	36,874	43,645	43,555	40,096	44,230	35,436	41,637	41,222	39,182	40,176	33,413	41,360	39,141
Lee	35,136	26,624	19,628	27,022	36,168	34,033	28,253	20,338	27,617	36,673	32,793	21,319	17,589	26,344	34,129
Lexington[1]	21,934	23,270	17,144	20,656	20,323	19,552	21,036	15,200	18,714	18,310	19,993	19,999	15,886	19,132	18,308
Marion	49,032	44,675	33,565	42,738	45,150	47,115	42,325	31,521	39,917	42,893	46,499	39,132	31,028	40,484	41,523
Marlboro	58,598	53,366	40,821	44,375	42,038	57,930	52,768	39,670	44,109	39,867	56,171	46,907	36,331	42,545	38,636
Newberry	37,501	40,656	34,793	39,453	40,074	34,636	37,379	32,323	36,612	36,868	34,806	35,278	32,326	36,930	36,655
Oconee	17,979	16,761	11,876	14,254	16,205	16,620	15,283	10,800	15,024	15,103	16,032	14,232	10,733	13,133	13,786
Orangeburg[1]	53,724	43,032	60,319	75,355	87,991	50,847	46,109	58,533	73,396	85,365	50,429	38,613	56,128	69,674	82,519
Pickens	19,410	18,957	13,501	15,681	16,063	17,504	17,175	12,259	13,988	14,964	17,084	13,753	11,164	13,918	12,846
Richland	15,655	14,739	10,549	14,391	17,042	15,376	14,023	9,538	13,873	16,156	14,137	11,542	9,514	12,799	15,797
Saluda	22,935	24,353	19,218	21,172	22,513	22,054	23,067	18,411	20,113	21,241	21,323	21,757	17,739	19,801	20,385
Spartanburg	59,705	60,961	48,328	56,401	57,970	55,915	55,765	45,089	51,663	55,535	55,086	50,362	42,631	52,703	53,240
Sumter	35,186	28,811	22,645	32,440	39,062	35,123	29,151	21,843	33,219	40,468	33,544	26,301	21,742	30,802	34,942
Union	19,688	19,528	15,436	18,282	20,298	18,534	18,602	14,880	17,551	19,188	18,536	16,668	14,487	17,129	17,858
Williamsburg	28,470	26,298	15,463	25,176	25,909	27,895	26,219	15,061	25,377	26,168	27,297	24,249	14,264	23,892	23,511
York	43,132	43,538	34,778	37,342	40,267	40,803	41,030	33,338	35,176	37,487	40,583	37,115	33,029	34,831	35,663

[1] Calhoun county organized from parts of Lexington and Orangeburg.

TABLE 16.—QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1904 TO 1908, BY COUNTIES—Continued.

TENNESSEE.

COUNTY.	TOTAL NUMBER OF BALES GINNED (COUNTING ROUND AS HALF BALES)—					NUMBER OF EQUIVALENT 500-POUND BALES—					NUMBER OF BALES GINNED TO DECEMBER 13 (COUNTING ROUND AS HALF BALES)—				
	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904
The state.	334,084	266,433	293,023	269,030	320,317	344,485	275,235	[1] 306,037	[2] 278,637	[3] 329,319	302,627	204,450	220,552	225,447	271,181
Benton	1,274	644	1,057	915	1,357	1,316	739	1,140	939	1,395	1,176	387	685	827	1,145
Bradley	751	447	458	560	825	657	404	414	510	701	535	340	380	530	723
Carroll	12,526	9,064	11,778	11,394	15,050	12,564	9,189	12,054	11,941	15,428	11,837	6,768	8,824	10,231	12,496
Chester	4,809	3,965	3,973	3,960	4,752	4,987	4,107	4,236	4,150	4,847	4,460	2,955	2,929	3,454	4,035
Crockett	10,394	8,287	10,407	7,681	9,557	10,984	8,826	11,406	8,050	10,054	9,980	6,798	8,250	7,046	8,585
Decatur	3,146	1,550	1,989	1,586	1,726	3,174	1,559	2,019	1,605	1,750	2,803	1,076	1,487	1,375	1,393
Dyer	22,851	15,203	17,760	16,026	19,731	23,811	16,066	18,648	16,122	20,481	21,564	11,897	13,191	12,701	16,795
Fayette	26,797	24,584	21,549	18,994	27,034	27,944	25,449	22,066	19,830	27,674	24,206	19,998	16,294	16,201	23,862
Gibson	20,660	15,042	19,618	14,960	17,904	20,131	14,774	19,190	15,259	18,230	19,918	11,615	15,366	12,940	16,054
Giles	9,171	7,088	9,901	11,946	13,730	9,175	7,078	10,107	11,922	13,490	7,782	4,739	7,331	10,145	10,914
Hardeman	17,373	13,398	12,950	12,011	16,130	17,602	13,454	13,600	12,539	16,515	15,881	10,214	10,196	10,101	13,673
Hardin	7,123	4,490	5,774	6,472	7,069	7,293	4,670	6,130	7,029	7,267	6,655	3,624	4,877	5,695	6,552
Haywood	19,895	15,435	17,601	14,292	17,474	20,782	15,722	18,481	14,806	18,183	17,536	11,995	11,846	12,154	14,213
Henderson	8,462	6,301	6,837	7,424	8,184	8,508	6,435	7,074	7,704	8,380	7,805	4,886	5,048	6,438	6,801
Henry	2,559	1,985	2,854	1,950	2,426	2,596	2,042	2,909	2,168	2,664	2,408	1,404	2,247	1,521	1,972
Lake	15,362	12,172	12,478	13,690	12,333	15,611	13,009	12,887	14,676	12,573	12,962	8,278	8,252	9,692	9,921
Lauderdale	25,039	23,072	22,998	22,423	20,292	25,540	23,996	24,148	24,082	20,686	23,389	17,671	16,695	17,686	17,152
Lincoln	5,754	4,355	5,993	6,930	8,066	5,947	4,381	6,205	7,166	8,276	5,267	3,308	5,361	6,290	6,998
McMinn	1,519	914	1,006	861	1,219	1,391	824	1,032	806	1,104	1,244	740	873	753	920
McNairy	9,663	5,546	7,617	7,948	9,850	10,133	5,871	8,115	8,488	10,185	9,022	4,296	6,142	7,014	8,274
Madison	16,625	12,792	13,755	13,258	19,008	17,150	13,181	14,443	12,860	19,455	15,057	10,517	10,148	11,240	16,072
Maury	133	87	431	233	820	125	83	379	220	820	63	18	302	191	453
Obion	3,976	2,958	4,747	4,090	7,204	4,254	3,012	4,986	4,131	7,276	3,492	2,436	3,607	3,475	5,612
Polk	1,628	1,080	1,323	981	1,333	1,510	975	1,276	926	1,333	400	847	1,159	848	1,086
Rutherford	7,802	6,070	8,924	9,672	12,288	7,833	6,155	9,245	9,324	11,814	6,590	4,409	7,002	8,607	9,101
Shelby	44,664	40,475	38,381	31,436	34,947	47,389	42,183	40,876	33,448	37,134	39,172	30,934	28,486	25,525	29,547
Tipton	29,499	26,128	24,982	22,807	22,626	31,187	27,671	27,011	23,172	23,933	27,323	20,193	19,480	18,661	20,804
Wayne	533	312	557	742	450	521	320	502	806	450	351	112	376	643	389
Weakley	2,879	2,374	4,115	2,790	5,738	3,137	2,443	4,235	2,929	6,025	2,711	1,710	3,065	2,572	4,820
All other	1,217	615	1,210	998	1,194	1,233	617	1,223	1,029	1,196	1,038	285	653	891	819

TEXAS.

The state.	3,627,350	2,208,021	3,957,619	2,432,718	3,062,203	3,814,485	2,300,179	4,174,206	2,541,932	3,145,372	3,368,183	1,989,968	3,485,565	2,172,881	2,953,067
Anderson	13,723	8,783	13,789	6,626	11,564	14,327	8,899	13,943	6,652	11,841	13,166	7,969	13,472	6,318	11,421
Angelina	3,016	1,076	2,504	674	1,625	3,080	1,055	2,522	650	1,550	2,770	907	2,313	567	1,417
Archer	5,349	1,714	761	52	70	5,369	1,790	819	55	70	2,157	335	620	.....	70
Atascosa	10,360	3,776	7,923	5,788	2,002	10,774	3,921	8,215	5,985	2,082	10,068	3,748	7,824	5,563	1,949
Austin	17,557	14,303	30,532	21,665	20,997	19,051	15,467	33,337	23,587	23,075	17,167	13,256	29,429	20,989	20,494
Bandera	1,689	1,073	2,493	1,643	2,773	1,766	1,127	2,609	1,728	2,873	1,667	1,010	2,360	1,581	2,697
Bastrop	29,081	15,582	32,514	23,129	15,487	31,422	16,620	35,093	24,667	16,565	28,606	14,747	31,309	22,385	15,294
Baylor	8,500	7,886	9,340	4,851	2,121	9,037	8,302	10,027	4,861	2,206	7,852	6,748	4,689	3,593	1,859
Bee	12,433	7,696	11,311	7,146	2,318	13,080	8,125	11,874	7,546	2,386	12,399	7,653	11,227	6,998	2,285
Bell	86,061	52,853	83,962	56,671	63,519	93,027	56,515	90,090	60,608	69,441	84,928	50,842	79,822	55,343	62,943
Bexar	23,595	11,055	19,499	12,678	8,133	24,685	11,628	20,501	13,312	8,475	23,295	10,931	19,319	12,352	8,001
Blanco	5,388	2,322	5,359	3,797	3,972	5,732	2,455	5,656	4,032	4,131	5,313	2,249	5,321	3,773	3,955
Bosque	34,950	17,481	39,704	19,340	24,579	37,330	18,482	42,002	20,285	26,234	34,132	16,747	35,086	18,412	24,333
Bowie	15,901	16,246	23,734	6,652	21,654	16,340	16,792	25,196	6,625	22,130	15,431	14,317	21,952	4,771	19,747
Brazoria	3,353	3,495	2,794	2,961	2,832	3,602	3,756	2,855	3,085	2,849	3,073	2,941	2,587	2,826	2,682
Brazos	18,470	14,255	33,699	18,838	19,251	19,370	14,850	35,876	19,215	20,009	18,152	13,558	31,244	18,605	19,026
Briscoe	1,040	1,035	243	.....	.....	977	1,079	253	.....	.....	762	.....	.....	.....	.....
Brown	43,574	14,363	37,107	18,986	22,795	45,535	14,972	39,445	20,277	23,342	39,467	13,341	28,421	17,799	22,526
Burleson	17,287	12,628	33,613	20,161	18,775	18,794	13,437	36,880	21,826	19,950	17,085	11,657	30,567	19,753	18,437
Burnet	14,344	8,453	16,174	9,916	10,710	15,463	8,946	17,125	10,491	11,245	14,232	8,024	15,668	9,793	10,602
Caldwell	52,313	21,329	55,541	36,602	26,488	56,079	22,915	59,341	39,015	28,015	51,355	20,404	53,995	35,336	25,693
Calhoun	2,542	1,742	1,994	829	786	2,755	1,846	2,094	875	788	2,471	1,023	1,911	797	740
Callahan	22,204	11,305	17,596	12,198	12,345	23,874	11,884	18,620	12,954	12,345	19,804	10,576	13,082	10,697	11,729
Cameron	2,676	1,807	2,448	781	207	2,725	1,827	2,543	843	207	2,555	1,632	1,581	704	190
Camp	7,552	5,902	10,632	3,253	10,460	7,520	5,795	10,845	3,097	10,460	7,314	5,271	10,302	2,293	9,817
Cass	18,789	13,883	25,205	9,052	24,108	18,537	13,505	25,089	8,744	23,640	17,897	11,664	24,004	6,486	21,617
Cherokee	6,684	3,987	8,612	6,241	16,748	6,815	3,922	8,757	6,179	16,581	6,509	3,444	8,452	5,891	16,302
Childress	8,582	12,945	5,940	3,455	2,129	8,678	13,543	5,940	3,455	2,129	6,164	9,998	720	894	771
Clay	19,790	14,577	23,090	10,783	9,303	20,443	14,997	24,854	11,430	9,582	15,859	13,717	18,661	9,932	8,607
Coke	8,938	853	10,343	4,871	4,041	9,480	903	10,868	5,192	4,203	8,236	684	7,160	4,492	3,754
Coleman	59,891	17,791	44,213	19,434	21,894	62,451	18,842	46,751	20,403	22,549	52,950	15,343	31,814	18,681	21,299
Collin	69,248	47,579	55,917	39,722	86,167	68,203	48,543	56,554	39,920	86,306	66,287	39,674	46,902	31,035	85,128
Collingsworth	2,789	4,813	4,653	2,320	1,968	2,821	5,029	4,886	2,427	2,066	2,015	3,435	168	1,612	1,768
Colorado	11,862	14,427	25,063	18,039	13,337	12,920	15,838	27,509	19,915	14,751	11,500	13,505	24,324	17,644	12,691
Comal	14,692	6,959	13,850	10,428	10,995	15,823	7,487	14,842	11,116	11,677	14,508	6,775	13,741	10,074	10,941
Comanche	57,819	26,978	53,546	37,133	45,325	61,242	28,165	57,615	39,807	46,231	51,397	23,791	40,109	32,399	43,514
Concho	14,224	1,948	9,582	4,153	2,697	14,984	2,074	10,069	4,344	2,773	11,515	1,458	6,003	4,049	2,401
Cooke	18,367	22,956	20,900	23,499	29,388	19,432	23,989	22,003	24,674	29,563	16,918	19,793	17,018	18,910	28,048
Coryell	39,411	23,554	55,035	27,634	30,346	42,130	24,882	57,699	29,892	31,728	38,785	22,727	47,558	26,910	30,278
Cottle	3,712	3,950	3,010	2,438	620	3,747	4,029	3,191	2,594	620	2,086	.....	510	683	570

[1] Includes 60,030 pounds in McMinn county not baled.
[2] Includes cotton not baled, as follows: Dekalb, 7,650 pounds; Overton, 2,660 pounds; Sevier, 27 pounds; Warren, 300 pounds.
[3] Includes 3,200 pounds in Dekalb county not baled.

TABLE 16.—QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1904 TO 1908, BY COUNTIES—Continued.

TEXAS—Continued.

COUNTY.	TOTAL NUMBER OF BALES GINNED (COUNTING ROUND AS HALF BALES)—					NUMBER OF EQUIVALENT 500-POUND BALES—					NUMBER OF BALES GINNED TO DECEMBER 13 (COUNTING ROUND AS HALF BALES)—				
	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904
Dallas	68,469	31,647	54,194	35,039	64,797	70,705	31,223	54,096	34,613	65,918	65,323	28,847	47,884	28,872	63,963
Dawson	755	1,253	1,583	.....	.....	749	1,300	1,724	.....	.....	359	709	339	.....	.....
De Witt	29,806	23,600	39,030	37,147	18,942	30,424	24,335	39,188	37,251	18,945	29,175	23,020	38,350	35,620	18,718
Delta	22,452	10,688	29,719	14,196	29,374	23,620	11,185	31,651	14,751	30,475	21,663	9,020	26,278	11,723	28,099
Denton	30,141	27,118	30,094	31,991	47,328	31,313	27,787	30,555	32,526	47,271	27,960	23,376	25,176	26,066	46,456
Dickens	1,411	1,611	1,696	910	751	1,488	1,679	1,832	974	751	942	1,928	976	491	460
Duval	7,223	1,936	5,498	5,429	1,966	7,551	1,966	5,683	5,559	1,974	6,938	1,856	5,219	5,373	1,939
Eastland	50,611	28,808	47,998	36,590	39,223	53,931	30,318	51,262	38,859	39,223	44,144	25,424	34,618	29,965	37,290
Ellis	138,041	76,835	152,300	71,135	125,844	145,642	79,313	158,348	73,308	131,850	126,802	70,944	140,097	58,655	123,754
Erath	52,081	25,237	58,355	36,555	46,682	57,673	26,254	62,249	38,992	46,682	48,549	23,750	46,295	31,202	44,150
Falls	54,242	34,144	66,822	41,900	43,656	59,347	37,015	71,999	45,010	43,970	51,845	31,659	60,197	41,063	43,250
Fannin	45,951	29,895	64,422	45,598	83,742	47,593	31,009	67,404	46,950	86,556	42,677	25,050	57,241	35,887	81,031
Fayette	26,189	23,568	44,250	41,290	27,815	28,158	25,392	48,410	44,593	30,373	25,355	22,171	43,267	40,688	27,762
Fisher	14,236	12,376	15,078	8,482	4,081	14,581	13,106	15,609	9,025	4,081	10,979	10,837	5,200	5,593	3,607
Foard	7,433	4,500	3,770	2,032	581	7,604	4,725	4,008	2,077	604	5,213	2,599	201	1,119	538
Fort Bend	16,210	15,823	28,106	17,300	14,147	16,758	16,858	29,967	18,061	15,398	15,404	14,827	21,066	16,821	13,807
Franklin	5,962	4,468	9,379	4,093	9,939	6,123	4,541	9,743	4,109	9,840	5,816	4,071	9,173	3,123	9,604
Freestone	17,402	11,792	20,492	9,974	9,547	17,837	12,268	21,705	10,453	9,872	16,979	11,032	20,196	9,627	9,526
Frio	16,625	4,835	13,312	7,823	3,163	17,593	4,842	14,020	8,230	3,618	15,595	4,650	12,943	7,624	3,081
Gillespie	15,565	6,470	16,453	10,434	13,282	16,521	6,852	17,328	11,102	13,946	15,355	6,185	16,193	10,297	13,140
Goliad	11,608	9,573	13,461	10,061	4,467	11,042	9,611	13,397	10,043	4,518	11,445	9,449	13,172	9,881	4,404
Gonzales	30,619	19,778	37,339	25,729	14,916	32,882	21,147	39,838	27,477	15,350	29,898	19,499	36,945	25,250	14,860
Grayson	34,268	39,120	36,992	42,306	84,656	34,398	38,839	36,326	42,756	82,541	32,843	31,928	31,063	31,807	81,878
Gregg	7,248	3,261	6,970	3,981	11,513	7,307	3,153	7,020	3,830	11,467	7,084	3,029	6,866	3,266	10,222
Grimes	13,146	10,873	25,789	14,801	18,518	14,066	11,341	27,244	15,511	19,481	12,927	9,830	24,674	14,472	18,167
Guadalupe	47,680	20,939	43,679	36,651	31,653	50,570	22,303	46,902	38,959	33,179	46,729	20,267	43,172	35,482	31,490
Hall	17,088	18,061	11,807	5,508	3,607	17,235	18,715	12,319	5,651	3,679	10,878	13,135	5,915	4,150	3,133
Hamilton	31,982	15,429	36,670	18,268	22,070	34,234	16,463	39,574	19,656	22,820	30,943	14,953	29,698	16,953	21,808
Hardeman	9,885	8,765	9,653	7,336	2,803	10,195	9,263	10,385	7,732	2,859	5,859	7,195	5,314	4,631	2,348
Harris	4,194	3,688	5,576	4,276	4,499	4,499	3,933	5,834	4,402	4,592	3,797	3,256	5,024	3,824	4,121
Harrison	16,844	7,883	18,131	11,155	29,371	17,221	7,694	18,236	10,910	28,960	16,072	6,851	17,487	8,479	27,540
Haskell	18,605	21,481	10,801	12,921	8,866	19,669	23,204	11,678	13,748	9,043	6,750	18,805	6,796	6,975	6,912
Hays	33,235	14,301	27,001	19,586	19,448	35,637	15,404	28,761	20,664	20,453	32,859	13,432	26,407	19,081	19,066
Henderson	8,992	5,881	10,697	6,306	14,800	9,339	5,829	10,982	6,281	14,859	8,912	5,400	10,638	6,049	14,761
Hill	100,570	65,247	129,545	63,859	87,307	107,976	68,501	139,719	67,944	93,704	96,328	61,489	123,280	59,075	84,922
Hood	18,431	9,989	21,643	12,648	16,324	18,763	10,147	22,283	12,828	16,105	17,198	9,468	18,211	11,427	15,477
Hopkins	25,532	17,459	35,243	18,528	40,320	26,141	17,437	36,664	18,746	42,308	25,212	16,027	33,566	14,480	39,442
Houston	17,448	9,333	20,049	7,430	11,077	18,171	9,672	20,981	7,683	11,143	16,307	7,882	19,082	6,889	10,208
Howard	7,192	3,595	4,760	3,629	850	7,298	3,691	5,077	3,839	850	6,092	2,572	2,722	2,130	650
Hunt	63,995	33,515	60,218	33,217	78,870	65,622	34,837	62,455	34,051	79,475	61,691	29,264	54,186	27,359	76,658
Jack	15,348	6,625	19,270	9,950	9,599	16,165	6,797	20,546	10,408	9,733	12,874	6,219	14,777	9,274	9,212
Jackson	3,498	3,030	4,003	1,700	1,426	3,716	3,174	4,237	1,829	1,449	3,377	2,815	3,850	1,659	1,390
Jasper	867	629	980	426	985	833	607	960	408	955	817	561	925	375	921
Johnson	55,528	35,246	63,196	34,042	50,318	59,704	36,592	66,965	35,848	52,767	52,341	32,956	55,661	29,346	48,832
Jones	31,607	36,812	36,504	26,794	22,169	32,871	38,711	39,731	28,348	22,535	19,805	33,884	26,416	17,773	21,133
Karnes	22,272	14,680	24,282	24,845	8,922	22,850	14,846	24,380	25,133	9,093	22,049	14,432	23,890	24,394	8,824
Kaufman	60,608	28,258	51,310	29,004	57,200	64,360	29,093	53,862	30,010	55,547	57,931	25,783	47,817	24,802	56,145
Kendall	2,847	1,408	3,712	2,310	3,454	3,056	1,492	3,886	2,444	3,578	2,803	1,368	3,630	2,293	3,427
Kent	1,756	1,851	2,705	710	169	1,769	1,981	2,921	760	170	1,275	1,416	875	385	134
Kerr	1,364	746	1,755	927	2,229	1,458	780	1,842	962	2,296	1,305	693	1,677	920	2,191
Knox	10,661	13,463	10,218	9,746	7,154	11,092	14,300	11,074	10,331	7,440	3,826	11,649	6,374	5,174	4,827
La Salle	1,963	442	1,936	802	844	1,984	437	2,095	802	878	1,852	266	1,836	764	815
Lamar	43,224	31,392	66,036	32,423	65,301	45,411	32,548	69,919	33,727	68,508	40,742	27,237	59,242	26,606	62,396
Lampasas	11,027	6,514	12,880	7,089	8,776	11,700	6,971	13,838	7,528	8,776	10,912	6,210	11,778	6,975	8,741
Lavaca	24,750	22,153	40,171	34,325	20,794	27,035	24,023	44,047	37,964	23,272	24,010	20,924	39,382	33,007	20,626
Lee	11,219	7,199	15,911	9,470	8,212	11,983	7,557	17,008	10,090	8,280	10,946	6,776	15,563	9,279	7,952
Leon	13,084	9,510	16,597	6,401	7,484	13,736	9,789	17,468	6,631	7,798	12,694	8,453	15,687	6,282	7,312
Liberty	901	1,204	2,147	999	919	882	1,167	2,145	967	895	845	933	2,008	983	840
Limestone	70,525	36,253	72,320	38,110	41,800	74,926	37,355	76,283	39,711	43,968	69,850	34,812	70,219	37,845	41,784
Llano	4,861	2,839	4,944	2,690	5,646	5,139	3,003	5,196	2,846	5,928	4,738	2,627	4,803	2,656	5,477
McCulloch	36,733	6,535	22,103	8,441	7,126	39,253	6,879	23,562	9,184	7,311	30,832	5,596	15,689	8,299	6,815
McLennan	115,395	69,678	120,236	70,582	83,082	124,296	73,735	127,502	73,228	87,214	112,889	66,567	111,397	67,557	82,305
Madison	8,529	5,863	13,254	6,640	7,652	8,983	6,124	14,150	6,999	7,805	8,391	5,308	11,899	6,480	7,456
Marion	4,812	3,093	6,538	2,708	7,246	4,772	3,044	6,709	2,589	7,246	4,557	2,620	6,174	1,946	6,847
Mason	7,782	2,993	7,781	4,794	8,378	8,285	2,923	8,148	5,072	8,495	7,377	2,840	7,118	4,690	8,137
Matagorda	1,283	1,351	1,245	1,181	776	1,327	1,384	1,243	1,169	771	1,160	1,100	1,109	1,107	721
Medina	16,910	7,262	16,074	10,537	5,150	17,752	7,645	16,945	11,991	5,263	16,521	7,013	15,627	10,230	4,991
Menard	1,563	301	1,638	1,013	3,021	1,630	305	1,672	1,090	3,142	802	141	481	943	2,698
Milan	55,880	27,061	60,004	38,499	33,872	59,657	28,777	64,181	38,480	35,404	55,525	26,077	56,868	38,097	33,503
Mills	21,786	8,239	23,184	12,623	12,698	23,193	8,613	24,376	13,268	12,886	20,930	7,668	18,945	11,945	12,604
Mitchell	15,875	10,683	10,926	6,445	2,841	16,370	11,200	11,490	6,806	2,841	13,791	8,275	6,736	4,709	2,442
Montague	24,774	28,209	37,450	35,387	38,514	25,492	29,044	39,742	37,086	39,128	20,962	24,747	30,568	30,069	36,270
Montgomery	4,804	4,953	9,701	5,461	5,526	5,000	5,124	10,217	5,669	5,659	4,631	4,336	9,302	5,263	5,394
Morris	6,378	5,437	10,227	3,319	9,315	6,310	5,068	10,059	3,107	9,315	6,200	4,727	9,364	2,463	8,948
Motley	2,760	1,836	2,215	1,050	633	2,810	1,957	2,409	1,092	670	1,843	1,603	1,046	685	474
Nacogdoches	12,159	5,090	9,395	5,455	14,665	12,183	4,859	9,307	5,182	14,227	11,754	4,658	9,194	5,202	14,071
Navarro	74,551	45,173	79,563	38,442	54,199	78,147	46,957	84,375	39,970	54,199	71,903	40,857	72,830	36,380	53,959
Newton	639	382	597	367	1,373	590	357	554	341	1,296	559	294	450	243	1,003
Nolan	10,508	6,472	9,807	7,342	4,882	10,731	6,811	10,396	7,812	4,882	8,927	5,039	3,945	5,882	4,412
Nueces	8,015	2,659	4,983	3,048	1,520	8,260	2,781	5,129	3,194	1,556	7,980	2,592	4,801	2,949	1,387

TABLE 16.—QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1904 TO 1908, BY COUNTIES—Continued.

TEXAS—Continued.

COUNTY.	TOTAL NUMBER OF BALES GINNED (COUNTING ROUND AS HALF BALES)—					NUMBER OF EQUIVALENT 500-POUND BALES—					NUMBER OF BALES GINNED TO DECEMBER 13 (COUNTING ROUND AS HALF BALES)—				
	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904	1908	1907	1906	1905	1904
Palo Pinto	20,920	7,230	24,795	11,454	11,388	21,840	7,415	26,570	11,981	11,433	18,697	6,808	20,325	9,974	10,168
Panola	12,677	3,179	8,463	8,891	26,253	13,042	3,082	8,463	8,820	25,992	12,250	2,812	8,249	8,261	24,683
Parker	36,239	19,623	43,890	29,129	34,584	37,507	19,925	46,260	30,119	35,067	33,664	18,652	37,722	25,998	32,906
Polk	3,372	1,949	4,708	1,577	1,235	3,390	1,923	4,785	1,580	1,252	3,085	1,518	4,465	1,517	1,132
Rains	4,178	2,108	3,250	1,833	6,241	4,323	2,159	3,392	1,837	6,653	4,136	1,949	3,204	1,400	6,157
Red River	17,766	19,618	31,310	9,498	37,934	18,274	20,042	32,606	9,441	39,224	17,434	17,016	27,895	6,771	35,895
Refugio	1,658	420	277	.....	326	1,742	420	291	.....	326	1,157	344	277	.....	316
Robertson	36,187	23,680	43,894	27,091	23,328	38,048	23,764	45,736	28,500	23,791	35,071	21,960	41,335	26,238	22,864
Rockwall	27,016	12,532	23,202	12,327	22,285	27,771	12,768	24,371	12,612	22,417	25,726	11,056	21,044	9,612	21,565
Runnels	52,790	15,832	33,808	19,454	17,184	55,913	16,934	35,525	20,816	18,077	41,650	12,167	21,653	17,783	16,095
Rusk	15,692	6,680	12,776	11,315	32,256	15,607	6,369	12,500	10,613	31,035	14,911	5,952	12,269	10,722	30,518
Sabine	2,814	1,207	2,034	1,524	5,707	2,710	1,165	2,017	1,494	5,673	2,580	977	1,832	1,373	4,859
San Augustine	4,683	1,601	3,402	2,091	6,856	4,734	1,575	3,409	2,049	6,842	4,500	1,431	3,272	2,039	6,479
San Jacinto	3,739	2,612	5,352	2,748	2,323	3,763	2,611	5,439	2,748	2,393	3,561	2,164	5,039	2,682	2,138
San Patricio	6,787	4,036	4,983	1,990	1,738	7,232	4,350	5,300	2,129	1,867	6,779	4,030	4,869	1,978	1,719
San Saba	19,302	5,631	18,141	9,639	10,829	20,603	5,840	19,208	10,198	11,630	18,055	5,168	16,052	9,131	10,718
Schleicher	1,042	254	816	348	160	1,096	267	844	356	176	903	167	465	309	133
Scurry	9,785	14,253	14,421	11,914	8,054	10,008	14,775	15,335	12,438	8,054	6,865	10,668	8,197	7,610	7,192
Shackelford	7,098	2,289	4,447	1,494	1,378	7,436	2,378	4,749	1,587	1,378	6,658	1,985	3,034	1,262	1,282
Shelby	13,097	3,587	8,229	7,563	25,940	13,288	3,371	8,064	7,321	25,940	12,507	2,998	7,820	7,266	24,179
Smith	21,785	13,974	25,315	17,139	43,417	21,633	13,795	25,538	16,625	41,772	20,982	11,734	24,224	15,270	41,765
Somervell	4,513	2,629	5,982	3,414	4,184	4,740	2,678	6,303	3,537	4,151	4,422	2,494	4,953	3,086	3,999
Starr	3,599	1,834	2,475	510	.....	3,683	1,858	2,616	510	.....	3,380	1,561	2,159	.....	.....
Stephens	10,740	3,936	13,456	5,504	4,846	11,442	4,186	14,532	5,735	5,030	10,074	3,663	10,301	4,786	4,610
Stonewall	5,509	5,368	7,332	4,061	1,153	5,439	5,595	7,919	4,345	1,211	3,936	4,825	4,326	2,533	757
Tarrant	37,254	21,181	37,142	25,756	35,313	38,970	21,736	39,100	26,791	36,970	35,336	19,507	33,228	22,416	34,148
Taylor	35,673	24,793	41,739	25,791	21,916	37,420	26,377	43,934	27,184	22,965	29,303	22,654	30,825	21,560	19,907
Throckmorton	8,000	2,512	7,264	2,146	1,335	8,533	2,645	7,831	2,283	1,402	7,326	2,337	4,058	1,673	1,156
Titus	10,993	8,017	16,751	5,999	14,406	11,099	7,988	17,243	5,879	14,559	10,575	7,258	16,103	4,422	14,034
Tom Green	10,931	2,805	7,394	6,337	3,215	11,502	2,947	7,801	6,578	3,284	9,872	1,988	4,875	5,828	446
Travis	62,386	35,119	67,284	45,111	42,921	66,212	37,847	72,636	48,748	45,898	61,570	33,171	64,537	43,249	42,622
Trinity	4,107	2,752	5,474	2,057	1,957	4,237	2,812	5,675	2,069	1,996	3,965	2,108	5,263	1,960	1,880
Tyler	1,664	1,032	1,629	419	805	1,619	1,014	1,611	401	750	1,469	753	1,536	349	667
Upshur	12,164	6,835	15,959	7,022	22,059	11,694	6,403	15,775	6,643	21,618	11,620	5,709	15,266	5,565	20,940
Uvalde	6,311	1,940	3,313	1,963	2,390	6,605	2,017	3,483	2,049	2,443	6,107	1,920	3,128	1,934	2,390
Van Zandt	22,906	14,960	23,410	9,216	34,046	24,006	15,451	23,930	9,179	34,182	21,335	12,005	22,283	6,983	33,203
Victoria	10,463	9,206	16,143	8,607	6,242	11,185	9,733	16,963	9,016	6,495	10,287	9,044	15,845	8,573	6,166
Walker	9,240	5,724	12,960	6,255	8,294	9,632	5,940	13,722	6,555	8,460	8,645	4,788	12,094	6,100	7,909
Waller	6,953	10,284	18,725	12,721	12,094	7,337	10,702	19,474	13,611	12,385	6,770	9,894	18,034	12,416	11,714
Washington	21,340	16,405	37,763	25,058	22,985	22,819	17,091	40,323	26,712	24,265	20,975	15,383	36,764	24,410	22,707
Wharton	13,267	15,878	20,581	12,059	7,626	14,446	16,996	21,569	12,940	8,302	13,006	14,629	19,575	11,538	7,591
Wheeler	1,315	2,478	1,145	1,202	.....	1,301	2,350	1,205	1,257	.....	239	600	300	309	.....
Wichita	8,674	6,338	1,715	948	1,900	8,858	6,586	1,822	993	1,923	6,251	5,580	1,304	862	1,290
Wilbarger	14,887	14,189	10,830	5,930	3,629	15,152	14,867	11,553	6,274	3,629	8,368	11,135	6,232	4,079	3,127
Williamson	116,829	69,737	125,517	84,381	75,660	127,799	75,727	136,528	90,934	80,090	115,849	67,279	119,585	81,455	74,811
Wilson	21,030	10,654	17,625	9,027	3,769	21,940	10,984	18,076	9,137	3,923	20,719	10,494	17,524	8,842	3,716
Wise	28,289	24,813	38,238	38,788	41,707	29,047	25,518	40,456	40,495	42,291	24,678	21,268	32,304	32,320	40,181
Wood	14,502	10,814	17,875	7,433	27,759	14,647	10,604	18,132	7,269	28,034	14,071	9,818	17,367	5,483	26,578
Young	24,585	7,176	23,242	7,405	6,537	25,627	7,443	24,943	7,864	6,537	19,261	6,672	16,164	6,847	5,931
All other	14,730	12,658	20,554	11,929	12,845	14,927	12,961	21,236	12,087	13,010	10,333	6,223	10,065	7,767	6,570

VIRGINIA.

The state	13,113	9,602	14,596	15,666	17,216	12,326	9,223	13,862	14,913	16,195	11,833	6,787	12,117	14,200	15,101
Brunswick	2,937	2,302	3,222	4,174	3,770	2,589	2,185	2,989	3,857	3,566	2,785	1,584	2,621	3,902	3,448
Greensville	2,607	1,458	2,524	2,951	3,040	2,473	1,421	2,447	2,898	2,864	2,262	1,004	2,092	2,738	2,559
Mecklenburg	1,143	865	1,079	1,057	1,516	1,018	775	944	926	1,364	1,020	655	902	983	1,359
Nansemond	1,059	789	1,267	927	619	1,120	797	1,186	932	608	943	538	1,167	787	552
Norfolk	699	559	1,133	1,728	1,162	726	550	1,061	1,828	1,104	649	385	937	1,462	924
Southampton	3,735	3,003	4,209	3,567	5,585	3,531	2,909	4,178	3,289	5,250	3,480	2,255	3,531	3,260	4,999
Sussex	851	574	1,065	1,166	1,336	791	541	972	1,091	1,269	679	364	818	997	1,119
All other	82	52	97	96	188	78	45	85	92	170	15	2	49	71	141

WORLD'S PRODUCTION OF COTTON.

The cotton plant thrives only in warm countries, and almost the entire crop of the world is produced between the fortieth parallel north latitude and the twentieth south. The area in which cotton is most generally grown extends from the Mediterranean sea to the Cape of Good Hope; from Spain to Japan and Australia; and from Norfolk, Va., in the United States, to Buenos Aires, in South America. Notwithstanding the vastness of this area, almost the entire commercial crop is produced in the southern portion of the United States, British India, and Egypt, named in the order of relative importance.

Statistics regarding the production of the mill supply of cotton, by countries, in 1907 and 1908, are presented in the following table:

TABLE 17.—*Production of cotton for mill consumption, by countries: 1907 and 1908.*[1]

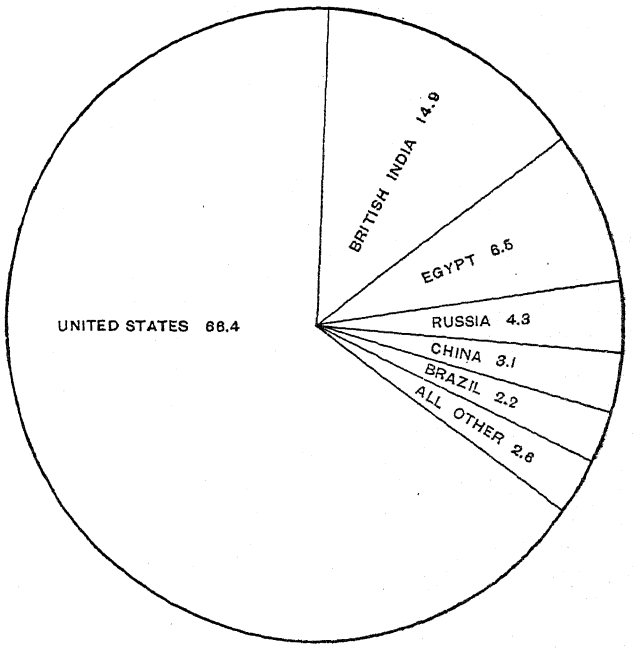
COUNTRY.	PRODUCTION (BALES OF 500 POUNDS NET).	
	1908	1907
Total	19,574,000	16,512,000
United States	13,002,000	10,882,000
British India	2,914,000	2,498,000
Egypt	1,275,000	1,296,000
Russia	846,000	620,000
China	600,000	426,000
Brazil	425,000	370,000
Peru	57,000	55,000
Mexico	140,000	70,000
Turkey	80,000	80,000
Persia	50,000	50,000
Other countries	185,000	165,000

[1] The statistics for the United States were collected by this Bureau. Those for other countries have been compiled from a number of sources, among them being: The Cotton Gazette, Liverpool; Mitsui & Co., Osaka; The Russian Cotton Committee, St. Petersburg; Herman Capelle Co., New York; W. R. Grace & Co., New York and Lima; Commercial Intelligence Department of the Indian Government; and the United States Consular Reports.

Because the figures of cotton production in foreign countries are generally expressed in net weight bales, those of the United States in this table have been reduced to that basis. The production of cotton in 1908, as measured by the factory supply, that is, that entering commercial channels, is 19,574,000 bales compared with 16,512,000 for 1907, with 19,942,000 for 1906, with 15,747,000 for 1905, and with 18,803,000 for 1904. These figures do not represent the total production of cotton in the world, as large quantities are grown and consumed in the homes of the people in China, India, Asiatic Russia, and in other eastern countries, and in South and Central America, which do not enter into commercial channels, and can not be estimated with any degree of accuracy.

During the period from 1786 to 1790, the West Indies furnished about 70 per cent of the British supply; the Mediterranean countries, 20 per cent; and Brazil, 8 per cent. The quantity contributed by the United States and India combined was less than 1 per cent, while Egypt contributed none. In 1908 the United States contributed approximately 66 per cent of the commercial cotton; British India, 15 per cent; Egypt, 7 per cent; and Russia, 4 per cent. Of the countries that were prominent in the production of commercial cotton in 1790, Brazil and Asiatic Turkey alone retain importance. The relative importance of the several countries in the production of cotton is forcibly presented by the following diagram:

DIAGRAM 2.—*Percentage of world's mill supply of cotton contributed by each country.*



UNITED STATES.

Cotton area of the United States.—A zigzag line drawn on the map on page 24 from Norfolk, in southeastern Virginia, to the west, excluding the mountainous region of North Carolina and Tennessee, including the southwest corner of Kentucky and the southeast corner of

Missouri, following approximately the northern boundaries of Arkansas and Oklahoma to the eastern boundary of New Mexico, and then running south to a point on the boundary line between Mexico and Texas, marks off, in the southern and southeastern parts of the United States, the greatest cotton growing region of the world. This cotton producing area is about 1,450 miles long from east to west and about 500 miles in width. The total area of the present cotton producing region of the United States is estimated at 700,000 square miles, or 448,000,000 acres. Of this, only about 1 acre in every 14 was devoted to cotton in 1908. A full statistical record for the United States has been presented on earlier pages.

BRITISH INDIA.

While cotton has been grown in India to some extent for centuries, its production did not attain commercial importance in the modern sense until its culture in that country, as in many others, felt the stimulating effect of the high prices for cotton which resulted from the demoralized industrial conditions caused by the Civil War in the United States.

The following table presents statistics of acreage, production, and yield per acre in India since 1897, together with the average for the period:

TABLE 18.—*Cotton acreage, production, and yield per acre in British India: 1897 to 1908.*

YEAR.	Acreage.	PRODUCTION.	
		Total (500-pound bales).	Average per acre (pounds).
1908	19,739,000	2,914,400	74
1907	21,630,000	2,497,600	58
1906	22,488,000	3,926,400	88
1905	20,401,000	3,389,600	83
1904	19,918,000	3,060,800	77
1903	18,025,000	2,863,714	79
1902	16,581,046	3,000,439	90
1901	14,506,295	2,648,586	91
1900	14,231,150	2,162,918	76
1899	11,884,576	1,674,817	70
1898	14,602,892	2,512,104	86
1897	13,683,487	2,122,968	78
Average	17,307,537	2,731,195	79

Statistics of the production of cotton in British India, shown in this report, are estimates prepared by the Indian Government, but they are below the facts. To illustrate: The statistics of the net exports and of the cotton consumed in the country during the decade ending with 1906 exceed the estimates of the production by an amount averaging annually 785,000 bales of 500 pounds each. This condition is recognized by the Indian Government in its annual publications, but without revising the production figures.

According to the statistics in Table 18, the average production per acre in 1907 was the smallest of any year during the twelve-year period shown, the amount being 58 pounds, compared with an average for the period of 79 pounds. The largest average production per acre indicated is 91 pounds for 1901.

The following statement shows the cotton acreage and production in British India, by provinces, for 1908:

PROVINCE.	Acreage.	500-pound bales.
Total	19,739,000	2,914,400
Bombay	5,389,000	868,800
Central provinces and Berar	4,175,000	614,400
Haidarabad	2,902,000	236,000
Madras	1,607,000	132,000
Punjab	1,562,000	259,200
United Provinces	1,363,000	335,200
Central India	957,000	115,200
Baroda	623,000	136,800
Rajputana	407,000	68,800
Sind	257,000	77,600
All other provinces	497,000	70,400

Cotton is now being grown in practically all of the provinces of India, though because of unsuitable soil in many sections, frequent droughts, and the needs of the population for food, the expectation of a material increase in cotton production is not justified. The conviction that no large relative increase in cotton production can be expected is also confirmed by the record of the last half century. In 1859 the crop was equivalent to 1,316,800 bales of 500 pounds each; the crop of 1865 was 2,090,400 bales; while that of 1908 amounted to 2,914,400 bales. While it is true that the production has increased somewhat in recent years, the amount consumed in the country has also increased, and there is no great change in the quantity available for export. In addition to the cotton taken by local mills, it is estimated that about 600,000 bales are consumed annually in the homes of the people and do not enter commercial channels.

EGYPT.

This country is naturally adapted to the production of cotton. Its climate is favorable, the warm season beginning early, so that the young plants are not subject to damage from frost, as is sometimes the case in America; and the growing period is long, thus giving the plant full opportunity to mature. The gathering of the crop is not interfered with by storms and rains, so that there is no loss or damage to the fiber from these causes. Egyptian cotton fibers are characterized by length, strength, and uniformity, showing equality of growth. The country is practically rainless, and agriculture is entirely dependent upon irrigation. The population is not far from 10,000,000, and to sustain this number of people and provide for the normal increase, it does not appear possible to make material additions to the acreage annually devoted to cotton except through irrigation improvements, which at best can not materially influence the production for years.

The acreage and production in recent years are shown in the following table:

TABLE 19.—*Cotton acreage, production, and yield per acre in Egypt: 1898 to 1908.*

YEAR.	Acreage.[1]	PRODUCTION.[2]	
		Total (500-pound bales).	Average per acre (pounds).
1908	1,950,000	1,275,000	327
1907	1,950,000	1,296,000	332
1906	1,850,000	1,400,000	378
1905	1,900,000	1,250,000	329
1904	1,850,000	1,258,000	340
1903	1,750,000	1,289,000	368
1902	1,700,000	1,157,000	340
1901	1,650,000	1,262,000	382
1900	1,600,000	1,075,000	336
1899	1,500,000	1,295,000	432
1898	1,450,000	1,112,000	383

[1] As shown in "Cotton Facts," by Alfred B. Shepperson.
[2] Compiled from information furnished by the United States Department of Agriculture and by Herman Capelle Co.

The development of cotton growing in Egypt has been very gradual. In 1850, thirty years after the cultivation began, the crop was only 87,200 bales, and nine years later only 100,800 bales. By 1865 the production had increased to 439,000 bales. This remarkable growth was due to the scarcity of the staple, caused by the serious check to cotton culture in the United States during the Civil War. Egyptian cotton is put up in bales of about 750 pounds.

RUSSIA.

Cotton in considerable quantities is produced in Turkestan and Transcaucasia. A large area in Turkestan is suited to its cultivation, especially the low, level portions, where the soil is very fertile. The Russian Government has endeavored in many ways to increase the production in this region, transportation facilities having been provided to a certain extent, a duty placed upon imported cotton, improved gins furnished, and assistance given in other ways. Both American and native cottons are grown. The distribution of the production by districts for 1906 and 1908 is shown in the following statement:

Cotton production in Russian possessions: 1906 and 1908.[1]

DISTRICT.	PRODUCTION (500-POUND BALES).	
	1908	1906
Total	846,392	655,077
Ferghana	488,432	385,254
Bokhara, Khiva, etc	146,145	126,000
Transcaucasia	55,520	57,600
Sir Daria and Amu Daria	36,528	44,640
Samarkand	36,898	23,560
Transcaspia	82,869	18,023

[1] The statistics for 1908 were compiled from the Commercial and Industrial Gazette of St. Petersburg, while those for 1906 were furnished the Census Bureau by Hon. A. Knise, secretary Russian Cotton Committee.

CHINA.

The production and manufacture of cotton is one of the most important industries in China. Cotton is grown over extensive areas, and considerable attention has been given recently to an improvement in the fiber to meet the demands of the spinners. It is impossible to estimate the production accurately, as large quantities are consumed in the homes of the people, and statistics of this consumption are not available. It is the opinion of Deputy Consul-General W. R. Dorsey, of Shanghai, that this amounts to about 600,000 bales. The quantity which enters commercial channels is measured statistically and amounts to about 600,000 bales annually,[1] of which the local mill consumption is about 375,000 bales of 500 pounds each and the exports about 225,000 bales. These statistics point to an annual production of 1,200,000 bales.

BRAZIL.

A very extensive area in Brazil is suitable for cotton culture, but most of the cotton at the present time is grown in the valley of the San Francisco river.

The roller gin is generally employed, and crude presses, usually operated by hand, are used for baling. This accounts for the light weight of the bale, which averages about 250 pounds. The production of 1908 is estimated at 425,000 bales of 500 pounds each, a larger part of which is consumed within the country.

PERU.

Nearly all of the Peruvian crop is grown in the irrigated coast valleys. The production in 1908 was equivalent to about 57,000 bales of 500 pounds each, compared with 43,375 bales in 1904, and with 12,000 in 1885.

Although the ordinary long staple upland cotton grown in the United States is used for mixing with wool, the best cotton for this purpose is what is known as "rough Peruvian," because it possesses characteristics not unlike those of wool. Efforts have been made to grow this rough cotton in the United States, but without success, largely because the climate in this country limits the growth of the plant to one year instead of permitting it to develop for a number of years.

There is an urgent demand for Peruvian cotton in all wool manufacturing countries, particularly in England. As the best available substitute for it, manufacturers are using a quality of cotton grown in Texas, which has comparative roughness and is of great length and strength, but which can not be said to compare in any way with that grown in Peru.

MEXICO.

About 80 per cent of the cotton crop of Mexico is produced in the Laguna district, which embraces a part of the state of Coahuila and smaller adjacent portions of Durango and Chihuahua. The cultivation in this district is dependent upon the irrigation

[1] From report of Mitsui & Co., Osaka, Japan, to this Bureau.

works on the Nazas river. The production for the country in 1908 is placed at 140,000 bales of 500 pounds each; the crop of 1907 was only about 70,000 bales, being but 50 per cent of the average.

The fiber of the Mexican cotton is of good length and strength, thinner, however, than that of America, less silky, and not so clean. The plant suffers from many pests, among which is the boll weevil. Mexican cotton, as a rule, is baled according to improved methods. The presses used are heavy, and the cotton is baled under pressure of from 3,000 to 4,000 pounds. There are no central presses in Mexico to receive the cotton from various gins. Each plantation has its own gin and press. Square bales are put up, generally weighing from 500 to 550 pounds, and five 1-inch ties are used to the bale.

TURKEY.

Cotton has been grown in Turkey, in varying quantities, for many years, but reached the largest production under the stimulating conditions which resulted from the Civil War in America. The crop of 1908 is estimated at 80,000 bales, a large part of which is required for home consumption. There is considerable land in the country suited to the culture, and good prices for the fiber would no doubt materially increase the production. American, Egyptian, and native varieties are cultivated.

OTHER COUNTRIES.

Considerable quantities of cotton are grown in other countries, among which are Persia, with a production of about 50,000 bales of 500 pounds each; Greece, with about 20,000 bales; Italy, 10,000 bales; Indo-China, 15,000 bales; Africa, other than Egypt, 20,000 bales; Haiti, 15,000 bales; Dutch East Indies, 12,400 bales; Japan, 6,000 bales; Korea, 3,000 bales; and Argentina, about 10,000 bales.

STOCKS OF COTTON IN THE UNITED STATES AT THE CLOSE OF FEBRUARY, 1909.

With the success of the Census method of collecting statistics of cotton production through the ginneries came a demand for information relative to the distribution of the crop. This was recognized by Congress in 1905 in a resolution authorizing the preparation of annual reports of the exports and consumption of cotton for the year ending August 31, together with stocks of cotton held at the close of the year. An enlargement of this inquiry was provided for in a joint resolution of Congress passed in February, 1909, authorizing the preparation of three additional stock reports as of November 1, January 1, and March 1. A preliminary summary of the statistics of cotton stocks held in the United States at the close of February was published March 22. The report, with slight corrections, follows:

Quantity and location of cotton stocks at the close of February, 1909.

	RUNNING BALES, COUNTING ROUND AS HALF BALES.					
	Total.	Manufacturers.	Producers.	Independent warehouses (including compresses).	Transportation companies.	Other holders.
Total	5,263,349	1,820,033	367,959	2,238,224	542,543	294,590
Cotton growing states	3,810,745	688,412	367,959	2,031,315	429,518	293,541
All other states	1,452,604	1,131,621	.....	206,909	113,025	1,049

The segregation of stocks shown in the statement relates to location rather than to ownership; for instance, cotton in warehouses owned and operated in conjunction with mills is classed as in possession of manufacturers; under independent warehouses is shown all cotton so stored, regardless of its ownership. Cotton of foreign growth included in these statistics, reduced to 500-pound bales, amounts to 54,531 bales, of which 49,512 are Egyptian, 2,585 Indian, 2,343 Peruvian, and 91 other. Sea-island cotton included in the total stocks is 52,151 bales. Because of the impracticability in some instances of segregating linters in the returns of stocks, the Bureau is unable to definitely state the quantity of this cotton included in the statistics of this report, but from the best information available it would appear that the quantity approximates 185,000 bales.

The statistics in this report were secured for the cotton growing states by the local agents of the Bureau who collect the ginning statistics; in other states by correspondence. The manner in which the holders of cotton have responded is very gratifying, and with a continuation of this interest the value of the results will improve with subsequent reports.

The following table distributes, by states and by classes of holders, the stocks of cotton in the United States at the close of February:

TABLE 20.—*Stocks of cotton, by states: February 28, 1909.*

STATE.	Total (bales).	COTTON IN THE ACTUAL POSSESSION OF—		
		Manufacturers (bales).	Independent warehouses, including compresses (bales).	All other holders (bales).
United States	5,263,349	1,820,033	2,238,224	1,205,092
Alabama	353,637	71,736	210,685	71,216
Arkansas	222,070	1,079	160,324	60,667
Connecticut	74,311	74,311	.....	.....
Florida	26,992	45	6,537	20,410
Georgia	663,573	148,275	384,176	131,122
Illinois	47,706	3,314	43,343	1,049
Louisiana	357,622	500	233,246	123,876
Maine	72,683	72,683	.....	.....
Massachusetts	605,387	582,258	23,129	.....
Mississippi	341,280	5,992	234,899	100,389
New Hampshire	111,983	111,983	.....	.....
New Jersey	19,043	18,963	80	.....
New York	200,686	72,367	128,319	.....
North Carolina	303,253	164,788	37,533	100,932
Ohio	19,004	18,698	306	.....
Oklahoma	103,026	1,558	53,349	48,119
Pennsylvania	27,190	21,865	5,325	.....
Rhode Island	126,645	125,973	672	.....
South Carolina	427,763	220,429	126,258	81,076
Tennessee	235,703	26,547	180,705	28,451
Texas	699,598	12,715	366,201	320,682
Virginia	56,274	19,995	33,438	2,841
All other states	167,920	43,959	9,699	[1] 114,262

[1] Includes cotton in possession of transportation companies for some states shown, it being impracticable to segregate.

THE COTTON SUPPLY AND DISTRIBUTION.

The statistics of stocks in Table 20, assembled in connection with those of cotton ginned, and of imports and of exports, afford an interesting reference as to the supply and distribution of cotton in the United States for the six-month period. The following statement is the result of such a grouping of the statistics:

Supply and distribution of cotton in the United States for the six-month period ending February 28, 1909.

SUPPLY.	Bales.
Total	14,363,960
Stocks held September 1, 1908	1,236,058
Net imports	98,000
Ginned since August 31 last	13,029,902

DISTRIBUTION.	Bales.
Total	14,363,960
Exports from September 1, 1908, to February 28, 1909, inclusive	6,566,571
Stocks in country February 28, 1909	5,263,349
Indicated consumption[1]	2,534,040

[1] Includes 15,066 bales of cotton destroyed by fire.

The International Federation of Master Cotton Spinners and Manufacturers Associations, Manchester, made a canvass by mail for cotton stocks with relation to March 1 in all countries except the United States, and returns were secured from establishments having 85,906,697 spindles out of a total of 102,949,927 spindles in the world, exclusive of the United States. The stocks held by the spinners representing the 85,906,697 spindles were found by the Federation to be 2,435,127 bales. From this incomplete report it is impracticable to arrive at definite conclusions as to total stocks in foreign mills, for it may be that the manufacturers who were well supplied with cotton have more generally responded than those who were poorly supplied. It is known, however, that both American and foreign manufacturers early recognized the superior spinning qualities of the crop of 1908 and that this, with the comparatively low prices which have prevailed during the season, has encouraged the manufacturers in the purchase of larger supplies of cotton than in recent seasons.

THE RELATION OF THE GOVERNMENT TO THE COTTON INDUSTRY.

Agriculture has always been the chief occupation of man, but the methods employed therein prior to 1850 were for the most part crude, and were conspicuous for an absence of system, due possibly to frequent warfare or to the impoverished condition of the peasantry. Little or no improvement took place in European agriculture during the period of one thousand years from the age of Charlemagne until the revolutionary epoch of 1848. Even after the defeat of Napoleon, in 1815, tillage, in many countries, was little beyond the stage it had reached at the time of the Pharaohs; wooden plows were used and grain was threshed by the trampling of animals. Reaping hooks may still be seen in some countries; but in recent years, through the general introduction of machinery and the growing use of scientific methods, the effectiveness of labor has been wonderfully increased.

It is not difficult, therefore, to understand why the need of definite information and statistical data relative to agriculture was not manifested until about the middle of the nineteenth century. It is significant that the advance, indicated by the demand for statistics, was the forerunner of a scientific study of the industry. This advance appeared first in the United States, with the result that this country now leads all others in agricultural wealth.

Prior to the census of 1840, which dealt with the crop of 1839, no data regarding the production of agricultural crops were regularly collected by the Government in this country. That census showed a production of cotton equivalent to 1,653,722 bales of 500 pounds each, valued at more than $70,000,000, or about one-fifth of the total value of all agricultural products at that time. Again, the value of raw cotton exported in 1840 was about 60 per cent of our total exports of domestic products. Cotton, therefore, constituted a very important portion of the country's wealth, and statistics regarding it began to attract considerable attention. Interest was shown by Congress in 1832, when Hon. Levi Woodbury, Secretary of the Treasury, was directed to prepare a report on the production of cotton. This was the first endeavor of the Government to collect cotton production statistics, and the report, covering the period from 1790 to 1835, submitted to Congress in 1836, is still regarded as the most reliable for the crops shown in it.

A well-defined demand for statistical information regarding agriculture, and for more frequent data than was afforded by the census taken decennially, had arisen, and therefore Congress, in 1863, authorized the Department of Agriculture to collect certain statistics, and, beginning with that year, estimates of cotton acreage and production have been prepared annually. The manner in which this Department has established its efficient service in connection with the cultivation of cotton furnishes an interesting reference in the economic study of agriculture. It has awakened the entire agricultural industry, and brought the practical results of scientific research to the aid of the farmers. A very large percentage of the cotton growers now realize the importance of improved methods in tillage, seed selection, plant culture, and in harvesting. Much of this has resulted directly or indirectly from the plans and demonstrations of the United States Department of Agriculture. The expenditures made by the National Government and by the several cotton growing states and other local subdivisions in the interest of cotton, not including the cost of educational work in the schools, colleges, and institutes, amount to approximately $1,000,000 annually. Of this, probably one-third is devoted to cotton at the experiment stations, one-third to statistical inquiries, and the remaining one-third to special phases of the plant and its enemies. A number of bureaus in several departments of the National Government are now charged with work relative to some phase of the cotton industry, and the general scope and importance of these endeavors are indicated by naming the character of the investigations and the publications of these bureaus.

Bureaus of the National Government charged with cotton investigations, and publications issued in connection therewith.

BUREAU.	Character of investigation.	Publications.
Department of Commerce and Labor:		
Census	Ten reports, each season, of cotton ginned to specified dates, and four of stocks and one of consumption of cotton; statistics of acreage and production decennially from a canvass of the growers; and special reports on cotton manufactures and cottonseed products at five-year periods.	Preliminary reports, in card form, of cotton ginned and of cotton stocks; two annual reports summarizing the preliminary statements and other data; special reports.
Statistics	Statistics of exports and imports of cotton and its manufactures and of cottonseed products; also, statistics relative to the internal and coastwise movement of cotton.	Monthly summaries of foreign and domestic commerce; Statistical Abstract; and Commerce and Navigation, annually.
Manufactures	Information relative to foreign markets for cotton and cottonseed products.	Daily Consular Reports, and special reports.
Corporations	Special investigations as authorized by Congress	Report on Cotton Exchanges dealing with: (1) Methods of establishing grade differences for future contracts; (2) classification of cotton; and (3) range of grades deliverable on contract.
Labor	Special investigations relative to wages paid, cost of living, and other conditions affecting labor in the cotton industry.	Special bulletins; annual reports.
Department of Agriculture:		
Statistics	Acreage; condition of crop during growing period; and production.	Crop Reporter, issued monthly; Yearbook, summarizing the work of the entire Department.
Plant Industry	Farmers' cooperative demonstration and farm management work; cotton breeding; cotton acclimatization; cotton standardization; and cotton diseases.	Special bulletins and circulars.
Entomology	Mexican boll weevil and other insect pests	Special bulletins.
Soils	Condition of soils; methods of treatment; and fertilizers	Special bulletins.
Office of Experiment Stations	Experiments of agricultural colleges and stations; collects and disseminates general information regarding the colleges and stations, and of investigations in this and other countries.	Experiment Station bulletins.
Weather	Rainfall; temperature; and meteorological conditions	Daily forecasts and annual reports.
Biological Survey	Economic relation of birds with regard to insects and other pests	Special circulars.
Office of Public Roads	Questions and conditions relative to practical road building	Special reports.
Interstate Commerce Commission	Hears complaints relative to discrimination in freight rates	Annual reports.

DEPARTMENT OF COMMERCE AND LABOR.

Bureau of the Census.—As already stated, the first official canvass made to ascertain the quantity of cotton grown in this country was at the census of 1840. This census was taken by United States marshals, and the returns were compiled in the Department of State. The censuses of 1850, 1860, and 1870 were also taken by the marshals, and the statistics were compiled in the Department of the Interior. The act approved March 3, 1879, established in the Department of the Interior a Census Office to collect statistics at decennial periods, through enumerators. Under the act of March 6, 1902, the Census Office was made a permanent and continuous bureau of the Department of Commerce and Labor, and it thus became practicable to provide for annual investigations.

Because of the great commercial importance of the cotton crop, frequent information relative to the supply and distribution of the fiber became necessary. In 1863, therefore, Congress authorized and directed the Department of Agriculture to prepare estimates of the acreage and production of cotton annually. With the further development of industrial and commercial interests, cotton exchanges and brokers began, about 1870, to compile information relative to the supply and distribution of the fiber. These statistical endeavors were multiplied by the inauguration, about this time, of the system of trading in cotton futures.

From 1880 to 1900 the Census Office collected statistics of cotton acreage and production at decennial periods only by canvasses of the growers, through enumerators. At the census of 1880 an effort was made to list the cotton ginneries of the country and to secure statistics of the quantity of cotton ginned, for the purpose of ascertaining whether the output of these establishments would correctly measure the volume of the crop. The feasibility of this method was appreciated because of the fact that the number of cotton farmers who must be canvassed in order to compile statistics of production was then not less than 1,250,000; whereas the number of cotton ginneries was approximately 50,000. The endeavor, however, was not a success. In the meantime individual efforts to collect information as to the cotton production and the promulgation of interested estimates, influenced by extensive speculation in cotton, created a renewed demand for information compiled by a disinterested agency as a check on these estimates. Naturally attention was turned to the Government, and accordingly, at the census of 1900, it was decided to again attempt the plan of collecting production statistics through the ginneries, as cotton must pass through these establishments before it is of commercial importance, and it seemed, therefore, that full returns of cotton ginned would be identical with the quantity grown. A careful and thorough canvass resulted in listing about 33,000 ginneries, which returned a production so nearly identical with that compiled from the commercial movement of the crop that much interest was awakened in this new method. The Director of the Census then compiled statistics of the quantity of cotton ginned from the crops of 1900 and 1901, with results also confirmatory of the reliability of this method. The feasibility of this plan so impressed Congress that it incorporated in the act making the Census Bureau permanent a section providing for the collection at frequent intervals of statistics of cotton production from the ginners.

Inasmuch as cotton is returned as ginned in about 875 counties in 17 states, it was found necessary, in order to comply with the law and secure prompt, con-

tinued, systematic, and thorough service for frequent reports, to appoint and compensate local special agents. This was done, and the field organization has gradually been extended until at the present time it consists of 732 agents. These agents visit the ginneries in their respective districts ten times during a season and secure signed reports of the amount of cotton ginned to specified dates. They are given one week to visit the ginneries and are required at the close of the canvass to telegraph a summary to the Bureau, at the same time forwarding the individual reports of the ginners. The telegraphed reports are added on the morning following the day fixed for closing the canvass and the result is announced from the Census Bureau at 10 a. m. In this way there is no unnecessary waiting for results. The evil influences of estimates are less than formerly, a desirable result attained largely through the comparative data afforded by the periodical reports of ginnings; the value of these reports as a basis for forecasting the probable yield will increase as they accumulate from year to year.

After the practicability of this method of collecting statistics of cotton production had been demonstrated, Congress, in a joint resolution approved February 9, 1905, authorized and required the Director of the Census to prepare an additional series of reports relating to the supply and distribution of cotton. Under this resolution, reports have been compiled since 1905 showing, for the year ending August 31, the supply of cotton made up of that on hand at the beginning of the year, that ginned during the year, and that imported during the year. The reports show the distribution of the same into the quantity exported, that consumed in the country, and the amount left as stocks at the close of the year. The next step in the extension of this plan was taken when a joint resolution of Congress, approved March 2, 1909, directed the Census Bureau to prepare three additional reports of the stocks of cotton in this country summarized as of November 1, January 1, and March 1. The first of these stock reports will be found on page 41 of this bulletin.

In addition to the reports described, the Census Bureau still prepares a decennial report on the production of cotton from returns secured from the growers by enumerators, and at five-year periods investigations are made relative to the manufacture of cotton and of cottonseed products.

Bureau of Statistics.—This bureau collects information concerning our foreign trade in cotton products, showing imports and exports by customs districts and by countries; also the coastwise movement of cotton. The statistics are disseminated through monthly summaries, annual reports, and a Statistical Abstract.

Bureau of Manufactures.—In the act creating the Department of Commerce and Labor, provision was made for a Bureau of Manufactures, to which was assigned the duty of locating foreign markets for American products, and of fostering the development of these new markets by the collection and distribution of information. This bureau selects and compiles information from the regular reports of the consular agents of the Department of State, and publishes these data in a daily bulletin called "Daily Consular and Trade Reports;" further, these consular agents make special investigations asked for by this bureau, and these, together with reports of the bureau's special agents, are made the subjects of frequent valuable publications. Prominent among the recent special investigations of this bureau are those concerning the condition of the textile industries abroad, cotton products in foreign countries, and the markets for such products.

Bureau of Corporations.—This bureau, charged with the duty of investigating the actions of corporations with regard to possible infractions of the law, was directed by special resolution of Congress in 1907 to investigate the methods employed by the cotton exchanges in this country. The demand for this information resulted from the general dissatisfaction of those interested in cotton with the wide fluctuations in the price of the staple. The resolution is as follows:

> That the Secretary of Commerce and Labor, through the Bureau of Corporations, be, and he is hereby, requested to investigate the causes of the fluctuations in the price of cotton and the difference in the market price of the various classes of cotton, and said investigation shall be conducted with the particular object of ascertaining whether or not said fluctuations in the prices have resulted in whole or in part from the character of contracts and deliveries thereon made on the cotton exchanges dealing in futures, or is the result of any combinations or conspiracy which interferes or hinders commerce among the several states and territories or with foreign countries.

The report of this investigation, as thus far made public, appears in three parts: (1) Methods of establishing grade differences for future contract; (2) classification of cotton; and (3) range of grades deliverable on contract.

Bureau of Labor.—This bureau makes investigations and collects and publishes data regarding the conditions in the cotton industry, dealing with wages in general, cost of living, child labor, and time employed per week and per year.

DEPARTMENT OF AGRICULTURE.

Bureau of Statistics.—For the development of agriculture in the United States, it was necessary to market abroad a large proportion of our products, and, in order to secure for the grower equitable values, frequent and reliable information as to the supply and demand was necessary. This condition was responsible for the act of Congress in 1863 providing for the collection of statistics by the Department of Agriculture. The Bureau of Statistics makes and publishes in June of each year an estimate of the area planted to cotton in each state, and in December

an estimate of the probable production of cotton for that year. During the growing season estimates relative to the condition of the crop are published monthly from June to October, inclusive. These statistics are published in the Crop Reporter, which is the regular monthly publication of this bureau. The data upon which the reports are based are obtained through a special field service, with a corps of state statistical agents and voluntary correspondents, among whom are county and township correspondents, individual farmers, and others.

Bureau of Plant Industry.—The cotton plant is made a study by this bureau, and special investigations are conducted as to the propagation of new varieties suited to the different sections of the country; attention is also given to seed selection and to other necessary features in the economics of successfully growing the plant. Experimental farms are maintained where practical demonstrations are made of improved agricultural methods, and where experiments are carried on in growing the varieties of cotton raised in foreign countries. Tests are made with regard to the productiveness of the different varieties, and as to the kinds most adaptable to conditions resulting from the presence of the boll weevil.

Bureau of Entomology.—This bureau obtains and disseminates information regarding injurious insects. For the cotton grower its most valuable work has been the efforts to control the boll weevil and to limit its ravages. The work in this connection was begun in 1894, when the ravages of this pest were restricted to a few of the extreme southern counties of Texas. In 1901 a small appropriation was made by Congress for this work. The success of the bureau has resulted in no small way from the agricultural methods employed and the valuable illustrations brought out in its field demonstration work. More than 10,000 acres of cotton have been used in these tests, the bureau having agreements with the farmers whereby it practically controls these areas. It is also investigating means of preventing the spread of the weevil at ginneries, and practical assistance has been given in the establishment of quarantines to prevent the spread of the insect. Furthermore, the extent of the infested area is defined each season and estimates made of the damage to the crop. The territory in 1908 in which more or less infestation is found amounts to about 36 per cent of the entire cotton area, and is distributed as follows: Mississippi, 18 counties; Arkansas, 28 counties; Oklahoma, about one-fifth of the state; Louisiana, all but a few cotton producing counties in the southeastern part; and Texas, practically all of that portion south and east of a line from San Angelo to Henrietta. The damage to the crop, as estimated by the bureau, amounted to 400,000 bales, to which is assigned a value of $20,000,000.

Bureau of Soils.—This bureau is intrusted with investigations relative to the kinds and qualities of soils, the survey and mapping of the same, drainage, and the use and effectiveness of fertilizers. The requirements of the extensive types of soil, in respect to fertilizer, are being determined through the laboratory and the greenhouse, and through field observations; and special attention is being given to the judicious and economic use of fertilizer. The decreasing fertility of the lands was giving no little concern to statesmen and land owners at the beginning of the nineteenth century, but it was not until Liebig's work on the mineral theory of plant growth, in 1840, that the exact requirements of plants and the important office of the soil began to be fully appreciated. Between 1865 and 1873 the farm experiment stations took up this matter and made a critical study of the requirements of plants for mineral nutriment; and the results of this work became the foundation for the development of the present industry of the manufacture and sale of commercial fertilizers in the United States.

Office of Experiment Stations.—This office represents the Department of Agriculture in its relation to the experiment stations which are now in operation in all of the states and territories. It seeks to promote the interest of agricultural education and investigation. It collects and disseminates general information regarding agricultural schools, colleges, and stations, and publishes accounts of agricultural investigations at home and abroad. It also indicates lines of inquiry for the stations; takes part in the conduct of cooperative experiments; reports upon their expenditures and work; and furnishes, in general, advice and assistance. It aids in the development of farmers' institutes, and conducts investigations relating to irrigation and drainage.

Weather Bureau.—While this bureau has possibly been of the greatest value thus far to the trucking division of agriculture, its usefulness to the cotton grower is recognized and will be appreciated more with increased knowledge among the farmers of the practical methods of utilizing the service of the bureau in connection with the cultivation and harvesting of the cotton crop. This bureau has an excellently organized field force stationed at numerous observation points throughout the cotton growing area, where observations are taken and daily forecasts made. In addition, careful observations as to temperature and rainfall are taken and compiled, thus affording comparative and necessary information in regard to these very important factors in the growing of cotton. Fluctuations in the annual production of cotton are largely attributable to temperature and rainfall, and a proper analysis of crop statistics must recognize the influence of these.

Bureau of Biological Survey.—The great value of birds in that economy of nature which makes possible the control of insects by the multiplication of birds has been demonstrated by this bureau. The general results of its work may be stated thus: (1) The creation of a

demand for information concerning the protective legislation for certain species of birds; (2) the enlightenment of citizens in the cotton states as to the important part birds play in limiting the ravages of insects; and (3) the enlistment of cooperation in protecting and increasing the number of birds that destroy these insects. That the latter is entirely practicable is not now doubted, at least in the case of swallows, which are among the most active enemies of the boll weevil.

Office of Public Roads.—Good roads constitute one of the most important factors in the economic handling of the cotton crop. The Office of Public Roads may therefore prove of great value to the cotton grower. Throughout the country, and more particularly in the rural districts, there is a steadily growing demand for information as to the best methods of road construction. It is probably true that in no phase of development is the country, as a whole, so backward as in the extension of hard and durable roads. In some communities able to support a system of good roads, very little work is done owing to a lack of knowledge of what can be accomplished with the resources at hand. It is in cases like these that the work of the Office of Public Roads is proving of signal value. While it is no part of the scope of its work to undertake the construction of roads that can and should be the care of the communities within the states, the educational value of employing expert supervision as well as, to a limited extent, machinery for the construction of sections of improved roads in different parts of the country, has been amply demonstrated. This office also collects information as to the comparative cost of road work, methods of building various types of roads, the value of wide tires, the use of convict labor in road building, the cost of wagon transportation, and bond issues for road improvement, and has prepared a complete digest of road laws for all the states.

INTERSTATE COMMERCE COMMISSION.

This commission was organized by act of Congress, approved February 4, 1887, and its powers and duties have been increased by numerous later enactments. The commission has power in interstate commerce, on complaint and after full hearing, to determine and prescribe reasonable freight rates, to order reparation to injured shippers, to require carriers to desist from any unjust discrimination, and to institute and carry on proceedings for the enforcement of the law. Complaints have been filed with the commission, hearings held, and decisions announced as to alleged abuses and discriminations in the handling and transportation of cotton and cottonseed, and products of these. The scope of the work of the commission was enlarged and its effectiveness materially increased by the act of Congress approved June 29, 1906.

STATE INVESTIGATIONS.

When the first agricultural societies were formed in this country near the close of the eighteenth century we find the beginnings of a recognition of the desirability of experimental inquiries for the advancement of agriculture. The society organized in South Carolina in 1785 had as one of its objects the establishment of an experimental farm. President Washington, in his annual message in 1796, says that one of the functions of a National Board of Agriculture, the establishment of which he recommended, would be "to encourage and assist a spirit of discovery and improvement by stimulating to enterprise and experiment." A number of the states provided for experimental work looking to the improvement of agriculture, which prepared the way for the broader action by the National Government. The Hatch Act, approved March 2, 1887, provided that each state and territory should receive from the National Government an annual appropriation of $15,000 for the establishment and maintenance of agricultural experiment stations. The Adams Act, approved March 16, 1906, provided that each state and territory should receive, in addition to the above and for the same purpose, $5,000, and that for a period of five years there should be an annual increase of $2,000 over the amount for the preceding year. Thus by 1911 the appropriations will be $15,000 each, giving each state and territory an annual sum of $30,000 for the experimental work. The new act recognizes the fact that through previous national and state legislation the stations are thoroughly organized, equipped with lands and buildings, and have funds for the printing and distribution of publications. The Adams fund is thus essentially a research fund, and if properly used should produce results of the greatest and most permanent value to American agriculture.

There are in the United States 61 agricultural experiment stations, of which 55 receive Federal aid. These stations have already performed service of great value, which is broadly divided into classes as follows: Original research; verification and demonstration experiments; inspection service; and dissemination of information. Since the establishment of the first agricultural college in 1857, this important educational work has rapidly developed until now there are 64 colleges in the United States having courses in agriculture. Of these, 30 are located in the cotton growing states. In addition to these, numerous secondary institutions and farmers' institutes are doing effective service. A further interesting development of this educational work is the effort to carry phases of demonstration work in agriculture into the common schools for the benefit of the boys and girls in

agricultural communities. This independent demonstration work is proving practicable and attractive.

Several of the cotton growing states maintain statistical bureaus which collect and compile information regarding agriculture in general, and within the last few years efforts have been made by some of these states to collect statistics of cotton production. Prominent among these may be mentioned Alabama, Oklahoma, and Texas, the legislatures of which states have provided for the collection of production statistics through the ginneries, but because of limited appropriations for the work it has been necessary to rely on the mails in collecting the data, with results not fully satisfactory.

COMMERCIAL AND INDUSTRIAL IMPORTANCE OF AMERICAN COTTON.

The advantages for the production of cotton found in southern United States are superior to those of any other country. The soil and the climate are well suited to its cultivation, and, with intelligent farm management and suitable labor, better transportation facilities, and the general use of machinery, the production of cotton has become more profitable there than in any other locality. At the present time about two-thirds of the world's supply of cotton is produced in the United States, and the character of the fiber grown here is of a superior quality for general manufacturing purposes.

The relative importance of the cotton industry in this country may be seen from the following figures: The aggregate value of the cereal crops produced in the United States in 1907 was estimated by the Department of Agriculture at $2,378,000,000; the value of the cotton crop of that year as computed by the Census Bureau was $701,000,000. The value of all manufactured products returned at the census of 1905 was nearly $15,000,000,000. Of this amount, textiles constituted $1,200,000,000, and cotton goods $450,000,000. Only about one-third of the cotton grown in the country is manufactured at home; and if the entire production had been manufactured here the total value of cotton goods would have been about $1,350,000,000. As two-thirds of our raw material is utilized by European manufacturers in the production of goods which are generally of a finer quality than that of the goods made here, the value of the manufactures made from the average American cotton crop is estimated at not less than $2,000,000,000.

As an illustration of the industrial importance of American cotton, not less than 9,000,000 persons are employed in its production, handling, and manufacture. Of this number, about 6,000,000 are farmers and farm laborers; about 1,000,000 are otherwise engaged, to some extent, with the raw material in the United States; while at least 2,000,000 are concerned with it in foreign countries.

The comparative importance of cotton in the textile industry is brought out in the following statistics and discussion of textile fibers. Table 21 shows, by countries, the approximate quantities of the leading textile fibers produced in 1908.

TABLE 21.—WORLD'S PRODUCTION OF THE LEADING TEXTILE FIBERS: 1908.[1]

COUNTRY.	Cotton.	Wool.	Silk.	Flax.	Hemp.	Jute.
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
Total	9,787,000,000	2,617,641,000	78,500,000	1,846,235,000	1,188,869,000	2,524,000,000
United States	6,501,000,000	311,138,000			11,250,000	
Brazil	212,000,000	1,130,000				
Argentina		328,731,000				
United Kingdom		133,088,000		26,934,000		
Russia	423,000,000	380,000,000	2,700,000	1,507,144,000	707,676,000	
France		78,000,000	1,333,000	46,109,000	36,662,000	
Italy		21,500,000	10,461,000	41,917,000	166,843,000	
Austria		41,600,000	754,000	164,620,000	171,728,000	
Turkey	40,000,000	75,000,000	2,825,000			
British India	1,457,000,000	50,000,000	2,650,000		73,764,000	2,524,000,000
Japan			20,000,000		18,095,000	
China	300,000,000	42,253,000	34,500,000			
Egypt	638,000,000	3,000,000				
British South Africa		89,783,000				
Australia		552,157,000				
New Zealand		143,308,000				
All other countries	216,000,000	366,953,000	3,277,000	59,511,000	2,851,000	

[1] 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 year indicated, and only an approximation to the facts is claimed for the statistics.

The relative importance of the fibers shown in this table has been reversed during the past century. Flax fiber, which was used to a larger extent than any other fiber in 1800, now ranks fourth, and the quantity produced is only about three times what it was at that time. During the same period the production of wool has increased from about 500,000,000 pounds to about 2,500,000,000 pounds, or fourfold, and cotton from about 300,000,000 pounds to about 10,000,000,000 pounds, or over thirtyfold. The increase in the pro-

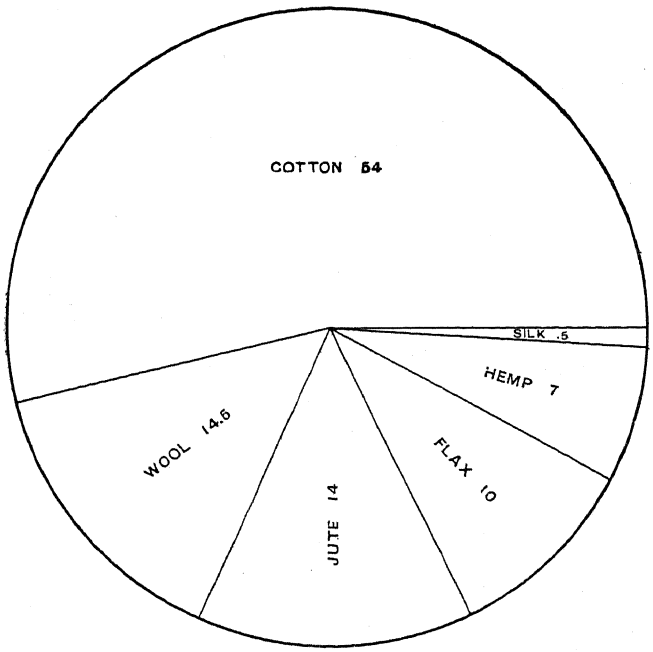
duction of commercial jute is most remarkable. The quantity in 1850 was 60,000,000 pounds, as compared with about 2,500,000,000 pounds in 1908.

The total quantity of textile materials shown in the table is 18,042,245,000 pounds, of which cotton constitutes 54 per cent; wool, 14.5 per cent; silk, less than one-half of 1 per cent; jute, 14 per cent; flax, 10 per cent; and hemp, 7 per cent. The total supply of textile fibers entering commercial channels at the beginning of the nineteenth century amounted to approximately 1,400,000,000 pounds, of which cotton was about 22 per cent; wool, 33 per cent; silk, 2 per cent; and flax, 43 per cent.

The total estimated value of the raw textile materials shown in Table 21 is $1,921,148,000, distributed approximately as follows: Cotton, $925,850,000; wool, $471,175,000; silk, $255,125,000; flax, $116,313,000; jute, $90,864,000; and hemp, $61,821,000. These statistics are based upon values per pound as follows: Cotton, 9.46 cents; wool, 18 cents; silk, $3.25; flax, 6.3 cents; jute, 3.6 cents; and hemp, 5.2 cents.

The present relative importance as to quantities of the textile fibers shown in Table 21 is interestingly presented by the following diagram:

DIAGRAM 3.—*Relative importance as to quantity of the six leading textile fibers.*



Textile fibers may be divided into animal (silk and wool) and vegetable (cotton, flax, jute, hemp, and the like). Vegetable fibers may further be divided into soft fibers, as cotton, flax, hemp, and jute, and hard or root fibers, including manila, sisal, and istle. The ease and rapidity with which cotton fiber is transformed into yarn and its adaptability to all forms of woven fabrics are responsible for the manner in which it has outstripped all other fibers, and for its extensive and increasing use.

Wool.—Of all textile fibers, wool is one of the most interesting as well as the most difficult for the manufacturer to handle. The wide range within which the production of wool is possible, together with the desirable qualities it possesses for the manufacture of clothing, have made it a most important factor in the history of civilization. Sheep can be raised in any country where warm clothing is needed, except in the polar regions, and it is natural that the woolen industry should spring up in primitive communities and among people who are too poor to buy the material for their clothing. Therefore the wool manufacturing industry has a place in practically all countries. As a country increases in population, however, the lands must necessarily be utilized for agriculture, and the range for sheep is reduced. In recent years, consequently, the wool growing industry in Europe and America has not kept up with that in newer countries. Nearly one-half of the world's present commercial supply of wool is produced in Australia, New Zealand, and Argentina. Notwithstanding the fact that the production in the United States is not increasing materially, wool is still produced in every state.

Silk.—The world's production of animal silk has increased during the past century from 30,000,000 pounds to about 60,000,000 pounds. The leading countries in its production are, in the order of their importance, China, Japan, and Italy. The demand for silk has been so much in excess of the supply that ingenious efforts have been made in recent years to discover substitutes, and the manufacture of artificial silk has assumed considerable importance. The founders of this industry in France have sought not so much the formula necessary for the complete combination of the chemical elements of animal silk, as to produce an article possessing the principal technical properties of silk—more particularly tenacity, brilliancy, elasticity, and aptitude for bleaching and coloring. The approximate annual production of this artificial silk is about 8,000,000 pounds, and the production appears to be unequal to the demand.

Flax.—Flax was one of the plants earliest cultivated for fiber, and until the advent of cotton its fiber was used more extensively than that of any other vegetable. Prior to that time its cultivation was very general throughout the world. Russia produces more than three-fourths of the present supply of flax fiber and Austria, France, and Italy most of the remainder. The production of the fiber in the United States is negligible. The area cultivated for flaxseed is considerable. The average annual production of flaxseed is about 100,000,000 bushels, and of this the United States produces approximately 25 per cent; Argentina, 30 per cent; Russia, 20 per cent; and British India, 20 per cent.

Hemp.—Hemp has been cultivated and extensively used for many centuries. The present supply, as indicated in Table 21, is produced almost entirely by Russia, Austria, and Italy. In the United States the quantity produced is small, amounting to about 11,250,000 pounds. This represents a remarkable decline in the hemp growing industry in this country, as the production fifty years ago amounted to 149,000,000 pounds. More than half of the crop was then produced in Kentucky, which now contributes nearly all the American crop. The remainder is grown in California, Illinois, and Nebraska.

Jute.—Jute, which is the cheapest fiber used in the textile industry, is employed in greater quantities than any other, except cotton and wool. It sells for from 2¾ to 3½ cents per pound, and is used for making binding twine, rugs, carpets, grain sacks, and even for filling in heavy silk goods. Jute butts, ranging in price from 1 to 2 cents per pound, are used for making paper, coarse bagging for covering cotton bales, and cheap twine. Practically all of this fiber is produced in India, although limited quantities are grown in China and Malaysia. Experiments show that it may be produced in the southern part of the United States, but expensive labor and the lack of machinery for the proper preparation of the fiber are deterrents to its production.

Other fibers.—In addition to the fibers shown in Table 21, several others are consumed in large quantities, especially in the manufacture of twine. Among these may be mentioned manila hemp, sisal, New Zealand hemp, istle, or Tampico fiber, and ramie. The production of manila hemp, which is used very extensively in this country for the manufacture of twine, as shown by the receipts at all shipping ports in the Philippines, for 1908, amounted to 1,052,127 bales, equivalent to about 295,000,000 pounds, while that of sisal, measured by the receipts at Mexican ports, amounted to 687,262 bales, equivalent to about 250,000,000 pounds. Practically all of the sisal comes from Mexico, although small quantities are produced in Central America and in several other countries.

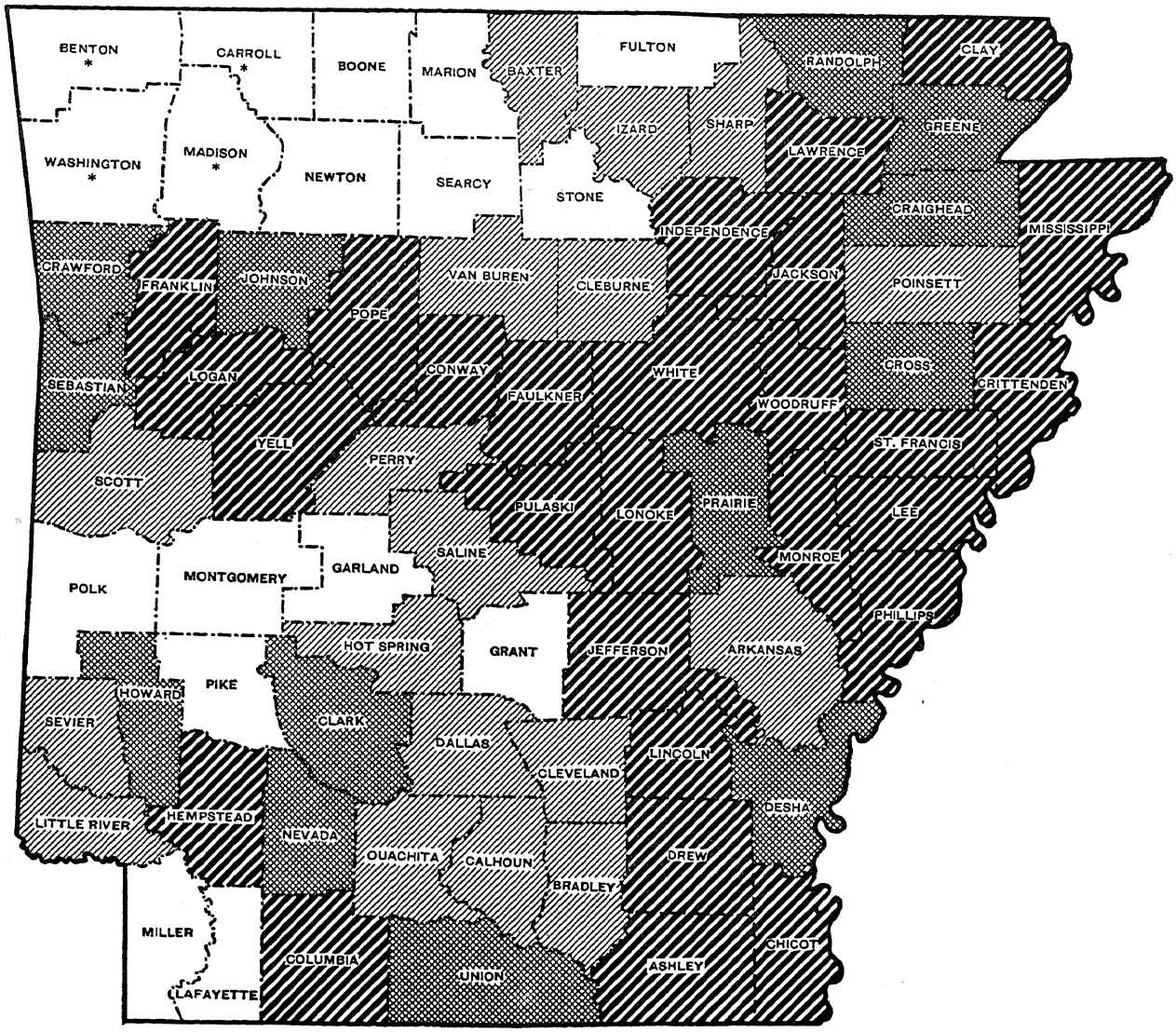
The following table shows the production, imports, exports, and consumption of the leading fibers for the United States in selected years from 1880 to 1908, together with the value per pound of that imported and exported:

TABLE 22.—AMERICAN PRODUCTION, IMPORTS, EXPORTS, AND CONSUMPTION OF RAW FIBERS FOR SELECTED YEARS: 1880 TO 1908.

FIBER.	Year.	PRODUCTION.	IMPORTS.			EXPORTS (INCLUDING REEXPORTS).			Consumption (pounds).
		Quantity (pounds).	Quantity (pounds).	Value.	Average value per pound.	Quantity (pounds).	Value.	Average value per pound.	
Cotton	1908	6,501,210 800	71,072,855	$14,172,241	$0.199	3,820,571,565	$438,239,579	$0.115	2,246,514,000
	1900	4,729,967,500	67,398,521	7,960,945	.118	3,101,964,651	242,001,498	.078	1,923,704,600
	1890	3,736,255,500	8,606,049	1,392,728	.162	2,472,047,957	251,008,318	.102	1,193,374,641
	1880	2,733,193,500	3,547,792	591,120	.167	1,822,295,843	211,593,329	.116	798,344,838
Wool and hair of the alpaca goat and other like animals.	1908	[1] 311,138,321	125,980,524	23,664,938	.188	5,626,463	944,627	.168	[2] 431,492,382
	1900	310,953,140	155,928,455	20,260,936	.130	7,902,560	1,218,993	.154	473,528,347
	1890	276,000,000	105,431,285	15,264,083	.145	3,519,509	590,016	.168	425,000,000
	1880	232,500,000	128,131,747	23,727,650	.185	3,840,071	709,573	.185	320,000,000
Silk, including cocoons	1908	.....	15,424,228	63,665,826	4.128	91,541	384,552	4.204	[2] 15,332,687
	1900	.....	11,289,314	44,567,907	3.956	119,158	452,702	3.799	10,335,692
	1890	.....	6,105,891	23,373,621	3.828	18,923	77,595	4.101	6,654,038
	1880	.....	2,562,236	12,024,699	4.693	9,417	49,667	5.274	2,690,482
Flax	1908	.....	19,056,000	2,514,680	.132	80,000	8,244	.103	[2] 18,976,000
	1900	.....	13,934,000	1,646,274	.118	10,000	85	.009	16,980,646
	1890	241,389	16,096,000	2,188,021	.136	.....	.....	.....	[2] 16,337,389
	1880	1,565,546	8,756,000	1,248,919	.143	.....	.....	.....	[2] 10,321,546
Hemp	1908	11,250,000	12,426,000	1,086,805	.087	1,162,000	111,938	.096	[2] 22,514,000
	1900	11,750,630	6,800,000	450,269	.066	300,000	17,196	.057	25,588,715
	1890	23,022,000	[3] 73,182,000	[3] 7,341,956	.100	[3] 496,000	[3] 54,323	.110	[2] 95,708,000
	1880	10,050,000	[3] 49,804,000	[3] 3,068,004	.062	[3] 1,385,100	[3] 77,992	.056	[2] 58,468,900
Jute	1908	.....	215,066,000	6,504,920	.030	436,000	19,377	.044	[2] 214,630,000
	1900	.....	205,386,000	3,956,413	.019	54,000	1,315	.024	206,249,826
	1890	.....	180,798,000	3,249,926	.018	838,000	10,517	.013	[2] 179,960,000
	1880	.....	[4] 164,942,000	[4] 5,075,945	.031	[4] 1,232,000	[4] 66,743	.054	[2] 163,710,000
Manila	1908	.....	104,934,000	8,974,617	.086	5,822,000	525,327	.090	[2] 99,112,000
	1900	.....	85,248,000	7,172,368	.084	2,042,000	246,034	.120	123,241,820
	1890	.....	(5)	(5)	.....	(5)	(5)	.....	.....
Sisal	1908	.....	207,988,000	14,047,369	.068	5,240,000	326,116	.062	[2] 202,748,000
	1900	.....	153,842,000	11,782,263	.077	2,786,000	205,568	.074	146,352,853
	1890	.....	(6)	(6)	.....	(6)	(6)	.....	.....
Other vegetable fibers	1908	.....	47,664,000	2,367,922	.050	1,118,000	63,419	.057	[2] 46,546,000
	1900	.....	33,402,000	1,366,218	.041	3,706,000	201,855	.054	[2] 29,696,000
	1890	.....	[7] 120,588,000	[7] 7,761,864	.064	[7] 10,686,000	[7] 736,627	.069	[2] 109,902,000

[1] From report of National Association of Wool Manufacturers, and does not include mohair.
[2] Consumption figures arrived at by deduction.
[3] Includes manila, etc.
[4] Includes fibrous grasses.
[5] Included under "hemp."
[6] Included under "other vegetable fibers."
[7] Includes sisal.

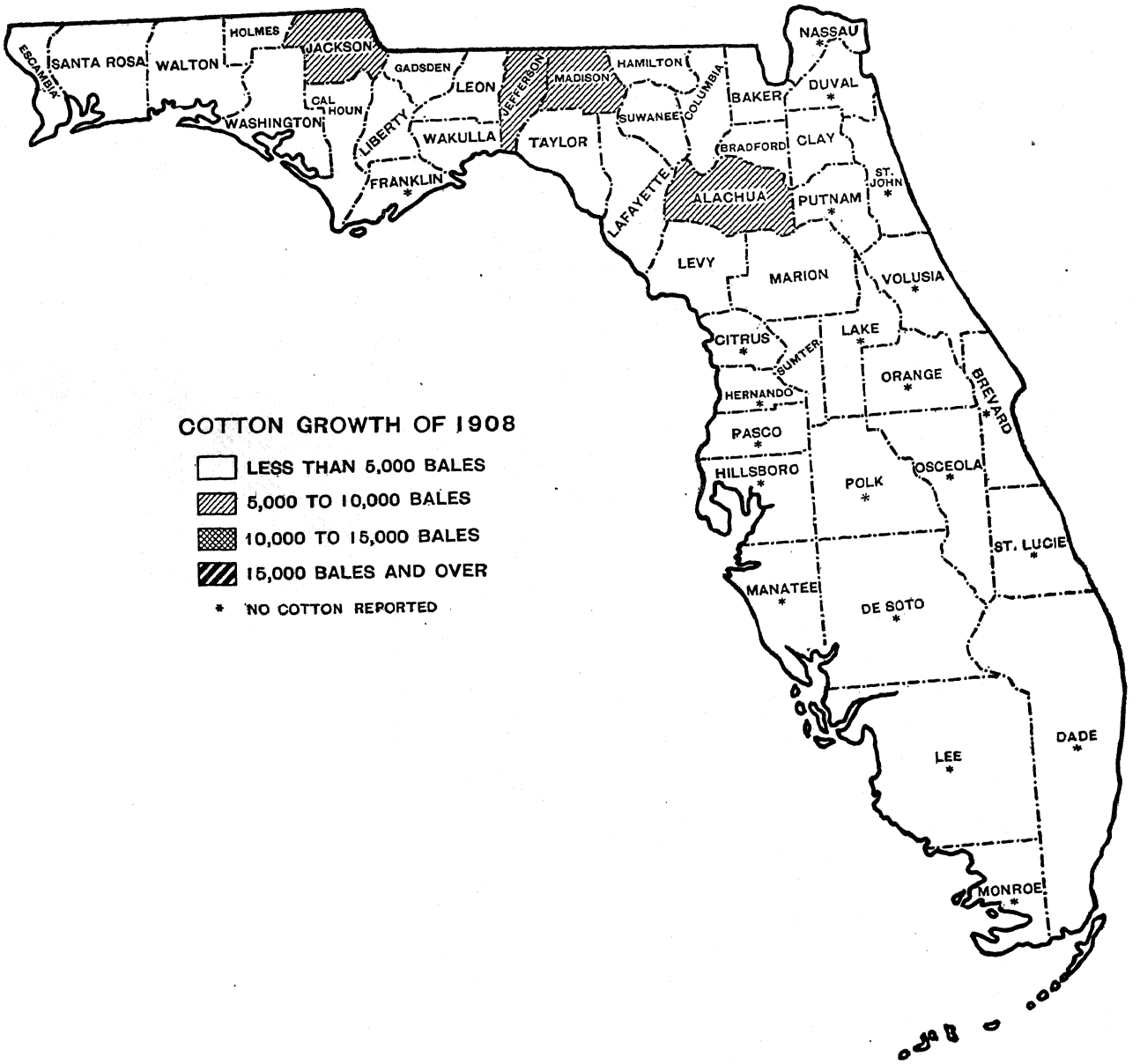
ARKANSAS



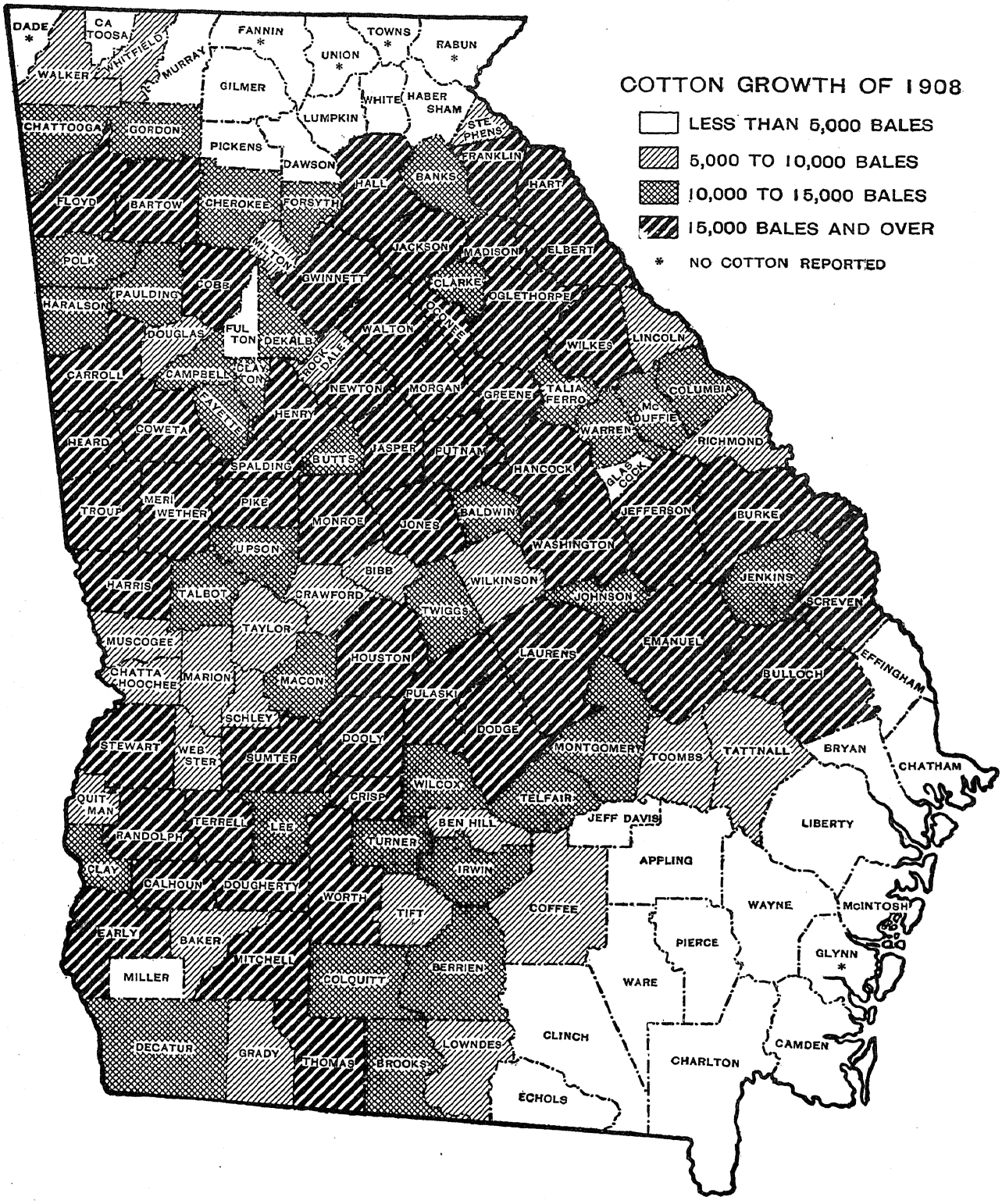
COTTON GROWTH OF 1908

- LESS THAN 5,000 BALES
- 5,000 TO 10,000 BALES
- 10,000 TO 15,000 BALES
- 15,000 BALES AND OVER
- * NO COTTON REPORTED

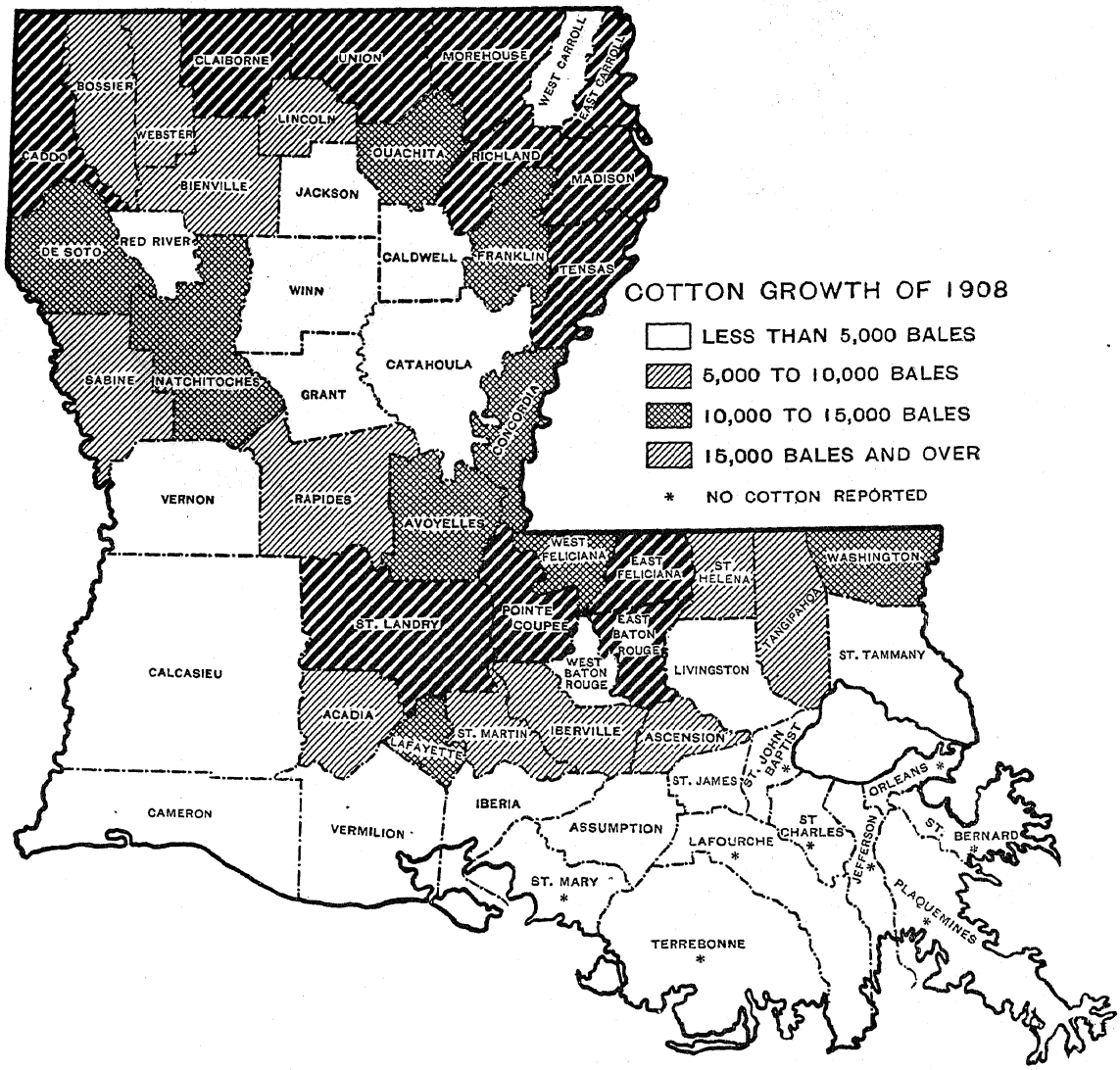
FLORIDA


ESCAMBIA
SANTA ROSA
WALTON
HOLMES
JACKSON
GADSDEN
LEON
JEFFERSON
MADISON
HAMILTON
COLUMBIA
NASSAU
DUVAL
BAKER
CAL HOUN
WASHINGTON
LIBERTY
WAKULLA
TAYLOR
SUWANEE
BRADFORD
CLAY
FRANKLIN
LAFAYETTE
ALACHUA
PUTNAM
ST. JOHN
LEVY
MARION
VOLUSIA
CITRUS
SUMTER
LAKE
ORANGE
BREVARD
HERNANDO
PASCO
HILLSBORO
POLK
OSCEOLA
ST. LUCIE
MANATEE
DE SOTO
DADE
LEE
MONROE
COTTON GROWTH OF 1908
LESS THAN 5,000 BALES
5,000 TO 10,000 BALES
10,000 TO 15,000 BALES
15,000 BALES AND OVER
* NO COTTON REPORTED

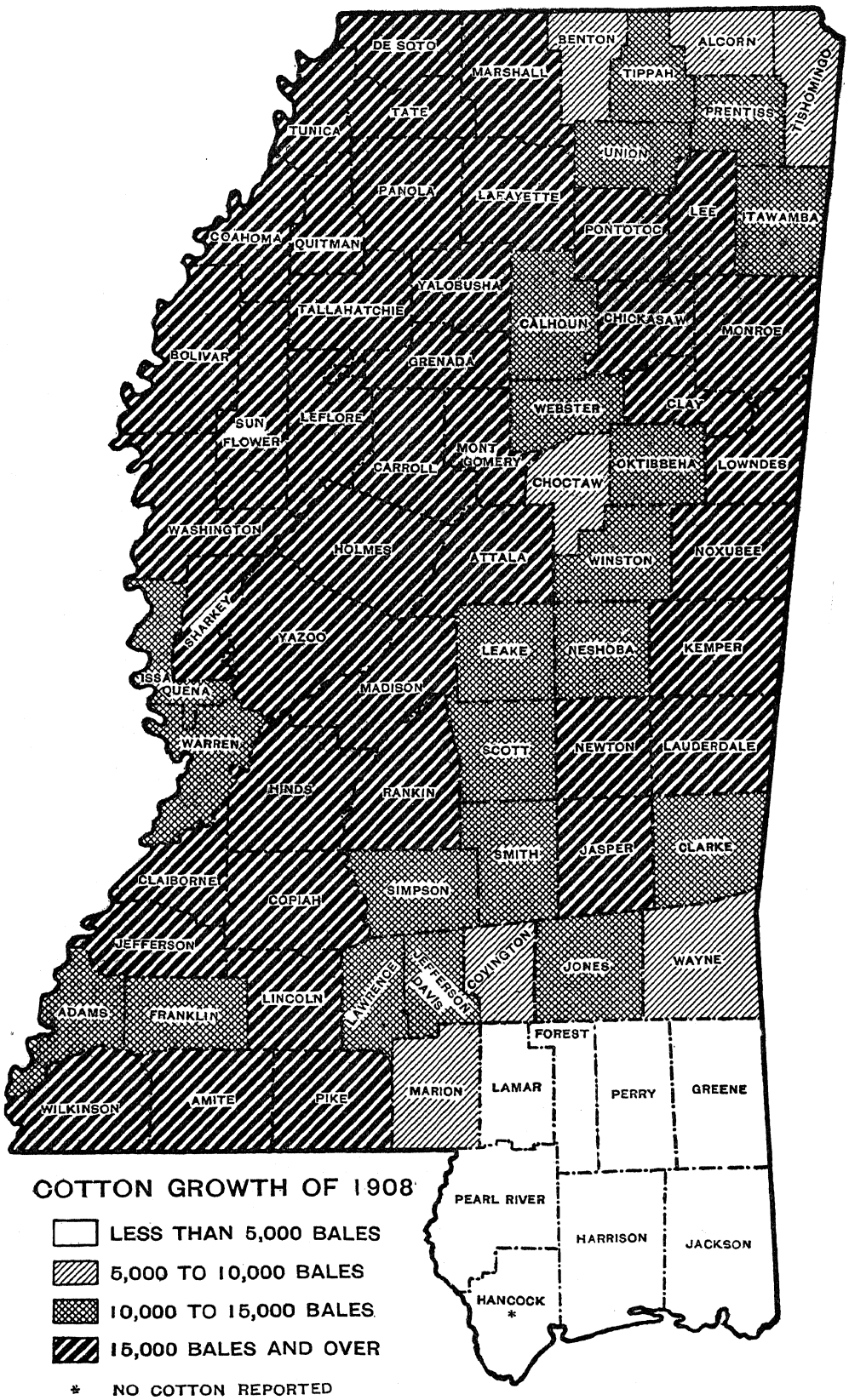
GEORGIA


COTTON GROWTH OF 1908
LESS THAN 5,000 BALES
5,000 TO 10,000 BALES
10,000 TO 15,000 BALES
15,000 BALES AND OVER
* NO COTTON REPORTED
DADE
CA TOOSA
WHITFIELD
MURRAY
WALKER
FANNIN
UNION
TOWNS
RABUN
GILMER
WHITE
HABER SHAM
LUMPKIN
STE PHENS
CHATTOOGA
GORDON
PICKENS
DAWSON
FRANKLIN
HALL
BANKS
HART
FLOYD
BARTOW
CHEROKEE
FORSYTH
JACKSON
MADISON
ELBERT
POLK
PAULDING
COBB
GWINNETT
CLARKE
OGLETHORPE
HARALSON
DOUGLAS
FUL TON
DEKALB
WALTON
WILKES
LINCOLN
CARROLL
CAMPBELL
CLAY TON
NEWTON
MORGAN
GREENE
TALIA FERRO
COLUMBIA
Mc DUFFIE
HENRY
COWETA
HEARD
WARREN
RICHMOND
JASPER
PUTNAM
SPALDING
BUTTS
HANCOCK
GLASCOCK
TROUP
MERI WETHER
PIKE
MONROE
JONES
BALDWIN
JEFFERSON
BURKE
UPSON
WASHINGTON
HARRIS
TALBOT
BIBB
CRAWFORD
WILKINSON
JENKINS
JOHNSON
SCREVEN
TWIGGS
TAYLOR
MUSCOGEE
HOUSTON
LAURENS
EMANUEL
EFFINGHAM
CHATTA HOOCHEE
MARION
MACON
PULASKI
BULLOCH
SCHLEY
DODGE
STEWART
WEB STER
SUMTER
DOOLY
MONTGOMERY
TOOMBS
TATTNALL
BRYAN
CHATHAM
QUIT MAN
CRISP
WILCOX
TELFAIR
TERRELL
LEE
BEN HILL
JEFF DAVIS
LIBERTY
RANDOLPH
TURNER
APPLING
CLAY
CALHOUN
DOUGHERTY
IRWIN
WORTH
COFFEE
WAYNE
McINTOSH
TIFT
EARLY
BAKER
PIERCE
GLYNN
MITCHELL
MILLER
COLQUITT
BERRIEN
WARE
CLINCH
CAMDEN
DECATUR
GRADY
THOMAS
BROOKS
LOWNDES
CHARLTON
ECHOLS

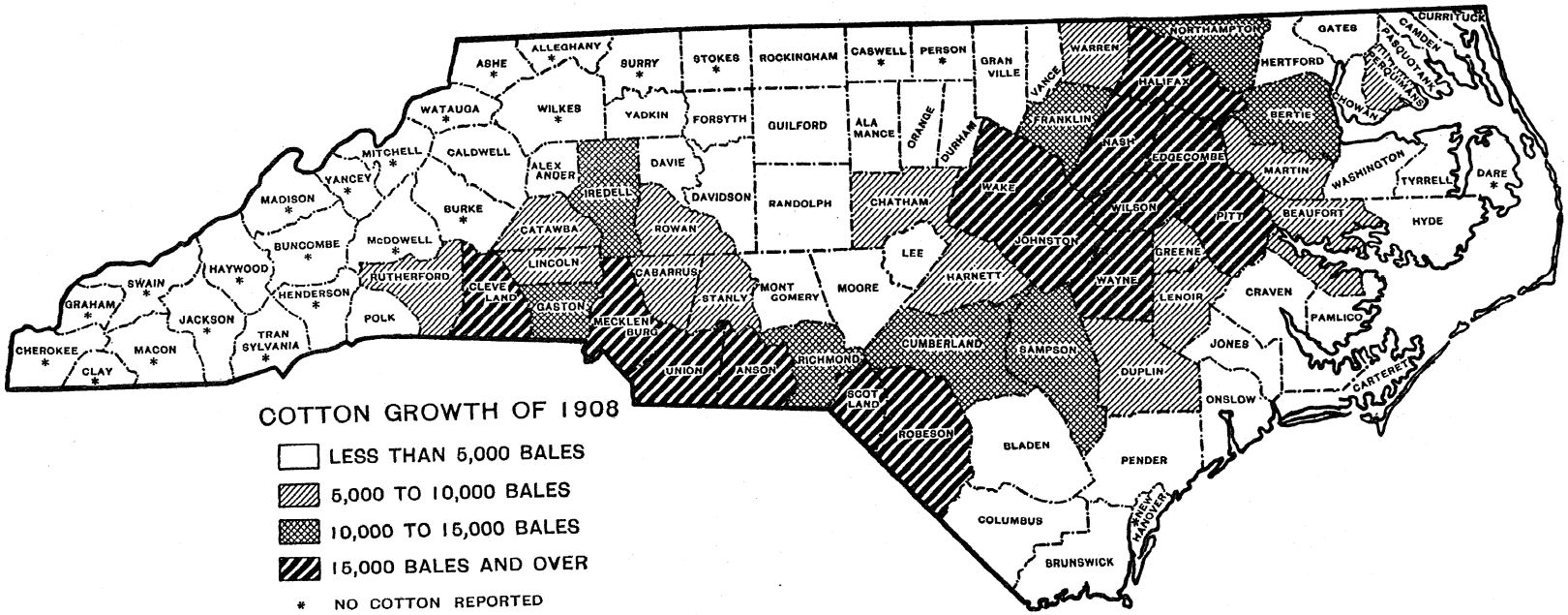
LOUISIANA


COTTON GROWTH OF 1908
LESS THAN 5,000 BALES
5,000 TO 10,000 BALES
10,000 TO 15,000 BALES
15,000 BALES AND OVER
* NO COTTON REPORTED
CLAIBORNE
UNION
MOREHOUSE
WEST CARROLL
EAST CARROLL
BOSSIER
WEBSTER
LINCOLN
OUACHITA
RICHLAND
MADISON
CADDO
BIENVILLE
JACKSON
DE SOTO
RED RIVER
CALDWELL
FRANKLIN
TENSAS
WINN
CATAHOULA
SABINE
NATCHITOCHES
GRANT
CONCORDIA
VERNON
RAPIDES
AVOYELLES
WEST FELICIANA
EAST FELICIANA
ST. HELENA
WASHINGTON
ST. LANDRY
POINTE COUPEE
EAST BATON ROUGE
WEST BATON ROUGE
LIVINGSTON
TANGIPAHOA
ST. TAMMANY
CALCASIEU
ACADIA
LAFAYETTE
ST. MARTIN
IBERVILLE
ASCENSION
ST. JOHN BAPTIST
ST. JAMES
ORLEANS
CAMERON
VERMILION
IBERIA
ASSUMPTION
LAFOURCHE
ST CHARLES
JEFFERSON
ST. BERNARD
ST. MARY
PLAQUEMINES
TERREBONNE

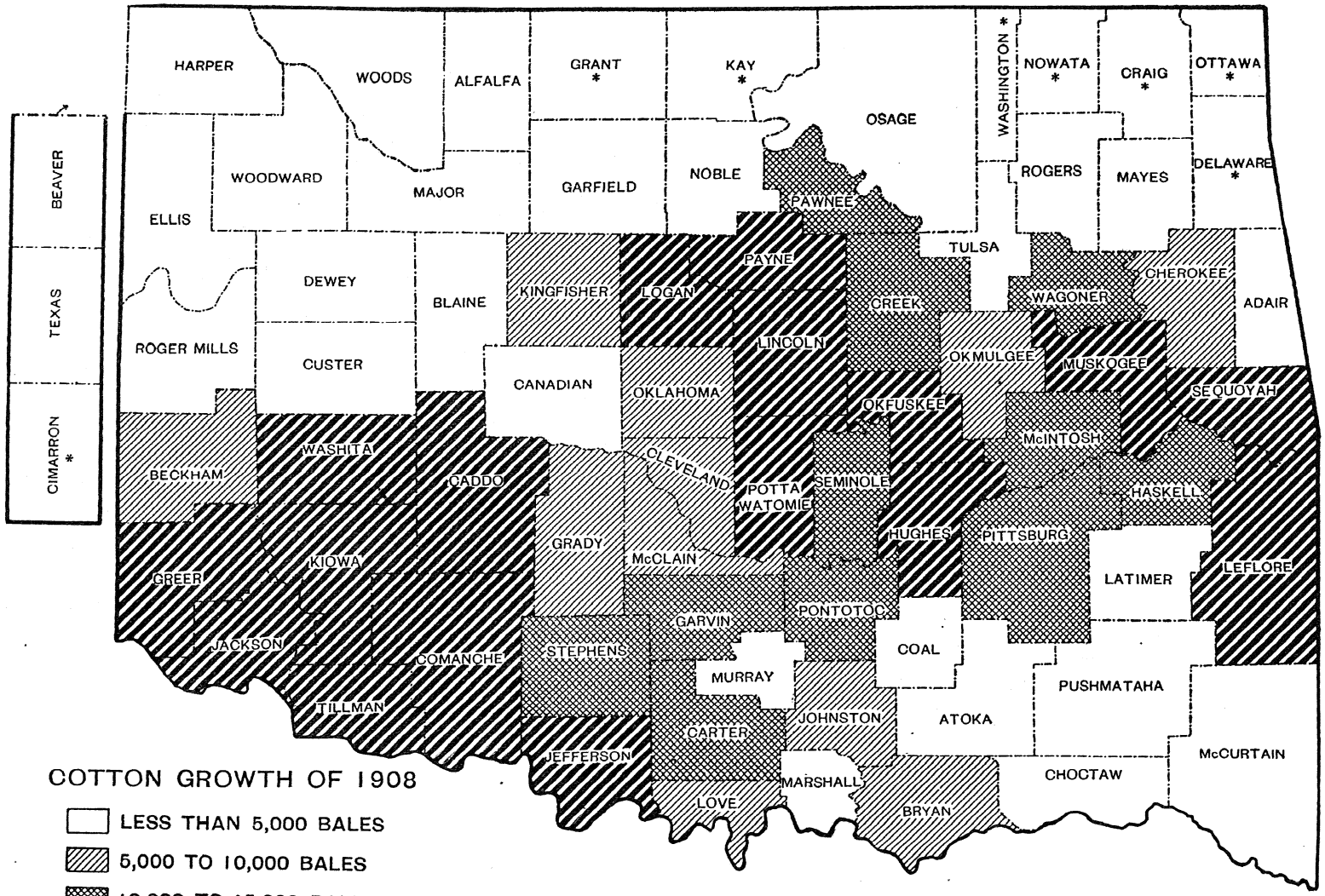
MISSISSIPPI



NORTH CAROLINA



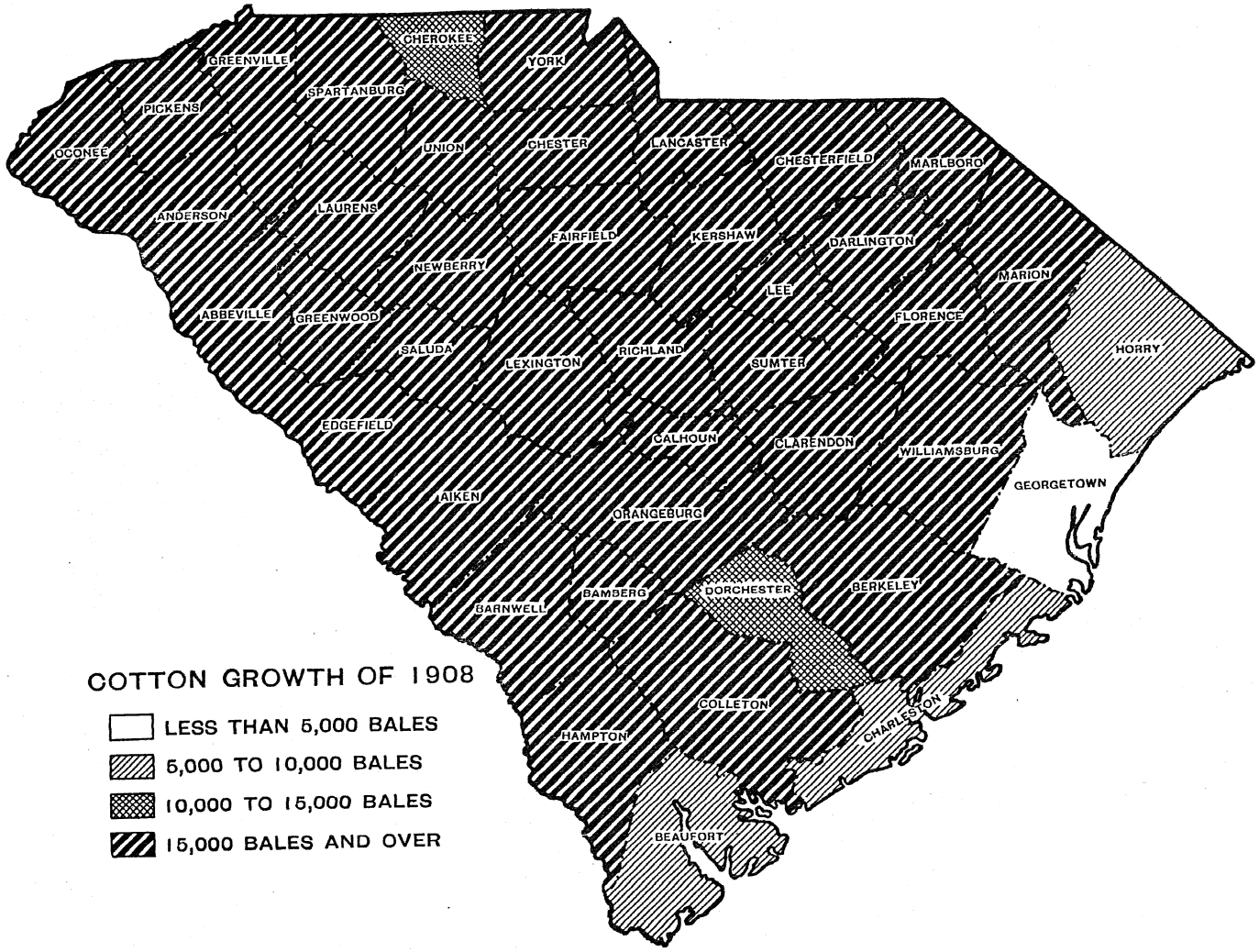
OKLAHOMA



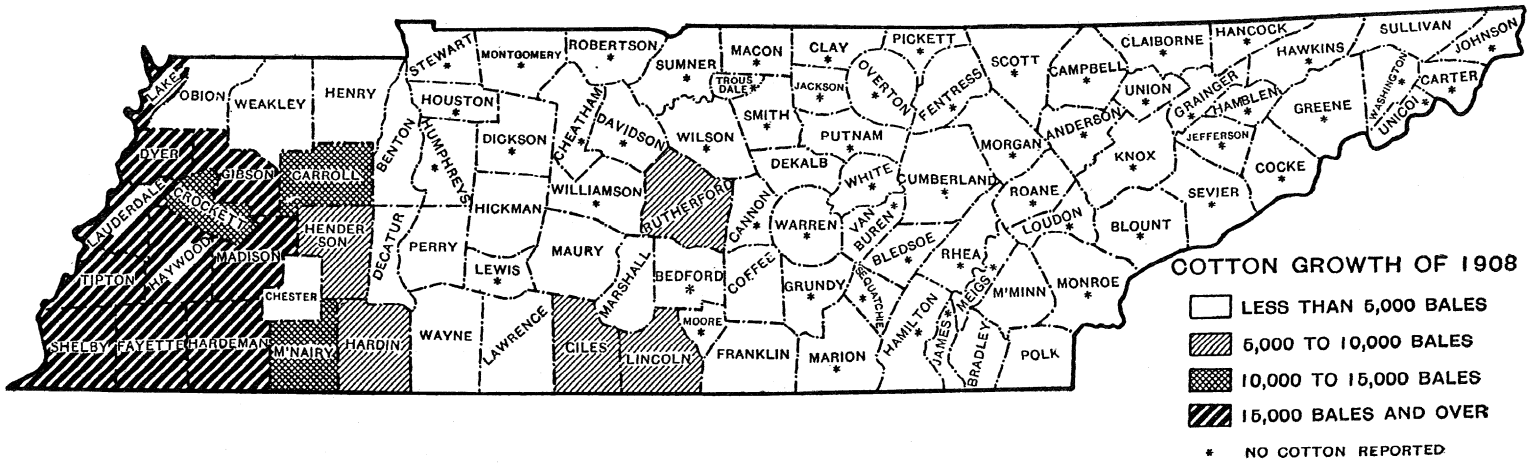
COTTON GROWTH OF 1908

- LESS THAN 5,000 BALES
- 5,000 TO 10,000 BALES
- 10,000 TO 15,000 BALES
- 15,000 BALES AND OVER
- * NO COTTON REPORTED

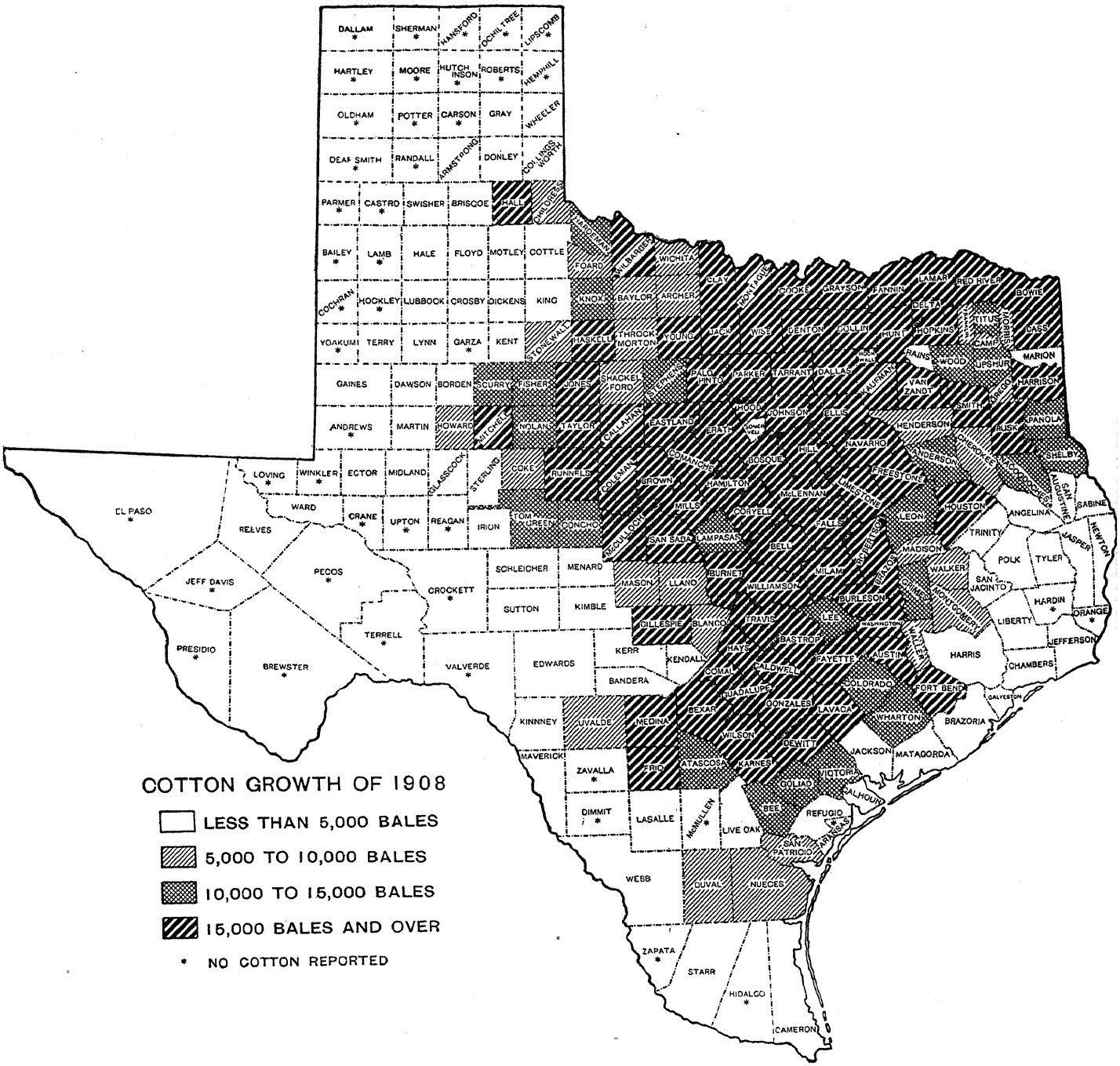
SOUTH CAROLINA



TENNESSEE


LAKE
OBION
WEAKLEY
HENRY
STEWART
MONTGOMERY
ROBERTSON
SUMNER
MACON
CLAY
PICKETT
SCOTT
CAMPBELL
CLAIBORNE
HANCOCK
HAWKINS
SULLIVAN
JOHNSON
CARTER
WASHINGTON
UNICOI
GREENE
HAMBLEN
GRAINGER
JEFFERSON
UNION
ANDERSON
KNOX
COCKE
SEVIER
BLOUNT
LOUDON
MONROE
POLK
M'MINN
MEIGS
BRADLEY
RHEA
ROANE
MORGAN
FENTRESS
OVERTON
TROUSDALE
JACKSON
SMITH
PUTNAM
WHITE
CUMBERLAND
VAN BUREN
BLEDSOE
SEQUATCHIE
HAMILTON
JAMES
DEKALB
WARREN
GRUNDY
MARION
FRANKLIN
MOORE
COFFEE
CANNON
BEDFORD
RUTHERFORD
WILSON
DAVIDSON
CHEATHAM
DICKSON
HOUSTON
HUMPHREYS
BENTON
WILLIAMSON
HICKMAN
MAURY
MARSHALL
LEWIS
PERRY
DECATUR
LAWRENCE
WAYNE
GILES
LINCOLN
HARDIN
M'NAIRY
HARDEMAN
FAYETTE
SHELBY
TIPTON
HAYWOOD
LAUDERDALE
CROCKETT
MADISON
CHESTER
HENDERSON
CARROLL
GIBSON
DYER
COTTON GROWTH OF 1908
LESS THAN 5,000 BALES
5,000 TO 10,000 BALES
10,000 TO 15,000 BALES
15,000 BALES AND OVER
NO COTTON REPORTED

TEXAS


COTTON GROWTH OF 1908
LESS THAN 5,000 BALES
5,000 TO 10,000 BALES
10,000 TO 15,000 BALES
15,000 BALES AND OVER
* NO COTTON REPORTED

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