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

BULLETIN 135

COTTON PRODUCTION AND DISTRIBUTION

SEASON OF 1916–17

PRICE, 15 CENTS
Sold only by the Superintendent of Documents, Government Printing Office
Washington, D. C.

WASHINGTON
GOVERNMENT PRINTING OFFICE
1918

CONTENTS.

	Page.
SUPPLY AND DISTRIBUTION OF COTTON IN THE UNITED STATES	7
Table 1.—Supply and distribution of cotton and of linters in the United States, for the 12 months ending July 31: 1916 and 1917	7
Comparative data	8
Table 2.—Supply and distribution of cotton and linters in the United States: 1906 to 1917	8
Method of collecting and assembling data	9
Periodical cotton reports	11
Ginning reports to be issued during the season of 1917–18	11
Distribution of reports	11
COTTON PRODUCTION IN THE UNITED STATES	13
Table 3.—Comparative summary—Cotton and linter production: Crops of 1899 to 1916	13
Production, by states	15
Table 4.—Production, by states, of upland and sea-island cotton, with percentage of the total crop reported from each state, and rank of each state in the production of cotton; also the production of linters: 1912 to 1916	16
"Bolly" cotton	18
Conditions affecting the crop: 1916	18
Cotton insect pests	19
Cotton insect pests in 1916	19
Protection against foreign insect pests	19
Cotton remaining to be ginned	20
Table 5.—Estimated cotton remaining to be ginned after the March canvass, by states: 1912 to 1916	20
Cotton ginned to specified dates	20
Table 6.—Cotton ginned to specified dates and throughout the season, and per cent of total ginned to each date: 1902 to 1916	21
Number of round bales included in reports of cotton ginned to specified dates: 1909 to 1916	22
Ginnings to specified dates, by states and by counties	22
Table 7.—Cotton ginned to specified dates and throughout the season, by states: 1912 to 1916	23
Table 8.—Per cent of the total cotton ginned to specified dates, by states: 1912 to 1916	26
Table 9.—Quantity of cotton and percentage of the total ginned during each period between report dates: Crops of 1912 to 1916	27
Average weight of bale	28
Table 10.—Average gross weight of the several kinds of bales and number and gross weight of square bales for which weights were returned, by states: 1912 to 1916	28
Method of computing average bale weights	29
Disparity between census and export bale weights	30
Prices of cotton and cotton seed	30
Table 11.—Average price obtained by producers for cotton and cotton seed, by states: 1912 to 1916	31
The value of the cotton crop	32
Table 12.—Gross weight and estimated value of lint cotton and estimated quantity and value of cotton seed, by states: 1912 to 1916	33
Estimated seed production	36
Cotton grading and marketing	36
The United States warehouse act	36
Long-staple cotton	37
Sea-island cotton	38
Table 13.—Sea-island cotton—Production, average gross weight of bale, and quantity ginned to specified dates, by states: 1912 to 1916	38
Egyptian cotton	39
Long-staple upland cotton	39
Upland long-staple, short-staple, and sea-island cotton—Relative production, yields per acre, and prices: 1915 and 1916	40
Number of ginneries	41
Table 14.—Number of active and idle ginneries, and average number of running bales, excluding linters, ginned per active establishment, by states: 1912 to 1916	42
Acreage and production	43
Table 15.—Cotton acreage harvested and production, by states, for selected years: 1839 to 1917	44
Localization of cotton ginning	46
Table 16.—Cotton-producing counties, classified according to quantity of cotton ginned, by states: 1912 to 1916	46
CONSUMPTION AND STOCKS OF COTTON	48
Table 17.—Spindles, raw cotton and linters consumed, and stocks held in consuming establishments: United States, 1906 to 1917, and by states, 1913 to 1917	48
Spindles	50
Localization of cotton spinning	51
Table 18.—Counties in the United States having more than 100,000 cotton spindles each, arranged in order of number of spindles: 1917	51
Ring and mule spindles	52
Table 19.—Number of active ring and mule cotton spindles, by states, for specified years: 1904 to 1917	52

CONSUMPTION AND STOCKS OF COTTON—Continued. Page.
Cotton consumed 53
Kinds of cotton used 54
Table 20.—Quantity of the several kinds of raw cotton consumed and of stocks held in consuming establishments: 1914, 1915, 1916, and 1917 54
Linters consumed 55
Growth of the cotton industry since 1840 55
Table 21.—Production and consumption of cotton and number of active cotton spindles in the United States, by sections, for specified years: 1840 to 1917 56
Stocks of cotton 56
Monthly reports of cotton and linters consumed and on hand, and active cotton spindles 57
Table 22.—Cotton and linters consumed and on hand in consuming establishments and in public storage and at compresses, by months: September, 1912, to July, 1917, inclusive 57
Active cotton spindles 58
Table 23.—Active consuming cotton spindles, by months: September, 1912, to July, 1917 59
Cotton consumed during each month, by states 59
Table 24.—Cotton consumed during each month, by states: September, 1912, to July, 1917 60
Table 25.—Foreign cotton consumed and on hand in consuming establishments and in public storage, by months: September, 1912, to July, 1917 62
Cotton stocks on specified dates 62
Table 26.—Cotton on hand in consuming establishments and in public storage and at compresses at the close of each month, by states: August, 1916, to July, 1917 63
IMPORTS AND EXPORTS OF COTTON 65
Imports 65
Table 27.—Total imports of cotton, by countries of production, for each month from September, 1912, to July, 1917, inclusive 65
Exports 67
Table 28.—Exports of domestic raw cotton and linters from the United States, by customs districts: 1912 to 1917 67
Net receipts of cotton, by ports 67
Table 29.—Net receipts of raw cotton at principal cotton ports, for specified years: 1875 to 1917 68
Exports of cotton, by countries to which exported 68
Table 30.—Exports of domestic cotton and linters—Value and quantity, with distribution of quantity, by countries to which exported: 1821 to 1917 69
Exports of domestic cotton, by months 72
Table 31.—Exports of domestic cotton and linters, by countries to which exported, by months: September, 1912, to July, 1917, inclusive 73
Exports of sea-island cotton 74
Table 32.—Exports of sea-island cotton, by countries to which exported, for specified years: 1885 to 1917 74
Exports and imports of cotton manufactures 74
Table 33.—Exports of domestic manufactures of cotton, by countries to which exported, for the year ending June 30, 1917 75
Table 34.—Imports of cotton manufactures, by countries from which imported, for the year ending June 30, 1917 77
Table 35.—Value of exports and imports of cotton manufactures, by countries to which exported or from which imported, for the year ending June 30, 1900, 1905, 1906, and 1908 to 1917 78
Production, consumption, exports, and imports of cotton 79
Table 36.—Production, consumption, exports, and net imports of raw cotton, for the United States: 1790 to 1916 80
THE WORLD'S PRODUCTION AND CONSUMPTION OF COTTON 83
World's cotton production 83
Table 37.—World's production of commercial cotton, by countries: 1912 to 1916 83
United States 84
India 85
Table 38.—Cotton acreage, production, and yield per acre in India: 1897 to 1916 85
Table 39.—Cotton acreage and production in India, by provinces: 1912 to 1916 86
Egypt 86
Table 40.—Cotton acreage, production, and yield per acre in Egypt: 1895 to 1916 87
Russia 87
China 87
Brazil 87
Mexico 87
Peru 87
Other countries 88
World's cotton consumption 88
Table 41.—World's active cotton spindles: 1900 and 1914 88
Table 42.—World's consumption of cotton: Season of 1916-17 89
FIBER CONSUMED IN EXPLOSIVES AND ABSORBENT COTTON 90
Cotton fiber used in explosives 90
Table 43.—Cotton fiber (bleached) consumed in the manufacture of explosives 90
Cotton fiber used for absorbent cotton 91
Table 44.—Cotton fiber (unbleached) consumed in the manufacture of absorbent and medicated cotton 92
COTTON SEED AND COTTONSEED PRODUCTS 93
Supply and distribution of cotton seed and products 93
Table 45.—Supply and distribution of cotton seed and cottonseed products for oil mills for the 12 months ending July 31, 1917 94
Yield of products per ton of seed worked 94
Quantities of the several products obtained per ton of seed crushed, by states: Season of 1916-17 95

COTTON SEED AND COTTONSEED PRODUCTS—Continued. Page.
Periodical reports 95
Table 46.—Cotton seed received, crushed, and on hand and cottonseed products manufactured, shipped out, and on hand for oil mills, by periods: August, 1916, to July, 1917, inclusive 95
Movement of cotton seed by states and by periods 96
Table 47.—Cotton seed received, crushed, and on hand for cottonseed-oil mills, by states and by periods: August, 1916, to July, 1917, inclusive 97
Number of cottonseed-oil mills, classified according to quantity of seed crushed 99
Refining and movement of cottonseed oil 99
Table 48.—Crude cottonseed oil consumed, on hand, and in transit, and refined oil produced, on hand, and in transit for refineries and consuming establishments, by periods: August, 1916, to July, 1917, inclusive 99
Stocks of cottonseed oil 100
Table 49.—Stocks of crude and refined cottonseed oil held at end of calendar months July 31, 1916, to July 31, 1917, inclusive 100
Comparative data of cotton seed crushed and linters produced 101
Table 50.—Cotton seed crushed and linters obtained to December 1 and January 1, by states: Crops of 1913, 1914, 1915, and 1916 101
Table 51.—Number of cottonseed-oil mills, quantity of seed crushed, and quantity of linters obtained, by states: Crops of 1911 to 1916 102
Imports and exports 103
Table 52.—Imports of cottonseed oil and exports of cottonseed oil, cake, meal, and linters from: August, 1916, to July, 1917, inclusive 103
Comparative data for the industry 103
Table 53.—Estimated quantity of cotton seed produced, quantity of cotton seed crushed, estimated quantities and values of crude products obtained, and exports of cottonseed products: 1874 to 1916 104
COTTON GINNED, BY COUNTIES 106
Table 54.—Quantity of sea-island cotton ginned from the crops of 1912 to 1916, by counties 106
Table 55.—Number of ginneries in 1916 and quantity of cotton, exclusive of linters, ginned from the crops of 1914 to 1916, by counties 107
Table 56.—Cotton ginned to specified dates and total for the season, by counties: Crop of 1916 123

MAPS.

Map 1.—Cotton-producing area of the United States in 1916, and center of production: 1859–1916 14
Production of cotton, 1916, by counties 137
Alabama 137
Arkansas 138
Florida 139
Georgia 140
Louisiana 139
Mississippi 143
North Carolina 141
Oklahoma 142
South Carolina 138
Tennessee 141
Texas 144

DIAGRAMS.

Diagram 1.—Area and yield of cotton: 1893 to 1916 43
Diagram 2.—Percentage of the world's mill supply of cotton contributed by each country: 1916 84

LETTER OF TRANSMITTAL.

DEPARTMENT OF COMMERCE,
BUREAU OF THE CENSUS,
Washington, D. C., October 10, 1917.

SIR:

I have the honor to transmit herewith Census Bulletin 135, which is a report on the production of cotton from the crop of 1916 and the consumption, imports, exports, and stocks of cotton and number of cotton spindles and cotton seed received, crushed, and on hand and cottonseed products manufactured, shipped out, and on hand for the year ending July 31, 1917. The data were collected and compiled by the Division of Cotton and Tobacco Statistics under the supervision of Mr. William M. Steuart, formerly chief statistician for manufactures, and of Mr. William L. Austin, chief statistician for cotton, assisted by Mr. H. J. Zimmerman, expert chief of division.

The report is presented in seven sections: (1) Supply and distribution of cotton in the United States; (2) annual production of cotton and linters in the United States, as returned by ginners and delinters, distributed by states from 1912 to 1916, inclusive, and by counties from 1914 to 1916, inclusive, with production for previous years; (3) consumption and stocks of cotton and number of cotton spindles in the United States for the year ending July 31, 1917, together with detailed statistics of spindles, cotton consumed, and cotton on hand, including comparative figures for previous years; (4) imports and exports of cotton for the year ending July 31, 1917, with comparative figures for previous years, and imports and exports of cotton goods; (5) world's cotton production and consumption, by countries; (6) the consumption of cotton fiber used in the manufacture of guncotton and explosives of all kinds and of absorbent and medicated cotton; and (7) cotton seed received, crushed, and on hand and products manufactured, shipped out, and on hand.

In conformity with the act of Congress approved July 22, 1912, there were published, during the season of 1916–17, 10 preliminary reports of cotton ginned to specified dates and 12 reports giving for each month statistics of the quantity of cotton and linters consumed, the quantity on hand in consuming establishments and in public storage and at compresses, the quantity imported, the quantity exported, and the number of active consuming cotton spindles. The statistics of imports show the countries of production, and those of exports the principal countries to which exported. The present report gives the aggregation of the facts included in the preliminary statements and covers, respectively, the eighteenth and the thirteenth consecutive years for which statistics of cotton ginned and of cotton consumed and cotton stocks have been collected and published by this bureau.

In compliance with the act of Congress approved August 7, 1916, there were published during the past season 11 preliminary reports of cotton seed received, crushed, and on hand and of cottonseed products manufactured, shipped out, and on hand, 4 reports of cotton fiber used in the manufacture of explosives and 2 reports of cotton fiber consumed in the manufacture of absorbent cotton.

Respectfully,

SAM. L. ROGERS,
Director of the Census.

To Hon. WILLIAM C. REDFIELD,
Secretary of Commerce.

SUPPLY AND DISTRIBUTION OF COTTON IN THE UNITED STATES.

Table 1 summarizes the statistics for the supply and distribution of cotton and of linters in the United States for the 12 months ending July 31, 1916 and 1917. Detailed figures for the various items making up the supply and distribution are presented in the tables appearing elsewhere in this report.

TABLE 1.—SUPPLY AND DISTRIBUTION OF COTTON AND OF LINTERS IN THE UNITED STATES FOR THE 12 MONTHS ENDING JULY 31: 1916 AND 1917.

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

	TOTAL (BALES).		COTTON EXCLUSIVE OF LINTERS (BALES).		LINTERS (BALES).	
	1917	1916	1917	1916	1917	1916
SUPPLY.						
Aggregate	16,606,048	16,972,895	14,846,526	15,527,994	1,759,522	1,444,901
On hand at beginning of year, total	3,403,256	4,324,890	3,139,709	3,936,104	263,547	388,786
In consuming establishments, total	1,732,686	1,600,090	1,632,245	1,401,185	100,441	198,905
In cotton-growing states	718,117	673,731	684,654	577,201	33,463	96,530
In all other states	1,014,569	926,359	947,591	823,984	66,978	102,375
In public storage and at compresses	1,220,570	1,874,800	1,107,464	1,784,919	113,106	89,881
Elsewhere (estimated)	450,000	850,000	400,000	750,000	50,000	100,000
Net imports	288,486	420,995	288,486	420,995	(1)	(1)
Ginnings	12,664,078	12,012,813	11,363,915	11,068,173	1,300,163	944,640
To balance distribution	250,228	214,197	54,416	102,722	195,812	111,475
DISTRIBUTION.						
Aggregate	16,606,048	16,972,895	14,846,526	15,527,994	1,759,522	1,444,901
Exported	5,739,009	6,191,110	5,302,848	5,895,672	436,161	295,438
Consumed, total	7,658,207	7,278,529	6,788,505	6,397,613	869,702	880,916
In cotton-growing states	(2)	3,977,130	3,888,348	3,527,528	(2)	449,602
In all other states	(2)	3,301,399	2,900,157	2,870,085	(2)	431,314
Destroyed by fire	*35,000*	*100,000*	35,000	95,000	.....	5,000
On hand at end of year, total	3,173,832	3,403,256	2,720,173	3,139,709	453,659	263,547
In consuming establishments, total	1,614,888	1,732,686	1,501,916	1,632,245	112,972	100,441
In cotton-growing states	(2)	718,117	609,090	684,654	(2)	33,463
In all other states	(2)	1,014,569	892,826	947,591	(2)	66,978
In public storage and at compresses	1,118,944	1,220,570	888,257	1,107,464	230,687	113,106
Elsewhere (estimated)	440,000	450,000	330,000	400,000	110,000	50,000

[1] Included in statistics of cotton imported.
[2] Not shown separately to avoid disclosure of individual operations.

The supply of cotton in the United States for the year ending July 31, 1917, amounted to 14,846,526 bales and of linters to 1,759,522 bales, making the total supply of cotton and linters combined 16,606,048 bales. This total compares with *16,972,895 bales for 1916 and 18,913,660 bales for 1915*, which included the record crop of 1914. The total of the supply for any year is made up principally of the ginnings for that year and the differences in supply from year to year are measured practically by the differences in the size of the crops produced, variations in stocks brought forward, and in net imports, being too small, as a rule, to affect materially the relative size of the totals.

Of the total supply of cotton for 1917, 6,823,505 bales, or 46 per cent, including the quantity destroyed by fire, were consumed in this country; 5,302,848 bales, or 35.7 per cent, were exported; and 2,720,173, or 18.3 per cent, remained in the country at the close of the year. Of the linter supply, 869,702 bales were consumed in this country, 436,161 bales were exported, and 453,659 bales were held in the country at the close of the year. The mill consumption of cotton in the United States in 1917 was the largest in the history of the country, exceeding that in 1916, the next largest, by 390,892 bales, but the consumption of linters fell below the total of 1916 by 11,214 bales. The exports of linters, however, showed an increase of 140,723 bales, or 47.6 per cent, over those of 1916, while the exports of cotton showed a decrease of 592,824 bales.

Stocks of cotton in the United States at the end of July, 1917, amounted to 2,720,173 bales, and of linters to 453,659 bales, a total of 3,173,832 bales. This amount was exceeded by the quantity held on July 31, 1916, by 229,424 bales and by the quantity held on the same date in 1915 by 1,151,058 bales. The big surplus of 1915 was due principally to the large crop of 1914. Cotton held in consuming establishments amounted to 1,501,916 bales, which compares with 1,632,245 bales for the preceding year. On the basis of the consumption during the past year, the stocks held in consuming establishments July 31, 1917, represent a supply for the American mills of about 11 weeks.

COMPARATIVE DATA.

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

TABLE 2.—SUPPLY AND DISTRIBUTION OF COTTON AND LINTERS IN THE UNITED STATES: 1906 TO 1917.

[The statistics for 1915, 1916, and 1917 relate to the 12 months ending July 31, and those for prior years to the 12 months ending Aug. 31. Quantities are given in running bales except that round bales are counted as half bales and foreign cotton in equivalent 500-pound bales.]

	1917	1916	1915	1914	1913	1912
SUPPLY.						
Aggregate	16,606,048	16,972,895	18,913,660	16,492,408	16,275,734	17,896,226
On hand at beginning of year, total	3,403,256	4,324,890	1,547,448	1,648,438	1,776,885	1,375,931
In consuming establishments, total	1,732,686	1,600,090	989,980	778,158	870,646	542,191
In cotton-growing states	718,117	673,731	347,664	234,509	241,611	101,114
In all other states	1,014,569	926,359	642,316	543,649	629,035	441,077
In public storage and at compresses	1,220,570	1,874,800	457,468	495,280	556,239	432,840
Elsewhere (estimated)	450,000	850,000	100,000	375,000	350,000	400,000
Net imports	288,486	420,995	363,595	265,646	225,460	229,268
Ginnings	12,664,078	12,012,813	16,738,241	14,290,320	14,159,078	16,068,936
To balance distribution	250,228	214,197	264,376	288,004	114,311	222,991
DISTRIBUTION.						
Aggregate	16,606,048	16,972,895	18,913,660	16,492,408	16,275,734	17,896,226
Exported	5,739,009	6,191,110	8,544,563	8,914,839	8,800,966	10,681,758
Consumed, total	7,658,207	7,278,529	6,009,207	5,884,733	5,786,330	5,367,583
In cotton-growing states	(1)	3,977,130	3,193,353	3,023,415	2,960,518	2,712,223
In all other states	(1)	3,301,399	2,815,854	2,861,318	2,825,812	2,655,360
Destroyed by fire	35,000	100,000	35,000	45,000	40,000	70,000
On hand at end of year, total	3,173,832	3,403,256	4,324,890	1,647,836	1,648,438	1,776,885
In consuming establishments, total	1,614,888	1,732,686	1,600,090	751,219	778,158	870,646
In cotton-growing states	(1)	718,117	673,731	213,418	234,509	241,611
In all other states	(1)	1,014,569	926,359	537,801	543,649	629,035
In public storage and at compresses	1,118,944	1,220,570	1,874,800	576,617	495,280	556,239
Elsewhere (estimated)	440,000	450,000	850,000	320,000	375,000	350,000

[1] Not shown separately to avoid disclosure of individual operations.

TABLE 2.—SUPPLY AND DISTRIBUTION OF COTTON AND LINTERS IN THE UNITED STATES: 1906 TO 1917.—Continued.

	1911	1910	1909	1908	1907	1906
SUPPLY.						
Aggregate	13,873,423	12,188,021	15,312,885	13,358,707	15,025,720	13,047,219
On hand at beginning of year, total	1,040,040	1,483,585	1,236,058	1,514,567	1,349,139	1,934,548
In consuming establishments, total	533,232	907,097	594,184	1,016,738	680,471	776,801
In cotton-growing states	121,349	186,458	112,471	311,307	184,060	232,928
In all other states	411,883	720,639	481,713	705,431	496,411	543,873
In public storage and at compresses	306,808	325,099	444,626	388,919	668,668	1,157,747
Elsewhere (estimated)	200,000	251,389	197,248	108,910		
Net imports	231,191	151,395	165,451	140,869	202,733	133,464
Ginnings	12,384,248	10,350,978	13,418,144	11,527,833	13,097,992	10,656,498
To balance distribution	217,944	202,063	493,232	175,438	375,856	322,709
DISTRIBUTION.						
Aggregate	13,873,423	12,188,021	15,312,885	13,358,707	15,025,720	13,047,219
Exported	7,781,414	6,339,028	8,574,024	7,573,349	8,503,265	6,763,041
Consumed, total	4,704,978	4,798,953	5,240,719	4,539,090	4,984,936	4,909,279
In cotton-growing states	2,328,487	2,292,333	2,553,797	2,187,096	2,410,993	2,373,577
In all other states	2,376,491	2,506,620	2,686,922	2,351,994	2,573,943	2,535,702
Destroyed by fire	12,000	10,000	14,557	10,210	22,952	25,760
On hand at end of year, total	1,375,031	1,040,040	1,483,585	1,236,058	1,514,567	1,349,139
In consuming establishments, total	542,191	533,232	907,097	594,184	1,016,738	680,471
In cotton-growing states	101,114	121,349	186,458	112,471	311,307	184,060
In all other states	441,077	411,883	720,639	481,713	705,431	496,411
In public storage and at compresses	432,840	306,808	325,099	444,626	388,919	668,668
Elsewhere (estimated)	400,000	200,000	251,389	197,248	108,910	

METHOD OF COLLECTING AND ASSEMBLING DATA.

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

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

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

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

In order to present a comprehensive statement of the distribution of the supply of cotton and linters, however, it is necessary to include the item of stocks held "elsewhere"—that is, the quantity of baled cotton in the actual possession of merchants, buyers, ginners, transportation companies, and producers, mentioned above as not having been canvassed. Full consideration has been given to all the factors entering into the situation in arriving at the quantity so held on July 31, 1917, and the amount has been estimated at 330,000 bales of cotton and 110,000 bales of linters. These amounts, while somewhat conjectural, are believed to be approximately correct.

The supply of cotton for the season of 1916–17, as computed from the stocks at the beginning of the year and the imports and the ginnings during the year, falls short 54,416 bales of the total quantity consumed in manufacture, destroyed by fire, exported and held as stocks at the end of the year, and this amount is accordingly entered in the table under the heading, "To balance distribution".

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

The supply of linters as computed also falls short of the distribution by 195,812 bales. This is accounted for almost entirely by the inclusion of bleached linters and possibly bleached hull fiber in the statistics of linters exported. This has resulted in some duplication, since the raw linters bleached have been reported as consumed by the manufacturers engaged in this work. While full data concerning the exports of bleached linters are not available from the information at hand, the total for the year is believed to be not far from 180,000 bales. From August 1, 1916, to March 31, 1917, the Bureau of Foreign and Domestic Commerce obtained separate statistics concerning bleached linters exported, the number of bales for that period being 96,041, or 40 per cent of the total exports of linters. The exports during the last four months of the cotton year, however, were considerably heavier, and it is probable that the total given above for the year is approximately correct.

PERIODICAL COTTON REPORTS.

During the season of 1917–18, as heretofore, practically semimonthly reports of cotton ginned will be issued. The dates to which the statistics of these reports will relate and the dates on which they are expected to be published are presented in the following schedule:

GINNING REPORTS TO BE ISSUED DURING THE SEASON OF 1917-18.

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

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

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

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

There will also be monthly reports concerning cotton seed and cottonseed products. These reports will show for the oil mills the quantities of cotton seed received, crushed, and on hand, and the quantities of cottonseed products manufactured, shipped out, and on hand, and for the refineries the quantities of crude oil consumed and on hand and of refined oil produced and on hand. The reports for each month will be cumulative from August 1 and will be published about the 20th of the succeeding month.

Quarterly reports of cotton fiber used in the manufacture of guncotton and explosives of all kinds, and of absorbent and medicated cotton will be collected.

DISTRIBUTION OF REPORTS.

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

COTTON PRODUCTION IN THE UNITED STATES.

Table 3 is a comparative summary of the production of cotton and linters in the United States from 1899 to 1916, inclusive, as ascertained from the reports of ginners and delinters.

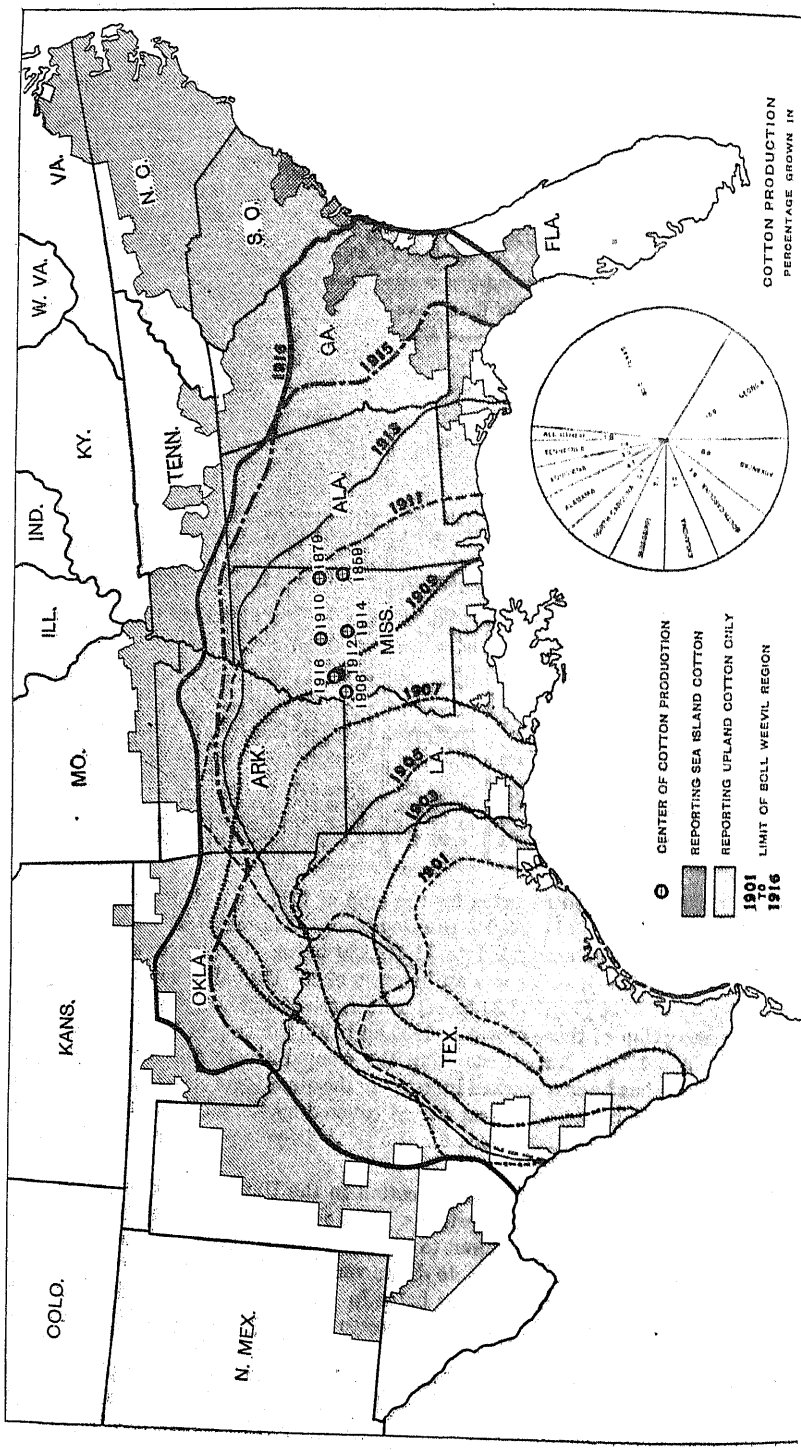
TABLE 3.—COMPARATIVE SUMMARY—COTTON AND LINTER PRODUCTION: CROPS OF 1899 TO 1916.

GROWTH YEAR.	COTTON (EXCLUSIVE OF LINTERS).						LINTERS.	
	Running bales, counting round as half bales.	Equivalent 500-pound bales.	Running bales.				Running bales.	Equivalent 500-pound bales.
			Total.	Upland.		Sea-island.		
				Square.	Round.			
1916	11,363,915	11,449,930	11,460,084	11,150,186	192,339	117,559	1,300,163	1,330,714
1915	11,068,173	11,191,820	11,124,031	10,920,471	111,716	91,844	944,640	931,141
1914	15,995,840	16,134,930	15,934,649	15,795,377	57,618	81,654	832,401	856,900
1913	13,982,811	14,156,486	14,092,792	13,855,267	99,962	77,563	631,158	638,881
1912	13,488,539	13,703,421	13,529,303	13,373,998	81,528	73,777	602,324	609,594
1911	15,553,073	15,692,701	15,603,850	15,383,003	101,554	119,293	556,276	557,575
1910	11,568,334	11,608,616	11,624,777	11,421,522	112,887	90,368	397,628	397,072
1909	10,072,731	10,004,949	10,148,076	9,902,595	150,690	94,791	313,478	310,433
1908	13,086,005	13,241,799	13,207,157	12,870,994	242,305	93,858	346,126	345,507
1907	11,057,822	11,107,179	11,157,096	10,871,652	198,549	86,895	268,060	268,282
1906	12,983,201	13,273,809	13,117,310	12,791,541	268,219	57,550	322,064	321,689
1905	10,495,105	10,575,017	10,635,023	10,242,648	279,836	112,539	230,497	229,539
1904	13,451,337	13,438,012	13,599,412	13,198,944	296,151	104,317	245,973	241,942
1903	9,819,969	9,851,129	10,205,073	9,359,472	770,208	75,393	195,752	194,486
1902	10,588,250	10,630,945	11,078,882	9,992,665	981,264	104,953	196,223	196,223
1901	9,582,520	9,509,745	9,954,945	9,132,215	744,851	77,879	166,026	166,026
1900	10,102,102	10,123,027	10,486,148	9,629,762	768,092	88,294	143,500	143,500
1899	9,393,242	9,345,391	9,645,974	9,043,231	505,464	97,279	114,544	114,544

The quantity of cotton reported for the crop of 1916, counting round as half bales and excluding linters, is 11,363,915 running bales. Expressed in bales of 500 pounds gross weight, the crop amounted to 11,449,930 bales. Compared with the crop of 1915 (11,191,820 bales), there was an increase of 258,110 bales, or 2.3 per cent, and, with the crop of 1914 (16,134,930 bales) a decrease of 4,685,000 bales, or 29 per cent. With the exception of those grown in 1909 and 1915 the crop of 1916 was the smallest produced since 1907. Notwithstanding the comparatively small crops of the last two years, there has been a marked increase in the quantity of cotton grown. The total production for the earliest six-year period covered by the table was 62,898,249 bales, as compared with 69,811,369 bales for the next six-year period and 82,329,288 bales for the latest six-year period.

Practically the entire production of cotton in the United States is upland, which includes a number of long-staple varieties. The quantity of sea-island cotton produced from the crop of 1916 was equivalent to 93,000 bales of 500 pounds, which is less than one per cent of the total. The table shows variations in the production of sea-island cotton, ranging from 57,550 running bales in 1906 to 119,293 bales in 1911, but no general tendency toward increase or decrease in the production of this variety is indicated.

Map 1 indicates the cotton-producing area in the United States, as shown by ginners' returns. Localities producing upland cotton only are represented on the



MAP 1.—COTTON-PRODUCING AREA OF THE UNITED STATES IN 1916, AND CENTER OF PRODUCTION: 1859-1916.

map by diagonal lines and those producing sea-island, or both sea-island and upland, by intercrossed lines. On pages 137 to 144 will be found maps of the principal cotton-producing states, upon which are indicated the quantities of cotton produced, by counties, in 1916.

The production of linters shows a marked increase—from 114,544 equivalent 500-pound bales in 1899 to 1,330,714 bales in 1916. The quantity in 1916 shows an increase of 399,573 bales over that in 1915, notwithstanding the fact that there was but a slight increase in the cotton crop. While the gain in the output of linters in recent years has been due, primarily, to the closer delinting of the seed for the better separation of the meats from the hulls, the marked increase the past two seasons is due principally to the more intensive delinting of the seed, together with the larger proportion of the total crop delinted. Linters have commanded unprecedented prices because of the great demand for them in the manufacture of explosives, and, for this reason, quantities of seed intended for planting purposes the last two seasons were first passed through the delinting machines. Many mills now obtain in excess of 150 pound of linters per ton of seed treated, whereas formerly few obtained as much as 50 pounds. Detailed information regarding cotton seed and cottonseed products will be found on pages 93 to 105.

PRODUCTION, BY STATES.

Table 4 shows, by states, the quantity of cotton produced from the crops of 1912 to 1916, inclusive, the percentage of the total crop represented by the crop of each state, the rank of each state, according to the quantity produced, and the production of linters. The production of cotton for earlier years is shown in Tables 15 and 36.

TABLE 4.—PRODUCTION, BY STATES, OF UPLAND AND SEA-ISLAND COTTON, WITH PERCENTAGE OF THE TOTAL CROP REPORTED FROM EACH STATE, AND RANK OF EACH STATE IN THE PRODUCTION OF COTTON; ALSO THE PRODUCTION OF LINTERS: 1912 TO 1916.

STATE.	Growth year.	COTTON PRODUCED (EXCLUSIVE OF LINTERS).							Per cent of total ginned.[1]	Rank in production.[1]	LINTERS.		
		Running bales, counting round as half bales.	Equivalent 500-pound bales.		Running bales.						Running bales.	Equivalent 500-pound bales.	
			Gross.	Net.	Total.	Upland.		Sea-island.				Gross.	Net.
						Square.	Round.						
United States	1916	11,363,915	11,449,930	10,955,816	11,460,084	11,150,186	192,339	117,559	100.0	.....	1,300,163	1,330,714	1,273,507
	1915	11,068,173	11,191,820	10,708,812	11,124,031	10,920,471	111,716	91,844	100.0	.....	944,640	931,141	889,577
	1914	15,905,840	16,134,930	15,437,955	15,934,649	15,795,377	57,618	81,654	100.0	.....	832,401	856,900	820,274
	1913	13,982,811	14,156,486	13,544,703	14,032,792	13,855,267	99,962	77,563	100.0	.....	631,153	638,881	611,110
	1912	13,488,539	13,703,421	13,113,000	13,529,303	13,373,998	81,528	73,777	100.0	.....	602,324	609,594	583,091
Alabama	1916	552,679	533,402	509,084	552,679	552,679	.....	.....	4.7	8	68,328	68,250	65,257
	1915	1,025,818	1,020,839	975,702	1,025,818	1,025,818	.....	.....	9.1	4	79,220	76,879	73,393
	1914	1,731,751	1,751,375	1,675,178	1,731,751	1,731,751	.....	.....	10.8	3	69,924	71,182	68,106
	1913	1,483,669	1,495,485	1,430,385	1,489,326	1,478,011	11,315	.....	10.6	3	53,860	53,960	51,590
	1912	1,328,297	1,342,275	1,283,978	1,332,928	1,323,666	9,262	.....	9.8	3	38,839	39,161	37,452
Arkansas	1916	1,102,671	1,134,033	1,085,564	1,104,196	1,101,145	3,051	.....	9.9	3	110,119	111,813	106,969
	1915	789,583	816,002	781,314	791,281	787,884	3,397	.....	7.3	6	58,277	58,030	55,466
	1914	999,237	1,016,170	972,238	1,000,309	998,164	2,145	.....	6.3	7	46,242	48,165	46,130
	1913	1,038,293	1,072,846	1,027,247	1,040,987	1,035,600	5,387	.....	7.6	6	40,671	42,049	40,259
	1912	770,937	792,048	758,167	772,170	769,704	2,466	.....	5.8	8	34,084	35,106	33,606
California	1916	43,664	43,620	41,699	43,664	43,664	.....	.....	0.4	12	(2)	(2)	(2)
	1915	28,586	28,551	27,293	28,586	28,586	.....	.....	0.2	13	(2)	(2)	(2)
	1914	48,374	49,835	47,706	48,374	48,374	.....	.....	0.3	13	(2)	(2)	(2)
	1913	22,411	22,838	21,852	22,411	22,411	.....	.....	0.1	14	(2)	(2)	(2)
	1912	7,934	8,215	7,866	7,934	7,934	.....	.....	0.1	14	(2)	(2)	(2)
Florida	1916	50,979	41,449	40,072	50,979	14,887	.....	36,092	0.4	13	(2)	(2)	(2)
	1915	55,354	47,831	46,070	55,354	27,260	.....	28,094	0.4	12	(2)	(2)	(2)
	1914	90,648	81,255	78,674	90,648	56,986	.....	33,662	0.5	12	3,000	3,249	3,114
	1913	66,700	58,695	56,374	66,700	41,113	.....	25,587	0.4	12	2,621	2,409	2,293
	1912	58,833	52,709	50,767	58,833	36,499	.....	22,334	0.4	12	1,415	1,283	1,220
Georgia	1916	1,852,104	1,820,939	1,741,317	1,852,104	1,774,123	.....	77,981	15.9	2	222,819	227,757	217,953
	1915	1,937,730	1,908,673	1,824,795	1,937,730	1,880,158	.....	57,572	17.1	2	182,683	178,249	170,211
	1914	2,723,094	2,718,037	2,599,238	2,723,094	2,680,699	.....	42,395	16.8	2	141,478	139,885	133,660
	1913	2,346,237	2,316,601	2,214,406	2,346,237	2,302,932	.....	43,305	16.4	2	110,629	108,799	103,931
	1912	1,812,778	1,776,546	1,697,833	1,812,778	1,769,042	.....	43,736	13.0	2	76,185	74,909	71,557
Louisiana	1916	441,121	443,182	423,802	442,039	440,203	1,836	.....	3.9	9	54,910	55,264	52,848
	1915	336,813	341,063	326,257	337,244	336,383	861	.....	3.1	9	31,734	31,609	30,212
	1914	452,261	449,458	429,578	452,852	451,670	1,182	.....	2.8	9	24,689	25,851	24,765
	1913	436,865	443,821	424,627	437,729	436,000	1,729	.....	3.1	9	21,823	22,368	21,408
	1912	374,793	376,096	359,625	375,399	374,187	1,212	.....	2.7	9	17,927	18,398	17,609

Mississippi	1916	800,190	811,794	776,585	800,190	800,190			7.1	6	122,260	124,678	119,299
	1915	925,509	953,965	913,242	925,509	925,509			8.5	5	87,436	88,331	84,484
	1914	1,217,883	1,245,535	1,191,949	1,217,883	1,217,883			7.7	6	78,781	83,730	80,264
	1913	1,251,841	1,310,743	1,255,662	1,251,841	1,251,841			9.2	5	60,766	64,658	61,985
	1912	1,004,376	1,046,418	1,002,225	1,004,376	1,004,376			7.6	5	45,228	47,881	45,891
Missouri	1916	60,466	62,699	60,039	60,466	60,466			0.5	11	(2)	(2)	(2)
	1915	46,644	47,999	45,947	46,644	46,644			0.4	11	5,370	5,261	5,025
	1914	78,409	81,752	78,302	78,409	78,409			0.5	11	4,062	4,401	4,222
	1913	63,761	67,105	64,300	63,761	63,761			0.5	11	3,399	3,538	3,389
	1912	53,538	55,691	53,336	53,538	53,538			0.4	11	2,433	2,529	2,422
North Carolina	1916	693,672	654,603	624,081	693,672	693,672			5.7	7	64,315	65,534	62,704
	1915	737,354	699,494	667,051	737,354	737,354			6.3	7	57,599	55,177	52,643
	1914	970,479	930,631	887,930	970,479	970,479			5.8	8	45,497	44,784	42,782
	1913	837,995	792,545	755,673	837,995	837,995			5.6	8	34,998	33,321	31,781
	1912	906,351	865,653	825,774	906,351	906,351			6.3	7	28,729	26,929	25,665
Oklahoma	1916	813,419	823,526	788,594	840,236	786,603	53,633		7.2	5	90,894	95,327	91,328
	1915	622,176	639,626	612,787	638,946	605,405	33,541		5.7	8	54,283	54,131	51,743
	1914	1,232,638	1,262,176	1,208,525	1,250,921	1,214,355	36,566		7.8	5	68,929	74,781	71,748
	1913	842,499	840,387	803,974	863,018	821,981	41,037		5.9	7	38,536	40,867	39,171
	1912	1,005,109	1,021,250	977,722	1,026,890	983,327	43,563		7.5	6	52,016	54,857	52,569
South Carolina	1916	970,702	931,830	889,203	970,702	967,216		3,486	8.1	4	72,732	74,279	71,079
	1915	1,174,213	1,133,919	1,082,402	1,174,213	1,168,035		6,178	10.1	3	70,923	67,785	64,665
	1914	1,560,195	1,533,810	1,465,295	1,560,195	1,554,598		5,597	9.5	4	58,416	57,243	54,673
	1913	1,418,704	1,377,814	1,315,599	1,418,704	1,410,033		8,671	9.7	4	46,580	45,016	42,966
	1912	1,224,245	1,182,128	1,128,446	1,224,245	1,216,538		7,707	8.6	4	35,517	34,131	32,569
Tennessee	1916	378,064	382,422	365,788	378,064	378,064			3.4	10	88,509	93,929	90,035
	1915	296,222	303,420	290,386	296,222	296,222			2.7	10	57,834	57,963	55,418
	1914	372,068	383,517	367,146	372,068	372,068			2.4	10	41,601	43,904	42,073
	1913	366,786	379,471	363,332	366,786	366,786			2.7	10	34,671	35,739	34,214
	1912	267,439	276,546	264,778	267,439	267,439			2.0	10	22,292	23,247	22,266
Texas	1916	3,562,789	3,725,700	3,571,079	3,629,698	3,495,879	133,819		32.5	1	371,642	380,355	364,003
	1915	3,068,852	3,227,480	3,093,634	3,105,811	3,031,894	73,917		28.8	1	243,491	241,675	230,961
	1914	4,390,200	4,592,112	4,399,227	4,399,063	4,381,338	17,725		28.5	1	238,395	248,027	237,538
	1913	3,773,024	3,944,970	3,779,605	3,793,271	3,752,777	40,494		27.9	1	176,202	179,525	171,772
	1912	4,645,309	4,880,210	4,676,217	4,657,822	4,632,797	25,025		35.6	1	243,314	246,638	235,932
Virginia	1916	27,975	27,127	25,896	27,975	27,975			0.2	14			
	1915	16,357	15,809	15,089	16,357	16,357			0.2	14			
	1914	25,277	25,222	24,110	25,277	25,277			0.2	14			
	1913	24,569	23,490	22,409	24,569	24,569			0.2	13			
	1912	25,499	24,398	23,276	25,499	25,499			0.2	13			
All other states [3]	1916	13,420	13,604	13,013	13,420	13,420			0.1		33,944	33,528	32,032
	1915	6,962	7,149	6,843	6,962	6,962			0.1		15,790	16,051	15,356
	1914	13,326	14,045	13,459	13,326	13,326			0.1		11,327	11,698	11,199
	1913	9,457	9,675	9,258	9,457	9,457			0.1		6,397	6,632	6,351
	1912	3,101	3,187	3,050	3,101	3,101			0.0		4,345	4,525	4,333

[1] Based on equivalent 500-pound bales, excluding linters.
[2] Included in "All other states," to avoid disclosure of individual operations.
[3] Includes Arizona, Kansas, Kentucky, and New Mexico, and the linter production of California, Florida, Illinois, and Missouri.

192140—18——2

The cotton crop of 1916, when compared with previous crops, shows some interesting features. The crop in Arkansas was the largest ever produced in that state, and the crop in Tennessee was that state's second largest, being exceeded only by the crop of 1911. On the other hand, the crop in Alabama was the smallest for a long period, being less than one-third the size of the crop produced in 1914. The decrease in production in this state was due to decreased acreage, adverse weather conditions, and the ravages of the boll weevil, which had infested practically the entire state. The crop in Mississippi continued to show reduction, being less than two-thirds as large as the crop of 1913.

The quantity of cotton ginned in California, expressed in 500-pound bales, was over 6,000 bales less than in 1914. It must be remembered, however, that considerable quantities of Mexican seed cotton were brought into the state for ginning, the entire production of the Mexican Imperial valley being so treated in the former year, while in the latter year only a part of the Mexican cotton was imported before being ginned. It is said that the total production of cotton in the Imperial valley during the past season was 63,171 bales, of which 24,147 bales were ginned on the Mexican side and 39,024 bales on the American side. The same conditions of soil and climate are found in the Mexican portion of the Imperial valley as in the American, while the cost of cultivating and picking is less because of the availability of Chinese labor. Cotton has been grown in this locality on a commercial basis for only a comparatively few years. It has, however, made rapid progress, the area in cotton in California this year, according to the estimates of the Department of Agriculture, being 66,000 acres, compared with 55,000 acres for the crop of 1916. Combined with the Mexican portion of the Imperial valley, the total production may amount to as much as 100,000 bales.

The production of cotton in Arizona for 1916 was the largest ever reported for that state, the total being in excess of 8,000 bales. This quantity compares with 1,981 bales for 1915, 7,142 for 1914, and 2,299 bales for 1913. The acreage planted in cotton this year is estimated at 45,000, which compares with 12,000 for 1916. It would seem that this state will show a large proportionate increase, although the total production must remain comparatively small. The cultivation of cotton in this state is carried on exclusively on irrigated land, some of the types being propagated from those grown in Egypt.

"BOLLY COTTON."

The conservation of former waste products is evidenced by the development of machines for handling frosted cotton bolls which have not opened fully. These machines thrash out the seed cotton, after which it is passed to the gins and treated in the same way as hand-picked cotton, the resulting fiber usually being called "bollies". Because of the difficulty and expense of getting cotton picked late in the season, many growers deem it preferable, at the last picking, to snap the opened and partially opened bolls with the unopened ones and send all through the same machinery. While the grade, and consequently the price, of a portion of this cotton is lowered, the loss on this account is practically balanced by the margin of expense saved by the easier method of gathering. This cotton is sometimes, though not uniformly, classed as "bollies".

CONDITIONS AFFECTING THE CROP—1916.

It is estimated by the Department of Agriculture that 36,052,000 acres were planted to cotton in 1916 and were in cultivation at the end of June, but that the number of acres picked was only 34,985,000. In most sections of the cotton belt preparation of the ground and planting were delayed on account of rain and low temperatures, and the crop as a whole was abnormally late throughout the growing season. However, the general condition of the crop was promising as late as July 1. In July a destructive

storm swept over the central and eastern states and was followed by a period of much rain, which caused shedding and deterioration and greatly favored the activities of the boll weevil, which were numerous in some localities as early as the middle of June. While some sections were receiving too much rain, Oklahoma and parts of Texas were suffering drought from the middle of July until the end of August. According to the estimates of the Department of Agriculture, the condition of the crop as a whole degenerated from 81.1 per cent of normal on June 25 to 56.3 per cent on September 25. However, in practically the entire cotton belt the weather was ideal for picking until the end of the year, and ginning made rapid progress, the prices realized hastening the movement of the crop. The first killing frost, which extended far south the second week in October, did but little real damage and served mostly in hastening the opening of mature bolls.

COTTON INSECT PESTS.

The growing of cotton in the United States continued to be interfered with materially by the ravages of insect pests, particularly of the boll weevil. The efforts of the national and state governments have failed to find a means of eradicating this pest. However, by seed selection, plant improvement, and better methods of cultivation and fertilization it is possible to curtail very materially the damage that may be done by it. Insect pests of various kinds cause great loss to growers of cotton in a number of foreign countries. It has been discovered that the pink bollworm, which causes so much damage to the Egyptian crop, has obtained a footing in Mexico. The devising of measures to prevent its introduction into the United States from that country is one of the problems prominently before the officials of the United States Department of Agriculture and some of the state bureaus. Rigid quarantine has been established and regulations are being enforced to prevent its being brought into the country through commercial channels. The following statements indicating the activities of the boll weevil during the past season and defining the efforts made to prevent the introduction of other destructive insects into American cotton fields have been prepared by the Bureau of Entomology and by the Federal Horticultural Board of the Department of Agriculture:

Cotton insect pests in 1916.—The cotton crop in 1916 in general was not seriously injured by insect pests other than the boll weevil, although reports of damage by the bollworm in North Carolina were numerous. The extensive early spread of the weevil in 1915 was followed by a favorable winter and unusual numbers of weevils were found, especially in the southern portions of the cotton belt. The spread during 1916 was normal, not being especially aided by storms or high winds. The weevils continued moving up to the middle of December, and almost a month after frosts had killed the greater part of the cotton. The most important features of the year were the invasion of 31,000 square miles of territory in Georgia and 4,000 square miles in Tennessee and the spread of the insect practically to the limits of cotton culture in Oklahoma, Arkansas, and Florida.

The territory invaded in 1916 included 71,800 square miles, the second greatest gain ever made by the weevil in a single year. There were no compensating losses of territory. The total area now infested amounts to 480,940 square miles. The progress of the insect is shown on the map on page 14.

Protection against foreign insect pests.—In November, 1916, it was found that the pink bollworm of cotton was established in Mexico. This is an insect which has caused great damage in India and in Egypt and has recently been introduced into Brazil. It destroys the squares and bolls and works in such a manner that its control is fully as difficult as that of the boll weevil. The infestation in Mexico was due to the shipment to that country of about 6 tons of Egyptian cotton seed in 1910.

On November 4, 1916, the Federal Horticultural Board established a quarantine against cotton seed, as well as lint, from Mexico. Congress has provided a special appropriation for the enforcement of the quarantine. Inspectors have been stationed at the ports of entry on the Mexican frontier and the most drastic action has been taken to prevent the accidental importation of cotton seed with other commodities scattered in cars which have been used for the shipment of seed in Mexico.

COTTON REMAINING TO BE GINNED.

The special agents who are regularly employed by the bureau to collect statistics of production, consumption, and stocks of cotton were required at the March, or final, canvass of the ginners to obtain an estimate from each ginner of the number of bales of cotton remaining to be ginned. These amounts, which are included in the total production for the crop year, are shown separately, by States, in Table 5 for the crops of 1912 to 1916, inclusive.

TABLE 5.—ESTIMATED COTTON REMAINING TO BE GINNED AFTER THE MARCH CANVASS, BY STATES: 1912 TO 1916.

STATE.	COTTON TO BE GINNED AFTER THE MARCH CANVASS (RUNNING BALES, COUNTING ROUND AS HALF BALES).				
	Cotton, crop of—				
	1916	1915	1914	1913	1912
United States	38,039	39,623	121,528	29,267	51,894
Alabama	951	841	6,543	504	1,192
Arkansas	6,366	4,547	7,689	5,809	3,553
Florida	4	2	64	15	44
Georgia	4,179	1,077	13,707	1,684	1,555
Louisiana	108	115	2,414	668	191
Mississippi	5,177	4,420	17,806	4,002	11,001
North Carolina	7,918	3,101	20,008	7,758	3,072
Oklahoma	307	9,249	10,216	362	6,167
South Carolina	4,496	1,509	15,336	3,382	1,872
Tennessee	2,646	1,361	3,660	933	1,791
Texas	1,469	11,711	20,699	2,365	20,688
All other States	4,418	1,681	3,386	1,785	768

The quantity of cotton from the crop of 1916, which the ginners stated would be ginned after the date of the March canvass, was 38,039 bales. This is equal to less than one-third of the corresponding amount for the crop of 1914. The comparatively small crop and the price of the staple tended to a more rapid ginning and, consequently, less cotton remained to be ginned after the March canvass.

COTTON GINNED TO SPECIFIED DATES.

The collection of statistics of cotton ginned to specified dates was designed to place in the possession of all concerned reliable data as to the rapidity with which the cotton crop is being harvested and ginned. Statistics compiled by this method have, after a series of years, an incidental but very considerable value by reason of the deductions made possible by a careful comparison of current reports with those of previous years. The collection of data of this character was inaugurated in 1902. Three reports were made for that crop, 6 each for the crops of 1903 and 1904, and 10 for each crop since. Table 6 shows the quantity of cotton ginned to specified dates from the crops of 1902 to 1916, inclusive, and the percentage of the crop ginned to each report date. As it is not practicable before the close of the season to express in equivalent 500-pound bales statistics of the quantity of cotton ginned, the amounts in Table 6 are given in running bales, counting round as half bales and excluding linters, and the total amounts for the season, as thus obtained, are used as the bases for the percentages shown in the table.

TABLE 6—COTTON GINNED TO SPECIFIED DATES AND THROUGHOUT THE SEASON, AND PER CENT OF TOTAL GINNED TO EACH DATE: 1902 TO 1916.

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

GROWTH YEAR.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
	QUANTITY (BALES).									
1916	850,668	4,081,989	7,303,183	8,623,893	9,615,003	10,352,031	10,838,799	11,039,491	11,137,712	11,363,915
1915	463,883	2,993,829	5,708,730	7,378,886	8,771,275	9,703,612	10,306,309	10,636,778	10,751,990	11,068,173
1914	480,317	3,393,752	7,619,747	9,826,912	11,668,240	13,073,386	13,972,229	14,443,146	14,915,850	15,905,840
1913	799,009	3,246,655	6,973,518	8,830,396	10,444,529	12,088,412	12,927,428	13,347,721	13,582,036	13,982,811
1912	730,884	3,007,271	6,874,206	8,869,222	10,299,646	11,854,541	12,439,036	12,907,405	13,088,930	13,488,539
1911	771,297	3,676,594	7,758,621	9,970,905	11,313,236	12,816,807	13,770,727	14,317,002	14,515,799	15,553,073
1910	353,011	2,312,074	5,423,628	7,345,953	8,780,433	10,139,712	10,695,443	11,084,515	11,253,147	11,568,334
1909	388,242	2,568,150	5,530,967	7,017,849	8,112,199	8,876,886	9,358,085	9,647,327	9,787,592	10,072,731
1908	402,229	2,590,639	6,296,166	8,191,557	9,595,809	11,008,661	11,904,269	12,465,298	12,666,203	13,086,005
1907	200,278	1,532,602	4,420,258	6,128,562	7,300,665	8,343,396	9,284,070	9,951,505	10,339,551	11,057,822
1906	407,551	2,057,283	4,931,621	6,906,395	8,562,242	10,027,868	11,112,789	11,741,039	12,176,199	12,983,201
1905	476,655	2,355,716	4,990,566	6,457,595	7,501,180	8,689,663	9,297,819	9,725,426	9,989,634	10,495,105
1904	374,821	.....	6,417,894	.....	9,786,646	.....	11,971,477	.....	12,767,600	13,451,337
1903	17,302	.....	3,706,248	.....	6,815,162	.....	8,526,244	.....	9,485,537	9,819,969
1902	.....	.....	5,683,006	.....	.....	.....	8,905,505	.....	.....	10,588,250
	PER CENT OF TOTAL.									
1916	7.5	35.9	64.3	75.9	84.6	91.1	95.4	97.1	98.0	100.0
1915	4.2	26.2	51.6	66.7	79.2	87.7	93.1	96.1	97.1	100.0
1914	3.0	21.3	47.9	61.8	73.4	82.2	87.8	90.8	93.8	100.0
1913	5.7	23.2	49.9	63.2	74.7	86.5	92.5	95.5	97.1	100.0
1912	5.4	22.3	51.0	65.8	76.4	87.9	92.2	95.7	97.0	100.0
1911	5.0	23.6	49.9	64.1	72.7	82.4	88.5	92.1	93.3	100.0
1910	3.1	20.0	46.9	63.5	75.9	87.7	92.5	95.8	97.3	100.0
1909	3.9	25.5	54.9	69.7	80.5	88.1	92.9	95.8	97.2	100.0
1908	3.1	19.8	48.1	62.6	73.3	84.1	91.0	95.3	96.8	100.0
1907	1.8	13.9	40.0	55.4	66.0	75.5	84.0	90.0	93.5	100.0
1906	3.1	15.8	38.0	53.2	65.9	77.2	85.6	90.4	93.8	100.0
1905	4.5	22.4	47.6	61.5	71.5	82.8	88.6	92.7	95.2	100.0
1904	2.8	.....	47.7	.....	72.8	.....	89.0	.....	94.9	100.0
1903	0.2	.....	37.7	.....	69.4	.....	86.8	.....	96.6	100.0
1902	.....	.....	53.7	.....	.....	.....	84.1	.....	.....	.....

The quantity of cotton ginned from the crop of 1916 prior to September 1 was 850,668 bales, the largest quantity reported for any year. More than one-third of the total crop was ginned prior to September 25, nearly two-thirds prior to October 18, while more than five-sixths had been ginned by November 14.

Data as to sea-island cotton ginned to specified dates are presented in Table 13 (p. 38), and similar data as to cotton put up in round bales are given in the following statement for the crops of 1909 to 1916:

NUMBER OF ROUND BALES INCLUDED IN REPORTS OF COTTON GINNED TO SPECIFIED DATES: 1909 TO 1916.

SPECIFIED DATE.	ROUND BALES GINNED TO SPECIFIED DATES; CROP OF—							
	1916	1915	1914	1913	1912	1911	1910	1909
Sept. 1	31,335	8,947	356	7,610	7,434	7,709	10,976	11,587
Sept. 25	84,855	32,412	3,394	26,983	19,574	27,918	38,026	48,070
Oct. 18	136,880	54,783	15,235	49,030	41,745	53,858	66,183	88,716
Nov. 1	154,141	68,577	23,182	61,577	54,539	68,313	81,183	109,621
Nov. 14	168,575	82,312	31,904	74,167	62,768	75,963	93,364	123,757
Dec. 1	177,662	93,361	39,682	86,878	73,030	87,996	101,718	134,393
Dec. 13	184,285	100,925	42,796	91,686	75,772	92,790	106,486	140,024
Jan. 1	188,052	105,785	44,904	94,265	77,999	96,227	109,292	143,949
Jan. 16	189,004	106,968	50,942	96,807	78,690	97,654	111,079	146,378
Total	192,339	111,716	57,618	99,962	81,528	101,554	112,887	150,690

Ginnings to specified dates, by states and counties.—The quantity of cotton ginned to given dates from the crops of 1912 to 1916, inclusive, and the percentage of the crop ginned to each of the report dates are shown by states in Tables 7 and 8. Considerable differences exist among the several states in the proportion of the total amount ginned to the specified dates. For instance, in 1916 almost four-fifths of the total crop of Texas had been ginned by October 18, while Tennessee showed less than half.

The quantity of cotton from the crop of 1916 ginned to each of the report dates is given by counties in Table 56 (pp. 123 to 136). This table permits a close study of the rapidity with which cotton is ginned in various localties and enables the making of analyses which are both interesting and valuable. An examination of the table shows that in a number of counties in southern Texas a large part of the crop is harvested and ginned prior to September 1 and that by September 25 about 75 per cent of the crop is ginned, a few of the counties in the extreme southern part practically completing the cotton harvest by November 1.

TABLE 7.—COTTON GINNED TO SPECIFIED DATES AND THROUGHOUT THE SEASON, BY STATES: *1912 TO 1916.*

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

STATE.	Growth year.	COTTON GINNED TO—									Total.
		Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
United States	1916	850,668	4,081,989	7,303,183	8,623,893	9,615,003	10,352,031	10,838,799	11,039,491	11,137,712	11,363,915
	1915	463,883	2,903,829	5,708,730	7,378,886	8,771,275	9,703,612	10,306,309	10,636,778	10,751,990	11,068,173
	1914	480,317	3,393,752	7,619,747	9,826,912	11,668,240	13,073,386	13,972,229	14,443,146	14,915,850	15,905,840
	1913	799,099	3,246,655	6,973,518	8,830,396	10,444,529	12,088,412	12,927,428	13,347,721	13,582,036	13,982,811
	1912	730,884	3,007,271	6,874,206	8,869,222	10,299,646	11,854,541	12,439,036	12,907,405	13,088,930	13,483,539
Alabama	1916	22,375	137,478	292,808	379,745	451,507	504,998	531,885	540,661	544,023	552,679
	1915	38,925	310,756	556,086	726,949	854,907	939,959	987,899	1,007,130	1,012,802	1,025,818
	1914	46,241	392,217	810,295	1,068,771	1,270,450	1,439,556	1,573,140	1,638,648	1,676,349	1,731,751
	1913	44,562	325,735	839,899	1,015,788	1,181,232	1,365,246	1,444,212	1,467,883	1,475,154	1,483,669
	1912	12,824	192,310	591,954	809,662	961,313	1,161,482	1,234,755	1,289,227	1,307,736	1,328,297
Arkansas	1916	15,650	300,984	673,366	814,290	926,985	999,654	1,044,651	1,060,569	1,068,966	1,102,671
	1915	270	60,960	283,423	445,115	573,528	655,145	722,184	753,180	762,487	789,583
	1914	521	99,347	397,261	573,571	738,853	840,295	893,985	913,824	941,426	999,237
	1913	1,293	70,086	322,181	431,522	606,388	789,937	885,979	933,913	967,687	1,038,293
	1912	81	41,438	300,351	440,482	547,644	659,505	703,329	732,118	741,282	770,937
California	1916	443	2,989	6,852	11,283	14,707	19,868	23,671	28,237	31,725	43,664
	1915	99	1,710	4,272	6,868	9,945	13,699	16,551	20,383	23,545	28,586
	1914	1,205	2,656	6,156	8,972	11,701	17,688	22,437	27,178	34,075	48,374
	1913	.....	633	3,390	5,988	8,544	10,731	13,476	15,673	17,454	22,411
	1912	.....	292	292	2,180	3,043	4,496	5,280	6,229	6,714	7,934
Florida	1916	2,881	16,368	32,167	38,965	43,749	46,989	49,349	50,254	50,632	50,979
	1915	4,701	19,020	32,165	40,389	46,553	50,270	53,405	54,687	55,025	55,354
	1914	5,214	25,579	43,313	56,645	65,903	72,962	80,909	85,705	88,131	90,648
	1913	2,960	16,367	35,956	47,315	53,217	58,485	63,082	65,299	65,765	66,700
	1912	1,832	9,770	23,575	35,362	42,263	48,630	52,895	56,042	57,324	58,833
Georgia	1916	212,787	746,607	1,217,903	1,435,524	1,581,897	1,692,049	1,780,310	1,810,934	1,825,410	1,852,104
	1915	133,408	715,512	1,173,045	1,428,250	1,636,919	1,768,270	1,861,362	1,906,771	1,918,836	1,937,730
	1914	136,286	768,095	1,367,916	1,763,374	2,062,875	2,285,924	2,451,644	2,548,808	2,595,054	2,723,094
	1913	72,352	491,511	1,296,911	1,606,506	1,823,789	2,066,109	2,215,308	2,293,976	2,314,101	2,346,237
	1912	34,526	272,335	793,143	1,112,419	1,331,709	1,564,428	1,675,670	1,756,834	1,781,232	1,812,778
Louisiana	1916	29,762	178,634	319,698	365,316	394,646	418,795	431,664	435,437	436,377	441,121
	1915	5,858	114,361	223,063	271,398	299,866	319,756	329,078	332,428	333,814	336,813
	1914	3,783	94,119	225,274	297,356	341,251	382,093	415,278	427,243	434,608	452,261
	1913	7,449	77,865	164,034	222,464	276,271	342,383	391,454	410,614	420,384	436,865
	1912	1,724	73,992	203,127	261,701	300,482	343,323	361,123	366,402	369,076	374,793

TABLE 7.—COTTON GINNED TO SPECIFIED DATES AND THROUGHOUT THE SEASON, BY STATES: 1912 TO 1916—Continued.

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

STATE.	Growth year.	COTTON GINNED TO—									Total.
		Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
Mississippi	1916	10,260	197,395	448,504	562,810	651,488	723,426	761,682	775,452	780,442	800,190
	1915	4,619	179,748	421,663	584,893	708,387	801,133	862,201	888,813	897,122	925,509
	1914	2,689	163,298	474,788	669,143	838,349	987,031	1,082,816	1,115,599	1,143,787	1,217,883
	1913	2,052	120,593	435,690	568,005	734,988	955,808	1,084,680	1,142,921	1,176,539	1,251,841
	1912	442	57,393	347,130	511,678	644,554	817,707	883,458	936,419	952,520	1,004,376
Missouri	1916	.....	8,999	29,426	40,025	47,075	51,080	54,273	55,727	57,040	60,466
	1915	.....	1,293	11,829	22,175	32,345	37,514	41,474	43,465	44,022	46,644
	1914	2	4,288	22,903	36,436	51,260	61,108	64,786	66,728	72,335	78,409
	1913	4	5,114	22,626	29,152	39,803	52,553	59,376	61,623	62,467	63,761
	1912	.....	638	14,107	24,606	32,987	41,873	45,732	48,702	49,630	53,538
North Carolina	1916	289	49,136	251,764	381,237	479,243	567,009	619,079	642,816	658,057	693,672
	1915	354	82,931	264,935	408,198	523,982	612,703	666,926	695,978	709,485	737,354
	1914	968	84,517	301,108	427,949	556,175	674,340	766,445	814,644	855,367	970,479
	1913	177	49,952	252,193	384,260	493,360	622,369	708,598	759,800	783,817	837,995
	1912	674	101,683	356,226	496,537	627,251	754,569	819,662	857,189	875,493	906,351
Oklahoma	1916	7,852	219,157	490,608	593,236	681,873	741,358	782,095	798,761	806,443	813,419
	1915	8	2,136	66,255	171,584	329,845	445,316	513,251	561,950	573,324	622,176
	1914	238	104,154	451,449	659,367	870,672	1,018,796	1,069,018	1,094,320	1,147,481	1,232,638
	1913	5,106	148,979	391,258	536,303	666,736	764,295	789,782	804,313	825,069	842,499
	1912	272	77,394	398,345	599,190	725,006	869,278	902,329	947,452	965,752	1,005,109
South Carolina	1916	26,782	259,543	508,635	639,846	740,694	832,060	893,896	922,152	936,673	970,702
	1915	4,305	258,947	581,667	771,074	921,528	1,021,843	1,098,283	1,133,596	1,149,187	1,174,213
	1914	14,633	303,794	693,444	910,558	1,091,320	1,230,168	1,328,482	1,388,317	1,424,700	1,560,195
	1913	7,264	193,318	619,720	846,468	995,398	1,160,725	1,276,428	1,342,737	1,368,774	1,418,704
	1912	4,260	174,251	540,319	730,690	883,535	1,041,689	1,128,850	1,173,216	1,192,574	1,224,245
Tennessee	1916	120	55,517	171,968	228,463	276,598	318,466	348,329	357,029	362,789	378,064
	1915	2	9,143	79,353	146,886	204,597	238,821	265,021	281,879	286,503	296,222
	1914	26	16,032	102,177	172,485	238,451	291,183	319,284	330,580	342,877	372,068
	1913	9	18,359	131,933	174,379	233,663	304,467	340,685	354,324	358,275	366,786
	1912	.....	990	66,719	118,485	158,161	208,721	230,239	248,503	252,890	267,439
Texas	1916	521,467	1,907,183	2,845,705	3,112,859	3,298,186	3,405,182	3,482,509	3,523,905	3,540,757	3,562,789
	1915	271,328	1,146,953	2,091,416	2,344,486	2,614,057	2,781,283	2,868,663	2,935,697	2,964,135	3,068,852
	1914	258,485	1,334,342	2,715,772	3,168,786	3,511,762	3,746,578	3,874,388	3,960,170	4,125,919	4,390,200
	1913	655,871	1,727,639	2,451,279	2,950,444	3,313,443	3,572,105	3,627,190	3,664,496	3,715,418	3,773,024
	1912	674,249	2,002,975	3,229,621	3,709,725	4,020,939	4,314,821	4,368,915	4,461,846	4,509,220	4,645,309

Virginia	1916	.....	1,106	10,123	15,311	19,973	23,221	25,333	26,192	26,601	27,975
	1915	.....	260	3,950	8,110	11,167	13,126	14,666	15,079	15,253	16,357
	1914	.....	231	4,351	8,597	12,714	16,814	20,294	21,499	22,292	25,277
	1913	.....	171	4,312	8,909	13,376	17,460	20,832	22,180	22,677	24,569
	1912	.....	1,899	8,922	15,209	18,832	21,702	24,111	24,417	24,608	25,499
All other states[1]	1916	.....	893	3,656	4,983	6,382	7,876	10,073	11,365	11,777	13,420
	1915	6	99	608	2,511	3,649	4,774	5,345	5,742	6,450	6,962
	1914	26	1,083	3,540	4,902	6,504	8,850	9,343	10,383	11,449	13,326
	1913	.....	333	2,136	2,893	4,321	5,739	6,346	7,969	8,455	9,457
	1912	.....	1	375	1,296	1,927	2,317	2,688	2,809	2,879	3,101

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

TABLE 8.—PER CENT OF THE TOTAL COTTON GINNED TO SPECIFIED DATES, BY STATES: 1912 TO 1916.

[Based on figures given in Table 7, pp. 23 to 25.]

STATE.	Growth year.	PER CENT OF TOTAL COTTON GINNED TO—								
		Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.
United States	1916	7.5	35.9	64.3	75.9	84.6	91.1	95.4	97.1	98.0
	1915	4.2	26.2	51.6	66.7	79.2	87.7	93.1	96.1	97.1
	1914	3.0	21.3	47.9	61.8	73.4	82.2	87.8	90.8	93.8
	1913	5.7	23.2	49.9	63.2	74.7	86.5	92.5	95.5	97.1
	1912	5.4	22.3	51.0	65.8	76.4	87.9	92.2	95.7	97.0
Alabama	1916	4.0	24.9	53.0	68.7	81.7	91.4	96.2	97.8	98.4
	1915	3.8	30.3	54.2	70.9	83.3	91.6	96.3	98.2	98.7
	1914	2.7	22.6	46.8	61.7	73.4	83.1	90.8	94.6	96.8
	1913	3.0	22.0	56.6	68.5	79.6	92.0	97.3	98.9	99.4
	1912	1.0	14.5	44.6	61.0	72.4	87.4	93.0	97.1	98.5
Arkansas	1916	1.4	27.3	61.1	73.8	84.1	90.7	94.7	96.2	96.9
	1915	(1)	7.7	35.9	56.4	72.6	83.0	91.5	95.4	96.6
	1914	0.1	9.9	39.8	57.4	73.9	84.1	89.5	91.4	94.2
	1913	0.1	6.8	31.0	41.6	58.4	76.1	85.3	89.9	93.2
	1912	(1)	5.4	39.0	57.1	71.0	85.5	91.2	95.0	96.2
California	1916	1.0	6.8	15.7	25.8	33.7	45.5	54.2	64.7	72.7
	1915	(1)	6.0	14.9	24.0	34.8	47.9	57.9	71.3	82.4
	1914	2.5	5.5	12.7	18.5	24.2	36.6	46.4	56.2	70.4
	1913	.....	2.8	15.1	26.7	38.1	47.9	60.1	69.9	77.9
	1912	.....	3.7	3.7	27.5	38.4	56.7	66.5	78.5	84.6
Florida	1916	5.7	32.1	63.1	76.4	85.8	92.2	96.8	98.6	99.3
	1915	8.5	34.4	58.1	73.0	84.1	90.8	96.5	98.8	99.4
	1914	5.8	28.2	47.8	62.5	72.7	80.5	89.3	94.5	97.2
	1913	4.4	24.5	53.9	70.9	79.8	87.7	94.6	97.9	98.6
	1912	3.1	16.6	40.1	60.1	71.8	82.7	89.9	95.3	97.4
Georgia	1916	11.5	40.3	65.8	77.5	85.4	91.4	96.1	97.8	98.6
	1915	6.9	36.9	60.8	73.7	84.5	91.3	96.1	98.4	99.0
	1914	5.0	28.2	50.2	64.8	75.8	83.9	90.0	93.6	95.3
	1913	3.1	20.9	55.3	68.5	77.7	88.1	94.4	97.8	98.6
	1912	1.9	15.0	43.8	61.4	73.5	86.3	92.4	96.9	98.3
Louisiana	1916	6.7	40.5	72.5	82.8	89.5	94.9	97.9	98.7	98.9
	1915	1.7	34.0	66.2	80.6	89.0	94.9	97.7	98.7	99.1
	1914	0.8	20.8	49.8	65.7	75.5	84.5	91.8	94.5	96.1
	1913	1.7	17.8	37.5	50.9	63.2	78.4	89.6	94.0	96.2
	1912	0.5	19.7	54.2	69.8	80.2	91.6	96.4	97.8	98.5
Mississippi	1916	1.3	24.7	56.0	70.3	81.4	90.4	95.2	96.9	97.5
	1915	0.5	19.4	45.6	63.2	76.5	86.6	93.2	96.0	96.9
	1914	0.2	13.4	39.0	54.9	68.8	81.0	88.9	91.6	93.9
	1913	0.2	9.6	34.8	45.4	58.7	76.4	86.6	91.3	94.0
	1912	(1)	5.6	34.5	50.9	64.2	81.4	88.0	93.2	94.8
Missouri	1916	.....	14.9	48.7	66.2	77.9	84.5	89.8	92.2	94.3
	1915	.....	2.8	25.4	47.5	69.3	80.4	88.9	93.2	94.4
	1914	(1)	5.5	29.2	46.5	65.4	77.9	82.6	85.1	92.3
	1913	(1)	8.0	35.5	45.7	62.4	82.4	93.1	96.6	98.0
	1912	.....	1.2	26.3	46.0	61.6	78.2	85.4	91.0	92.7
North Carolina	1916	(1)	7.1	36.3	55.0	69.1	81.7	89.2	92.7	94.9
	1915	(1)	11.2	35.9	55.4	71.1	83.1	90.4	94.4	96.2
	1914	0.1	8.7	31.0	44.1	57.3	69.5	79.0	83.9	88.1
	1913	(1)	6.0	30.1	45.9	58.9	74.3	84.6	90.7	93.5
	1912	0.1	11.2	39.3	54.8	69.2	83.3	90.4	94.6	96.6
Oklahoma	1916	1.0	26.9	60.3	72.9	83.8	91.1	96.1	98.2	99.1
	1915	(1)	0.3	19.6	27.6	53.0	71.6	82.5	90.3	92.1
	1914	(1)	8.4	36.6	53.5	70.6	82.7	86.7	88.8	93.1
	1913	0.6	17.7	46.4	63.7	79.1	90.7	93.7	95.5	97.9
	1912	(1)	7.7	39.6	59.6	72.1	86.5	89.8	94.3	96.1
South Carolina	1916	2.8	26.7	52.4	65.9	76.3	85.7	92.1	95.0	96.5
	1915	0.4	22.1	49.5	65.7	78.5	87.0	93.5	96.5	97.9
	1914	0.9	19.5	44.4	58.4	69.9	78.8	85.1	89.0	91.3
	1913	0.5	13.6	43.7	59.7	70.2	81.8	90.0	94.6	96.5
	1912	0.3	14.2	44.1	59.7	72.2	85.1	92.2	95.8	97.4

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

TABLE 8.—PER CENT OF THE TOTAL COTTON GINNED TO SPECIFIED DATES, BY STATES: 1912 TO 1916—Continued.

[Based on figures given in Table 7, pp. 23 to 25.]

STATE.	Growth year.	PER CENT OF TOTAL COTTON GINNED TO—								
		Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.
Tennessee	1916	(1)	14.7	45.5	60.4	73.2	84.2	92.1	94.4	96.0
	1915	(1)	3.1	26.8	49.6	69.1	80.6	89.5	95.2	96.7
	1914	(1)	4.3	27.5	46.4	64.1	78.3	85.8	88.8	92.2
	1913	(1)	5.0	36.0	47.5	63.7	83.0	92.9	96.6	97.7
	1912	(1)	0.4	24.9	44.3	59.1	78.0	86.1	92.9	94.6
Texas	1916	14.6	53.5	79.9	87.4	92.6	95.6	97.7	98.9	99.4
	1915	8.8	37.4	65.2	76.4	85.2	90.6	93.5	95.7	96.6
	1914	6.1	30.4	61.9	72.2	80.0	85.3	88.3	90.2	94.0
	1913	17.4	45.8	65.0	78.2	87.8	94.7	96.1	97.1	98.5
	1912	14.5	43.1	69.5	79.9	86.6	92.9	94.0	96.0	97.1
Virginia	1916	.....	4.0	36.2	54.7	71.4	83.0	90.6	93.6	95.1
	1915	.....	1.6	24.1	49.6	68.3	80.2	89.7	92.2	93.3
	1914	.....	0.9	17.2	34.0	50.3	66.5	80.3	85.1	88.2
	1913	.....	0.1	17.6	36.3	54.4	71.1	84.7	90.3	92.3
	1912	.....	7.1	35.0	59.6	73.9	85.1	94.6	95.8	96.5
All other states [2]	1916	.....	6.7	27.2	37.1	47.6	58.7	75.1	84.7	87.8
	1915	(1)	1.4	8.7	36.1	52.4	68.6	76.8	82.5	92.6
	1914	(1)	8.1	26.6	36.8	48.8	66.4	70.1	77.9	85.9
	1913	.....	3.5	22.6	30.6	45.7	60.7	67.1	84.3	89.4
	1912	.....	(1)	12.1	41.8	62.1	74.7	86.7	90.6	92.8

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

An analysis of the periodical statistics of cotton ginned, as shown in Table 7, is presented in Table 9, which gives the number of bales of cotton ginned during each of the report periods, together with the corresponding percentages for the crops of 1912 to 1916, inclusive.

TABLE 9.—QUANTITY OF COTTON AND PERCENTAGE OF THE TOTAL GINNED DURING EACH PERIOD BETWEEN REPORT DATES: CROPS OF 1912 TO 1916.

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

PERIOD.	1916		1915		1914		1913		1912	
	Quantity (bales).	Per cent of total.	Quantity (bales).	Per cent of total.	Quantity (bales).	Per cent of total.	Quantity (bales).	Per cent of total.	Quantity (bales).	Per cent of total.
Total	11,363,915	100.0	11,068,173	100.0	15,905,840	100.0	13,982,811	100.0	13,488,539	100.0
Prior to Sept. 1	850,668	7.5	463,883	4.2	480,317	3.0	799,099	5.7	730,884	5.4
Sept. 1 to Sept. 25	3,231,321	28.4	2,439,946	22.0	2,913,435	18.3	2,447,556	17.5	2,276,387	16.9
Sept. 25 to Oct. 18	3,221,194	28.3	2,804,901	25.4	4,225,995	26.6	3,726,863	26.6	3,866,935	28.7
Oct. 18 to Nov. 1	1,320,710	11.6	1,670,156	15.1	2,207,165	13.9	1,856,878	13.3	1,995,016	14.8
Nov. 1 to Nov. 14	991,110	8.7	1,392,389	12.6	1,841,328	11.6	1,614,133	11.5	1,430,424	10.6
Nov. 14 to Dec. 1	737,028	6.5	932,337	8.4	1,405,146	8.8	1,643,883	11.8	1,554,895	11.5
Dec. 1 to Dec. 13	486,768	4.3	602,697	5.4	898,843	5.6	839,016	6.0	584,495	4.3
Dec. 13 to Jan. 1	200,692	1.8	330,469	3.0	470,917	3.0	420,293	3.0	468,369	3.5
Jan. 1 to Jan. 16	98,221	0.9	115,212	1.0	472,704	3.0	234,315	1.7	181,525	1.3
After Jan. 15	226,203	2.0	316,183	2.9	989,990	6.2	400,775	2.9	399,609	3.0

Because of ideal weather conditions and the prevailing high price of cotton, the harvesting of the crop of 1916 was one of the earliest and speediest on record. For each of the two periods September 1 to September 25 and September 25 to October 18, about 3,225,000 running bales were reported as ginned, or a total representing almost 57 per cent of the entire crop, as compared with 47 per cent in 1915, 45 per cent in 1914, 44 per cent in 1913, and 46 per cent in 1912. Of the more important

ginning periods, that of September 25 to October 18 is most nearly uniform in its showing of percentages of the total crop for the five years covered by the table. Variations in the proportions of the quantity ginned during earlier or later periods are more seriously affected by the size of the crop and its early or late maturity. The proportion ginned during any period is obviously affected by the weather.

AVERAGE WEIGHT OF BALES.

In order to credit each state and county with its proper proportion of the crop and provide figures which will more nearly express the actual size of the crop, making the reports of each year comparable with those for all other years, it is necessary to convert the running bales, which vary more or less according to locality, market price of cotton, and weather and crop conditions, into bales of uniform weight. To this end the bureau requires its canvassing agents to secure bale weights from local weighers, merchants, and other handlers of cotton, who, because of calculations involving money, naturally insist upon careful and accurate weights. The statistics in Table 10 have been compiled from these data and should constitute a very reliable record. This table shows, by states, for the crops of 1912 to 1916, the average gross weight of upland-square, upland-round, sea-island, and linter bales, and the number of square bales for which weights were returned to the bureau, with their total weight in pounds.

TABLE 10.—AVERAGE GROSS WEIGHT OF THE SEVERAL KINDS OF BALES AND NUMBER AND GROSS WEIGHT OF SQUARE BALES FOR WHICH WEIGHTS WERE RETURNED, BY STATES: 1912 TO 1916.

STATE.	Growth year.	AVERAGE GROSS WEIGHT OF BALE (POUNDS).					SQUARE BALES FOR WHICH WEIGHTS WERE RETURNED.	
		Cotton.						
		Counting round as half bales.	Upland.		Sea-island.	Linters.	Number.	Gross weight (pounds).
			Square.	Round.				
United States	1916	503.8	504.9	254.3	395.6	511.7	6,667,631	3,358,241,602
	1915	505.6	506.6	251.5	387.5	492.9	6,364,290	3,214,561,617
	1914	507.2	507.8	253.0	395.5	514.7	7,688,814	3,897,539,799
	1913	506.2	506.9	251.4	384.7	506.1	7,772,225	3,931,370,190
	1912	508.0	508.7	253.9	381.9	506.0	7,326,923	3,712,983,736
Alabama	1916	482.6	482.6	.....	.....	501.6	364,757	175,081,613
	1915	497.6	497.6	.....	.....	485.2	636,786	316,222,717
	1914	505.7	505.7	.....	.....	509.0	826,931	416,410,234
	1913	504.0	503.9	257.0	.....	500.9	873,197	439,509,807
	1912	505.3	505.3	241.9	.....	504.1	794,048	401,236,288
Arkansas	1916	514.2	514.2	263.3	.....	507.7	698,416	358,071,066
	1915	516.7	516.7	261.8	.....	497.9	477,886	246,018,668
	1914	508.5	508.5	348.3	.....	520.8	551,382	280,392,298
	1913	516.6	516.6	258.1	.....	516.9	592,931	305,967,413
	1912	513.7	513.7	261.6	.....	515.0	478,868	245,221,337
Florida	1916	406.5	485.0	.....	374.2	(1)	10,695	5,244,934
	1915	432.0	493.2	.....	372.7	(1)	18,058	8,923,375
	1914	448.2	488.7	.....	379.6	530.8	47,072	23,051,626
	1913	440.0	488.7	.....	361.3	459.5	31,387	15,404,229
	1912	448.4	496.1	.....	370.4	453.2	32,364	16,065,820
Georgia	1916	491.6	495.3	.....	407.7	511.1	1,101,668	545,147,453
	1915	492.5	495.4	.....	398.7	487.9	1,218,628	604,812,804
	1914	499.1	500.4	.....	412.6	494.4	1,382,898	691,431,261
	1913	493.7	495.4	.....	404.1	491.7	1,353,200	670,356,223
	1912	490.0	492.4	.....	393.6	491.6	1,053,577	519,326,762
Louisiana	1916	502.3	502.3	252.0	.....	503.2	339,933	171,815,675
	1915	506.3	506.3	250.0	.....	498.0	232,183	117,966,229
	1914	496.9	496.9	249.3	.....	523.5	279,915	139,314,883
	1913	508.0	508.1	242.0	.....	512.5	290,828	147,703,664
	1912	501.7	501.8	240.5	.....	513.1	277,460	139,974,808

TABLE 10.—AVERAGE GROSS WEIGHT OF THE SEVERAL KINDS OF BALES AND NUMBER AND GROSS WEIGHT OF SQUARE BALES FOR WHICH WEIGHTS WERE RETURNED, BY STATES: 1912 TO 1916—Continued.

STATE.	Growth year.	AVERAGE GROSS WEIGHT OF BALE (POUNDS).					SQUARE BALES FOR WHICH WEIGHTS WERE RETURNED.	
		Cotton.				Linters.		
		Counting round as half bales.	Upland.		Sea-island.		Number.	Gross weight (pounds).
			Square.	Round.				
Mississippi	1916	507.3	507.3	.....	.....	509.9	404,793	203,437,422
	1915	515.4	515.4	.....	.....	505.1	494,257	253,502,927
	1914	511.4	511.4	.....	.....	531.4	556,749	284,563,180
	1913	523.5	523.5	.....	.....	532.0	567,093	295,057,200
	1912	520.9	520.9	.....	.....	529.3	499,896	259,014,266
North Carolina	1916	471.8	471.8	.....	.....	509.5	419,618	198,117,381
	1915	474.3	474.3	.....	.....	479.0	471,627	224,072,219
	1914	479.5	479.5	.....	.....	492.2	428,948	205,537,721
	1913	472.9	472.9	.....	.....	476.0	423,356	200,763,779
	1912	477.5	477.5	.....	.....	468.7	430,424	205,583,615
Oklahoma	1916	506.2	506.5	248.6	.....	524.4	495,180	250,552,524
	1915	514.0	514.4	251.0	.....	498.6	322,143	165,295,588
	1914	512.0	512.1	250.7	.....	542.5	714,847	365,779,835
	1913	498.7	498.7	250.7	.....	530.2	632,065	314,913,462
	1912	508.0	508.1	251.5	.....	527.3	561,359	284,635,940
South Carolina	1916	480.0	480.5	.....	344.7	510.6	610,729	293,867,366
	1915	482.8	483.5	.....	350.3	477.9	646,646	312,980,322
	1914	491.6	492.1	.....	361.3	490.0	659,039	322,939,700
	1913	485.6	486.4	.....	356.7	483.2	768,771	373,281,653
	1912	482.8	483.6	.....	348.7	480.5	794,263	383,505,671
Tennessee	1916	505.8	505.8	.....	.....	530.6	200,051	100,876,265
	1915	512.1	512.1	.....	.....	501.1	183,250	93,615,768
	1914	515.4	515.4	.....	.....	527.7	187,669	96,591,551
	1913	517.3	517.3	.....	.....	515.4	195,753	101,186,497
	1912	517.0	517.0	.....	.....	521.4	154,062	79,847,517
Texas	1916	522.9	523.1	256.5	.....	511.7	1,932,108	1,010,244,586
	1915	525.8	526.1	251.3	.....	496.3	1,601,393	839,905,392
	1914	523.0	523.0	258.4	.....	520.2	1,970,879	1,028,823,250
	1913	522.8	522.9	250.2	.....	509.4	1,958,516	1,023,227,445
	1912	525.3	525.3	262.5	.....	506.8	2,180,044	1,142,736,945
All other states	1916	505.2	505.2	.....	.....	493.9	89,683	45,785,377
	1915	504.9	504.9	.....	.....	503.6	61,433	31,245,608
	1914	516.5	516.5	.....	.....	523.1	82,485	42,704,260
	1913	512.1	512.1	.....	.....	519.1	85,128	43,998,818
	1912	507.9	507.9	.....	.....	520.3	70,558	35,834,658

[1] Included in "All other states."

The number of square bales for which weights were returned to the bureau in 1916 was 6,667,631, more than one-half of the total number ginned during the season. The bale weights were returned in two installments, with the reports of cotton ginned to November 1 and to January 1. Since weights are secured for bales ginned in different periods, the figures are representative of the varying conditions of the season and contribute to the reliability of the averages. Because of the variation throughout the season in the weights of the bales pressed, it is not possible to arrive at a reliable average for the crop before the season's ginning is practically completed. Weights of sea-island and of upland round bales were secured by the agents from the handlers of such cotton and from these data were computed the average weights for round and sea-island bales. The average weights of the linter bales were computed from returns secured from the cottonseed-oil mills.

Method of computing average bale weights.—To obtain the average bale weights for a state, the average weights in pounds of the square, the round, and the sea-island

bales weighed in each county were first multiplied separately by the numbers of bales of the respective kinds reported as ginned in the county. The several products thus obtained constituted the totals for the county. The county totals for the different kinds of bales were added separately to obtain the corresponding state totals, which were then divided, respectively, by the number of bales of the several kinds ginned in the state to obtain the average weight of each kind of bale. By deducting from the sum of the different kinds of bales one-half of the number of round bales, the divisor for finding the average weight of the bale, counting round as half bales, was obtained. The average bale weight for the crop of 1916, excluding linters, as thus computed, is 503.8 pounds gross weight, as compared with 505.6 pounds for 1915, 507.2 pounds for 1914, 506.2 pounds for 1913, and 508 pounds for 1912.

The variation in the average weight of bale for upland cotton put up in square packages is pronounced throughout the cotton belt, the averages ranging from less than 425 pounds for a number of counties in North Carolina to more than 540 pounds for certain counties in Arkansas, Louisiana, and Texas. For the states shown separately in the table, the range is from 471.8 pounds in North Carolina to 523.1 in Texas. These variations are due to a number of causes, the principal one, no doubt, being the practice of putting in one package the lint obtained from a single load of seed cotton, the quantity in a load depending upon capacity of wagons, character of roads' local customs, price of cotton, etc.

Disparity between census and export bale weights.—The average weight of the bales exported during the year ending July 31, 1917, was 519.6 pounds, which is 15.8 pounds greater than the average for the crop of 1916, as computed from the returns of bale weights received by the bureau. This variation may be ascribed to a number of reasons, the two most important, no doubt, being that the states which contribute the larger portion of the export cotton are those which put up the heaviest bales and that export bales are usually made heavier by the addition of patches to the wrapping and extra bands round the bale at the time it is compressed for shipment. The average weight of the bale for the states of Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas, which furnish much the larger part of the export cotton, was 515.7 pounds, while that for the states of Alabama, Georgia, North Carolina, and South Carolina, which contribute most largely to the domestic consumption, was 484.2 pounds.

PRICES OF COTTON AND COTTON SEED.

The prices of cotton realized on the exchanges are obviously higher than those actually obtained by the growers in disposing of their crops, since they may include charges for freight, compression, and commissions. In order to make available reliable data as to the value of the cotton crop to the growers, the Bureau of Crop Estimates, of the Department of Agriculture, has collected data and prepared estimates showing, by states, the yearly average price of cotton and cotton seed paid to producers in the last five years. These estimates for lint cotton were prepared from the average prices on the first of each month, these monthly prices being weighted by the monthly marketings of cotton to obtain the yearly average. The estimated average prices per ton paid to producers for cotton seed were prepared from the average prices at the middle of each month, the monthly averages being weighted by the monthly marketings of seed to obtain the yearly averages. The average prices of cotton and cotton seed, by states, as computed for the crops of 1912 to 1916, inclusive, are as follows:

TABLE 11.—AVERAGE PRICE OBTAINED BY PRODUCERS FOR COTTON AND COTTON SEED, BY STATES: 1912 TO 1916.

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

STATE.	YEARLY AVERAGE PRICE OBTAINED BY PRODUCERS FOR—									
	Lint cotton per pound, in cents, crop of—					Cotton seed per ton, crop of—				
	1916	1915	1914	1913	1912	1916	1915	1914	1913	1912
United States	17.28	11.22	7.33	12.48	11.48	$50.50	$33.60	$17.90	$22.40	$19.20
Alabama	17.71	11.08	7.29	12.86	11.44	54.56	36.90	18.90	23.50	19.50
Arkansas	17.59	11.64	7.03	12.08	11.78	50.26	34.10	17.00	19.40	20.00
Florida	24.45	14.81	10.74	14.57	14.65	47.63	31.60	17.30	21.00	17.50
Georgia	18.04	11.30	7.44	12.90	11.60	55.66	36.90	20.20	24.20	20.50
Louisiana	16.85	10.94	7.63	12.24	11.38	49.45	32.00	18.60	18.50	19.70
Mississippi	18.22	11.51	7.29	12.59	11.87	52.18	34.30	18.70	22.40	21.80
Missouri	16.93	11.02	6.82	12.50	11.80	52.18	31.20	22.00	21.20	22.10
North Carolina	17.36	11.20	7.65	12.73	11.48	53.74	37.00	21.60	26.00	22.10
Oklahoma	17.05	11.13	6.81	11.78	11.12	51.82	30.60	14.60	20.50	17.50
South Carolina	17.63	11.21	7.76	12.86	11.70	54.98	36.50	20.80	25.70	21.20
Tennessee	17.56	11.40	7.09	12.82	11.94	51.59	35.00	18.30	24.50	22.90
Texas	16.63	11.02	7.22	12.19	11.29	45.80	29.30	15.30	20.60	17.10

The growers of cotton in the United States as a whole received for the lint produced from the crop of 1916 an average price of 17.28 cents per pound, as compared with 11.22 cents for the crop of 1915, 7.33 cents for the crop of 1914, 12.48 cents for the crop of 1913, and 11.48 cents for the crop of 1912. For each of the years shown the growers of Florida received a much higher average than those of any other state. This is due to the large proportion of sea-island cotton, which usually constitutes more than one-half of the total crop, and in 1916 was almost two-thirds of the total. The second highest average is shown by Mississippi for 1916, Arkansas for 1915, South Carolina for 1914, Georgia for 1913, and Tennessee for 1912. Oklahoma shows the lowest average price for each of the crops represented, except 1915 and 1916. So many factors enter into the production, the handling, and the marketing of cotton that it is to be expected that the relative market values in different localities should vary from year to year. In some states, however, there are constant factors which operate toward a higher or a lower price. For instance, in South Carolina and Georgia a portion of each year's crop is made up of sea-island cotton and the long-staple varieties of upland. In these states, also, the cost of transportation to the seaboard or the centers of consumption is probably less than in most others, whereas in Oklahoma the haul to ports and mills is longer than in any other state.

According to the annual report of Mr. Henry G. Hester, secretary of the New Orleans Cotton Exchange, the average grade of the crop of 1916 was "middling to strict middling" and the average price of middling for the year was 18.41 cents per pound. According to the same source, the average price of middling cotton for the crop of 1915 was 11.99; for 1914, 7.94 cents per pound; and for 1913 and 1912, 13.49 and 12.20 cents, respectively.

The yearly average price per ton of cotton seed paid to producers in the United States as a whole was $50.50 for the crop of 1916, $33.60 for 1915, $17.90 for 1914, $22.40 for 1913, and $19.20 for 1912. The highest averages in the several states were shown by Georgia for the crop of 1916, by North Carolina for the crops of 1915 and 1913, by Missouri for the crop of 1914, and by Tennessee for 1912. North Carolina, South Carolina, and Georgia uniformly show high average prices, both because the seed produced in these states yields high percentages of the more valuable products and because there is considerable local demand for cottonseed meal for use in mixing fertilizers.

On the other hand, the average prices in Texas, Oklahoma, and Arkansas are uniformly lower because of the lower yield of oil from the seed produced in these states. The high price of linters during the past two seasons accounts, in part, for the unusually high prices paid for cotton seed.

THE VALUE OF THE COTTON CROP.

The gross weight of upland and sea-island cotton and the estimated quantity of cotton seed, together with the estimated values of lint cotton and cotton seed for the crops of 1912 to 1916 are presented, by states, in Table 12. No account is taken of linters in computing the value of the crop, as the value of the cotton seed relates to seed before reginning. The estimated value of linters produced, however, is given in Table 53, p. 105.

TABLE 12.—GROSS WEIGHT AND ESTIMATED VALUE OF LINT COTTON AND ESTIMATED QUANTITY AND VALUE OF COTTON SEED, BY STATES: 1912 TO 1916.

STATE.	Growth year.	Aggregate value of cotton crop.	LINT COTTON—GROSS WEIGHT.					COTTON SEED.	
			Total value.	Total.	Upland.		Sea-island bales.	Quantity.	Value.
					In square bales.	In round bales.			
				Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Tons.*	
United States	1916	$1,253,130,000	$994,060,000	5,724,960,000	5,629,540,000	48,920,000	46,500,000	5,113,000	$259,070,000
	1915	795,840,000	627,940,000	5,595,910,000	5,532,220,000	28,100,000	35,590,000	4,992,000	167,900,000
	1914	720,080,000	591,130,000	8,067,470,000	8,020,610,000	14,570,000	32,290,000	7,186,000	128,950,000
	1913	1,026,700,000	885,350,000	7,078,240,000	7,023,270,000	25,130,000	29,840,000	6,305,000	141,350,000
	1912	904,130,000	786,800,000	6,851,710,000	6,802,830,000	20,700,000	28,180,000	6,104,000	117,330,000
Alabama	1916	60,110,000	47,230,000	266,700,000	266,700,000	.....	.....	236,000	12,880,000
	1915	73,270,000	56,550,000	510,420,000	510,420,000	.....	.....	453,000	16,720,000
	1914	78,540,000	63,840,000	875,690,000	875,690,000	.....	.....	778,000	14,700,000
	1913	111,760,000	96,160,000	747,740,000	744,830,000	2,910,000	.....	664,000	15,600,000
	1912	88,400,000	76,780,000	671,140,000	668,900,000	2,240,000	.....	596,000	11,620,000
Arkansas	1916	125,070,000	99,740,000	567,020,000	566,210,000	810,000	.....	504,000	25,330,000
	1915	59,870,000	47,490,000	408,000,000	407,110,000	890,000	.....	363,000	12,380,000
	1914	43,390,000	35,720,000	508,080,000	507,550,000	530,000	.....	451 000	7,670,000
	1913	74,050,000	64,800,000	536,420,000	535,030,000	1,390,000	.....	477,000	9,250,000
	1912	53,690,000	46,650,000	396,020,000	395,380,000	640,000	.....	352,000	7,040,000
Florida	1916	6,310,000	5,070,000	20,720,000	7,220,000	.....	13,500,000	26,000	1,240,000
	1915	4,390,000	3,540,000	23,920,000	13,450,000	.....	10,470,000	27,000	850,000
	1914	5,100,000	4,360,000	40,630,000	27,850,000	.....	12,780,000	43,000	740,000
	1913	4,930,000	4,280,000	29,350,000	20,100,000	.....	9,250,000	31,000	650,000
	1912	4,350,000	3,860,000	26,380,000	18,110,000	.....	8,270,000	28,000	490,000
Georgia	1916	210,230,000	164,250,000	910,470,000	878,670,000	.....	31,800,000	826,000	45,980,000
	1915	139.570,000	107,840,000	954,340,000	931,380,000	.....	22,960,000	860,000	31,730,000
	1914	125,690,000	101,110,000	1,359,020,000	1,341,530,000	.....	17,490,000	1,217,000	24,580,000
	1913	174,540,000	149,420,000	1,158,300,000	1,140,800,000	.....	17,500,000	1,038,000	25,120,000
	1912	119,400,000	103,040,000	888,270,000	871,050,000	.....	17,220,000	798,000	16,360,000
Louisiana	1916	47,080,000	37,340,000	221,590,000	221,130,000	460,000	.....	197,000	9,740,000
	1915	23,490,000	18,660,000	170,530,000	170,320,000	210,000	.....	151,000	4,830,000
	1914	20,870,000	17,150,000	224,730,000	224,440,000	290,000	.....	200,000	3,720,000
	1913	30,800,000	27,160,000	221,910,000	221,490,000	420,000	.....	197,000	3,640,000
	1912	24,690,000	21,400,000	188,050,000	187,760,000	290,000	.....	167,000	3,290,000

TABLE 12.—GROSS WEIGHT AND ESTIMATED VALUE OF LINT COTTON AND ESTIMATED QUANTITY AND VALUE OF COTTON SEED, BY STATES: 1912 TO 1916.—Continued.

STATE.	Growth year.	Aggregate value of cotton crop.	LINT COTTON—GROSS WEIGHT.					COTTON SEED.	
			Total value.	Total.	Upland.		Sea-island bales.	Quantity.	Value.
					In square bales.	In round bales.			
				Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Tons.*	
Mississippi	1916	$92,790,000	$73,950,000	405,900,000	405,900,000	.....	.....	361,000	$18,840,000
	1915	69,440,000	54,900,000	476,980,000	476,980,000	.....	.....	424,000	14,540,000
	1914	55,740,000	45,400,000	622,770,000	622,770,000	.....	.....	553,000	10,340,000
	1913	95,570,000	82,510,000	655,370,000	655,370,000	.....	.....	583,000	13,000,000
	1912	72,250,000	62,110,000	523,210,000	523,210,000	.....	.....	465,000	10,140,000
Missouri	1916	6,770,000	5,310,000	31,350,000	31,350,000	.....	.....	28,000	1,460,000
	1915	3,300,000	2,640,000	24,000,000	24,000,000	.....	.....	21,000	660,000
	1914	3,580,000	2,790,000	40,880,000	40,880,000	.....	.....	36,000	790,000
	1913	4,830,000	4,190,000	33,550,000	33,550,000	.....	.....	30,000	640,000
	1912	3,840,000	3,290,000	27,850,000	27,850,000	.....	.....	25,000	550,000
North Carolina	1916	72,400,000	56,820,000	327,300,000	327,300,000	.....	.....	290,000	15,580,000
	1915	50,640,000	39,170,000	349,750,000	349,750,000	.....	.....	310,000	11,470,000
	1914	44,500,000	35,600,000	465,320,000	465,320,000	.....	.....	412,000	8,900,000
	1913	59,580,000	50,450,000	396,270,000	396,270,000	.....	.....	351,000	9,130,000
	1912	58,150,000	49,690,000	432,830,000	432,830,000	.....	.....	383,000	8,460,000
Oklahoma	1916	89,180,000	70,210,000	411,760,000	398,430,000	13,330,000	.....	366,000	18,970,000
	1915	44,310,000	35,590,000	319,810,000	311,390,000	8,420,000	.....	285,000	8,720,000
	1914	51,170,000	42,980,000	631,090,000	621,920,000	9,170,000	.....	561,000	8,190,000
	1913	57,150,000	49,500,000	420,190,000	409,910,000	10,280,000	.....	373,000	7,650,000
	1912	64,730,000	56,780,000	510,620,000	499,660,000	10,960,000	.....	454,000	7,950,000
South Carolina	1916	104,900,000	82,140,000	465,920,000	464,720,000	.....	1,200,000	414,000	22,760,000
	1915	81,960,000	63,560,000	566,960,000	564,800,000	.....	2,160,000	504,000	18,400,000
	1914	73,700,000	59,510,000	766,900,000	764,880,000	.....	2,020,000	682,000	14,190,000
	1913	104,340,000	88,590,000	688,910,000	685,820,000	.....	3,090,000	613,000	15,750,000
	1912	80,300,000	69,150,000	591,060,000	588,370,000	.....	2,690,000	526,000	11,150,000
Tennessee	1916	42,350,000	33,580,000	191,210,000	191,210,000	.....	.....	170,000	8,770,000
	1915	22,020,000	17,290,000	151,710,000	151,710,000	.....	.....	135,000	4,730,000
	1914	16,730,000	13,600,000	191,760,000	191,760,000	.....	.....	171,000	3,130,000
	1913	28,460,000	24,320,000	189,740,000	189,740,000	.....	.....	169,000	4,140,000
	1912	19,330,000	16,510,000	138,270,000	138,270,000	.....	.....	123,000	2,820,000

Texas	1916	385,730,000	309,790,000	1,862,850,000	1,828,530,000	34,320,000	.....	1,658,000	75,940,000
	1915	219,900,000	177,830,000	1,613,740,000	1,595,160,000	18,580,000	.....	1,436,000	42,070,000
	1914	197,030,000	165,770,000	2,296,050,000	2,291,470,000	4,580,000	.....	2,043,000	31,260,000
	1913	276,600,000	240,450,000	1,972,490,000	1,962,360,000	10,130,000	.....	1,755,000	36,150,000
	1912	312,610,000	275,490,000	2,440,110,000	2,433,540,000	6,570,000	.....	2,171,000	37,120,000
Virginia	1916	2,990,000	2,350,000	13,560,000	13,560,000	.....	.....	12,000	640,000
	1915	1,140,000	880,000	7,900,000	7,900,000	.....	.....	7,000	260,000
	1914	1,200,000	960,000	12,610,000	12,610,000	.....	.....	11,000	240,000
	1913	1,750,000	1,490,000	11,740,000	11,740,000	.....	.....	10,000	260,000
	1912	1,640,000	1,400,000	12,200,000	12,200,000	.....	.....	11,000	240,000
All other states	1916	7,220,000	6,280,000	28,610,000	28,610,000	.....	.....	25,000	940,000
	1915	2,540,000	2,000,000	17,850,000	17,850,000	.....	.....	16,000	540,000
	1914	2,840,000	2,340,000	31,940,000	31,940,000	.....	.....	28,000	500,000
	1913	2,340,000	2,030,000	16,260,000	16,260,000	.....	.....	14,000	310,000
	1912	750,000	650,000	5,700,000	5,700,000	.....	.....	5,000	100,000

The statistics of lint cotton produced have been computed to represent the weight of baled cotton just as bought and sold. Estimating the weight of the wrapping and bands of the bales to average 22 pounds for upland square, 3 pounds for upland round, and 10 pounds for sea-island, the total tare for the cotton crop of 1916 on this basis amounted to 247,057,000 pounds, leaving 5,477,903,000 pounds as the net weight of lint cotton produced.

In computing the values of the crops, the average prices of cotton and of cotton seed given in Table 11 have been used. On page 30 is stated the method of determining these prices, and the values given in the table must be considered accordingly. With the varying conditions found throughout the cotton belt, the compilation of absolutely accurate data as to the value of the crop is impossible. The statistics in Table 12 are, in a large sense, therefore, estimates, but it is believed they are sufficiently close to the facts to furnish a reliable reference. The average prices given in Table 11 have been multiplied in each case by the corresponding numbers representing the weights, while the average prices of seed for the several states have been applied to the estimated quantities of seed produced. The values of cotton and of seed are combined to make up the total value of the cotton crop, which appears in the first column of the table. The value of the crop of 1916, as thus determined, is $1,253,130,000, as compared with $795,840,000 for 1915, $720,080,000, for 1914, $1,026,700,000 for 1913, and $904,130,000 for 1912. Thus the value of the crop of 1916 was almost twice that of 1914, notwithstanding the fact that the quantity of lint cotton was very much less.

Estimated seed production.—In calculating the production of seed from a crop of cotton, adherence was held formerly to the generally-accepted ratio of one part lint and two parts seed, but greater care in seed selection and improved methods of cultivation have developed a somewhat higher percentage of lint. It is estimated that 35 per cent of lint for upland and 25 per cent for sea-island very closely approximate the actual ratios for recent years. Computed on these bases, the quantity of seed produced in 1916 amounted to 5,113,000 tons.

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

COTTON GRADING AND MARKETING.

The continued agitation for better methods in the marketing of cotton has resulted in giving greater attention to the actual worth of the staple in its sale by the producer. Growers, having become more familiar with the standards used by the ultimate consumer when making his purchases, are endeavoring to meet the requirements of the trade, and insist that the improved conditions be fully considered in the sale of their cotton. The establishment and the wide distribution of standard grades by the Department of Agriculture, under authorization of Congress, have made it possible for all concerned to approximate very closely the real worth of the cotton. The Bureau of Markets, which is charged with the establishment and distribution of the cotton standards, has made investigations of the physical effects on the fiber imposed by the various processes involved in ginning, baling, and compressing. Surveys have also been conducted for the purpose of determining the relation between quality and price in the several primary markets.

The United States warehouse act.—The act of Congress approved August 11, 1916, providing for the licensing of warehouses for the storage of agricultural products under Federal supervision, has a special interest to the grower and the handler of cotton in that it gives the owner a negotiable certificate for cotton stored in such warehouses which may be used as collateral and enable him to hold his product for favorable market conditions. Authority is given the Secretary of Agriculture in this act "to investigate the storage, warehousing, classifying according to grade and otherwise,

weighing, and certification of agricultural products" in such licensed warehouses, and to suspend or revoke, after opportunity for hearing has been given, any license issued to any warehouseman for violation of or failure to comply with any provision of the law, or any rule or regulation made under it, or upon the ground that unreasonable or exorbitant charges have been made for services rendered. The issuance of warehouse receipts is made obligatory for all agricultural products stored for interstate or foreign commerce or in any place under the exclusive jurisdiction of the United States. The kind of receipt to be issued is fully specified in section 18 of the warehouse act, which is as follows:

SEC. 18. That every receipt issued for agricultural products stored in a warehouse licensed under this act shall embody within its written or printed terms (*a*) the location of the warehouse in which the agricultural products are stored; (*b*) the date of issue of the receipt; (*c*) the consecutive number of the receipt; (*d*) a statement whether the agricultural products received will be delivered to the bearer, to a specified person, or to a specified person or his order; (*e*) the rate of storage charges; (*f*) a description of the agricultural products received, showing the quantity thereof, or, in case of agricultural products customarily put up in bales or packages, a description of such bales or packages by marks, numbers, or other means of identification and the weight of such bales or packages; (*g*) the grade or other class of the agricultural products received and the standard or description in accordance with which such classification has been made: *Provided*, That such grade or other class shall be stated according to the official standard of the United States applicable to such agricultural products as the same may be fixed and promulgated under authority of law: *Provided further*, That until such official standards of the United States for any agricultural product or products have been fixed and promulgated, the grade or other class thereof may be stated in accordance with any recognized standard or in accordance with such rules and regulations not inconsistent herewith as may be prescribed by the Secretary of Agriculture; (*h*) a statement that the receipt is issued subject to the United States warehouse act and the rules and regulations prescribed thereunder; (*i*) if the receipt be issued for agricultural products of which the warehouseman is owner, either solely or jointly or in common with others, the fact of such ownership; (*j*) a statement of the amount of advances made and of liabilities incurred for which the warehouseman claims a lien: *Provided*, That if the precise amount of such advances made or of such liabilities incurred be at the time of the issue of the receipt unknown to the warehouseman or his agent who issues it, a statement of the fact that advances have been made or liabilities incurred and the purpose thereof shall be sufficient; (*k*) such other terms and conditions within the limitations of this act as may be required by the Secretary of Agriculture; and (*l*) the signature of the warehouseman, which may be made by his authorized agent: *Provided*, That unless otherwise required by the law of the state in which the warehouse is located, when requested by the depositor of other than fungible agricultural products, a receipt omitting compliance with subdivision (*g*) of this section may be issued if it have plainly and conspicuously embodied in its written or printed terms a provision that such receipt is not negotiable.

LONG-STAPLE COTTON.

The urgent demand for long-staple cotton in the manufacture of thread, automobile tires, and the higher-grade fabrics has given such varieties an importance seemingly out of proportion to the amount produced. While at one time long-fiber sea-island cotton grown in the West Indies provided a large part of the total cotton used in Europe, the world's production of this variety at the present time is comparatively insignificant, averaging less than 100,000 bales per annum. The quantity of long-fiber cotton produced in Egypt last year was about 1,000,000 bales, and the quantity of upland cotton with a staple of 1⅛ inches or more in length produced in the United States from the crop of 1916, according to the estimate of the Department of Agriculture, was somewhat over 1,000,000 bales. Long-staple cotton is also produced in comparatively small quantities in India, Brazil, Peru, and several other countries. Altogether the total of long-staple cotton—that is, cotton having a fiber of 1⅛ inches or more in length—produced throughout the world from the crop of 1916 did not, in all probability, exceed 2,250,000 bales. As stated above, great interest attaches to cotton of this character under normal conditions, and statistics more or less in detail are presented regarding its cultivation in the United States.

Sea-island cotton.—Table 13 is a comparative statement, showing by states the quantity of sea-island cotton ginned in the United States from the crops of 1912 to 1916, the average gross weight of the bale, and the quantity ginned to specified dates during these years.

TABLE 13.—SEA-ISLAND COTTON—PRODUCTION, AVERAGE GROSS WEIGHT OF BALE AND QUANTITY GINNED TO SPECIFIED DATES, BY STATES: 1912 TO 1916.

STATE.	Growth year.	PRODUCTION.		Average gross weight of bale (pounds).
		Bales (number).	Total gross weight (pounds).	
United States	1916	117,559	46,500,000	395.6
	1915	91,844	35,590,000	387.5
	1914	81,654	32,290,000	395.5
	1913	77,563	29,840,000	384.7
	1912	73,777	28,180,000	381.9
Florida	1916	36,092	13,500,000	374.2
	1915	28,094	10,470,000	372.7
	1914	33,662	12,780,000	379.6
	1913	25,587	9,250,000	361.3
	1912	22,334	8,270,000	370.4
Georgia	1916	77,981	31,800,000	407.7
	1915	57,572	22,960,000	398.7
	1914	42,395	17,490,000	412.6
	1913	43,305	17,500,000	404.1
	1912	43,736	17,220,000	393.6
South Carolina	1916	3,486	1,200,000	344.7
	1915	6,178	2,160,000	350.3
	1914	5,597	2,020,000	361.3
	1913	8,671	3,090,000	356.7
	1912	7,707	2,690,000	348.7

STATE.	Growth year.	COTTON GINNED TO (RUNNING BALES)—								
		Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.
United States	1916	4,631	31,261	65,040	80,727	92,909	102,496	110,163	113,343	115,592
	1915	2,097	19,091	40,438	55,362	68,941	77,165	84,110	88,933	90,671
	1914	1,748	13,927	30,078	43,115	54,197	63,024	71,401	76,857	79,515
	1913	436	10,570	31,139	42,804	51,950	61,049	69,520	74,320	76,277
	1912	232	3,051	15,960	28,887	40,389	51,275	60,445	67,257	70,758
Florida	1916	760	8,519	21,112	26,680	30,847	33,340	34,728	35,563	35,867
	1915	378	5,405	12,831	17,841	22,532	24,914	26,721	27,715	27,989
	1914	602	5,927	13,738	19,142	23,751	27,531	30,488	32,305	33,221
	1913	140	4,049	12,259	16,356	19,542	22,207	24,126	25,166	25,366
	1912	167	1,690	6,976	11,067	15,052	17,826	19,505	21,085	21,916
Georgia	1916	3,871	22,695	43,571	53,493	61,123	67,576	73,028	74,845	76,467
	1915	1,718	13,637	26,938	36,145	44,156	48,877	52,937	55,631	56,723
	1914	1,146	7,907	15,884	23,096	28,800	33,091	37,395	39,999	41,204
	1913	295	6,443	17,868	24,570	29,355	34,346	39,014	41,768	42,650
	1912	64	1,258	8,148	16,276	22,873	29,756	35,418	39,543	41,529
South Carolina	1916	.....	47	357	554	939	1,580	2,407	2,935	3,258
	1915	1	49	669	1,376	2,253	3,374	4,452	5,587	5,959
	1914	.....	93	436	877	1,646	2,402	3,518	4,553	5,090
	1913	1	78	1,012	1,878	3,053	4,496	6,380	7,386	8,261
	1912	1	103	836	1,544	2,464	3,693	5,522	6,629	7,313

The sea-island cotton crop of 1916 amounted to 117,559 running bales, or 46,500,000 pounds gross weight. It was the second largest crop ever produced, being exceeded only by that of 1911. More than one-half of the total crop of sea-island cotton in 1916 was ginned prior to October 18 and more than seven-eighths prior to December 1.

The ginning of sea-island cotton in the three producing states from the crop of 1916 was confined to 47 counties, comprising 16 counties in Florida, 28 in Georgia, and 3 in South Carolina. In addition, a few bales were produced in Texas and in Louisiana in an experimental way. It was not grown, however, in all parts of the

counties from which it was returned, in some instances only a small proportion of the total production of cotton being sea island. The distribution of the crop by counties for the last five years will be found in Table 54, and the localities producing it in 1916 are represented on the map on page 14. It might be presumed that the high prices generally received for this cotton would cause a large increase in the acreage, but attempts to grow it in other parts of these states and in other states have been so unsatisfactory that practically all efforts to raise it outside of certain well-defined areas in the states named have been abandoned.

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

The sea-island cotton now being grown in the West Indies is said to surpass the average American product and competes with that grown in South Carolina rather than with the less valuable varieties grown in Florida and Georgia. However, the total exports of sea-island cotton from the British West Indies for the year ending September 30, 1914, were only 3,810 bales of 500 pounds each. The growing of sea-island cotton in Santo Domingo has been attempted several times. It is stated that the regions in the vicinity of Puerta Plata are well suited to cotton growing and that there will be considerable development in this section.

Egyptian cotton.—The fiber of Egyptian cotton is not so strong nor so fine as that of sea island, but it is nevertheless quite strong and of uniform length. It is prepared for market more carefully than most of the American fiber, and, being freer from waste, is more satisfactory on that account to the manufacturer. The imports of Egyptian cotton into the United States during the year ending July 31, 1917, amounted to 199,892 bales of 500 pounds each, compared with 350,796 bales for the preceding year. The demand for Egyptian cotton by American manufacturers has led to efforts to grow in the United States cotton having its characteristics, and some encouragement has been given the movement by the success attending its culture in Arizona.

The status of the cultivation of Egyptian varieties of cotton in this country is presented in the following statement, prepared by the Department of Agriculture:

It is estimated that 3,331 bales, averaging 500 pounds net weight, of Egyptian varieties were produced in Arizona in 1916. This crop was grown on 5,477 acres, indicating an average yield of about 300 pounds per acre. The bulk of the crop consisted of the Yuma variety, averaging 1½ inches in length, which has been grown commercially in Arizona since 1912. The total acreage as given above also included 252 acres of the Pima variety, which averages 1⅝ inches in length. This area produced 251½ bales averaging 500 pounds net weight, indicating a yield of 499 pounds per acre. Yuma cotton was sold f. o. b. Arizona points at from 27½ to 50 cents per pound, the highest prices having been realized toward the close of the season, and most of the crop sold for more than 40 cents per pound. Some of the Pima cotton sold as high as 58 cents per pound f. o. b.

The very high prices now prevailing in the long-staple cotton market have led to the planting of a greatly increased acreage in Arizona during the spring of 1917. The best estimate now obtainable places the acreage in Maricopa County (Salt River Valley) at from 35,000 to 40,000 acres, and in Yuma County at 4,000 acres. The largest acreage of Egyptian cotton previously grown was 12,000 acres, in 1914.

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

Complete data of the production of long-staple upland cotton are not available. The Bureau of Crop Estimates, of the Department of Agriculture, however, made an inquiry to determine what percentage of the total crop of 1916 was upland long-staple, where this staple was produced, and the yields and selling prices compared with short-

staple cotton. The results of this inquiry appear in the Monthly Crop Report for June, 1917, from which the following information is obtained:

UPLAND LONG-STAPLE, SHORT-STAPLE, AND SEA-ISLAND COTTON—RELATIVE PRODUCTION, YIELDS PER ACRE, AND PRICES: 1915 AND 1916.

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

STATE.	Long staple.		Short staple.		Sea Island.	
	1916	1915	1916	1915	1916	1915
	PERCENTAGE OF TOTAL CROP.					
	P. ct.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*
United States	8.8	7.4	90.4	91.9	0.8	0.7
Alabama	1.6	1.8	98.4	98.2	.....	.....
Arizona	43.0	90.0	57.0	10.0	.....	.....
Arkansas	17.0	14.4	83.0	85.6	.....	.....
California	30.0	20.0	70.0	80.0	.....	.....
Florida	1.0	1.0	36.0	55.0	63.0	44.0
Georgia	2.5	2.0	94.0	95.5	3.5	2.5
Louisiana	7.0	2.2	93.0	97.8	.....	.....
Mississippi	38.0	23.1	62.0	76.9	.....	.....
Missouri	13.0	20.0	87.0	80.0	.....	.....
North Carolina	3.0	2.0	97.0	98.0	.....	.....
Oklahoma	11.0	13.5	89.0	86.5	.....	.....
South Carolina	9.0	8.0	90.7	91.5	0.3	.05
Tennessee	4.0	7.0	96.0	93.0	.....	.....
Texas	5.0	6.2	95.0	93.8	.....	.....
Virginia	6.0	1.0	94.0	99.0	.....	.....
	YIELD OF LINT PER ACRE.					
	Lbs.	*Lbs.*	*Lbs.*	*Lbs.*	*Lbs.*	*Lbs.*
United States	160	176	163	179	128	149
Alabama	135	155	77	148	.....	.....
Arizona	232	250	450	350	.....	.....
Arkansas	200	170	209	176	.....	.....
California	275	400	275	400	.....	.....
Florida	80	130	90	140	123	123
Georgia	160	200	166	194	130	160
Louisiana	166	150	176	158	.....	.....
Mississippi	133	155	117	175	.....	.....
Missouri	218	240	226	245	.....	.....
North Carolina	205	260	215	270	.....	.....
Oklahoma	163	163	153	154	.....	.....
South Carolina	156	228	155	232	125	145
Tennessee	205	170	206	182	.....	.....
Texas	160	165	157	147	.....	.....
Virginia	330	200	314	212	.....	.....
	AVERAGE PRICE PER POUND.					
	Cts.	*Cts.*	*Cts.*	*Cts.*	*Cts.*	*Cts.*
United States	23.2	13.4	19.1	11.3	46.1	22.6
Alabama	21.7	13.0	19.2	11.2	.....	.....
Arizona	49.0	.....	19.0	.....	.....	.....
Arkansas	23.0	13.3	19.1	11.5	.....	.....
California	26.0	16.0	20.0	12.0	.....	.....
Florida	23.0	12.5	18.5	10.9	46.0	23.0
Georgia	24.6	13.5	19.3	11.3	46.0	22.0
Louisiana	24.0	12.7	19.0	11.2	.....	.....
Mississippi	25.0	14.6	19.4	11.4	.....	.....
Missouri	22.0	12.0	19.0	11.0	.....	.....
North Carolina	22.5	13.8	19.2	11.3	.....	.....
Oklahoma	19.6	11.9	18.7	11.5	.....	.....
South Carolina	25.3	15.3	19.3	11.3	49.0	25.0
Tennessee	23.5	13.0	19.2	11.2	.....	.....
Texas	20.5	11.9	19.0	11.3	.....	.....
Virginia	21.0	14.0	19.5	11.5	.....	.....

The reports of the length of staple show a total of 1,008,000 bales of upland cotton having a length of 1⅛ inches or over, produced from the crop of 1916, against 832,000 bales of this length out of the crop of 1915. This marked increase in long-staple production is due primarily to the relatively high prices paid for it during the last few years, and secondarily to improved varieties which are proving, in sections suitable to their growth, almost or quite equal in yield and in early maturity to standard varieties of short staple. Responses to supplemental inquiries as to the proportion of the crop represented by specified lengths of staple indicated that 1.3 per cent of the total crop ran 1¼ inches or over, the highest percentage being in Florida where almost two-thirds of the crop was sea island, and in Arizona where practically half of the crop was of the Egyptian variety.

The yield per acre of long-staple upland for the United States is reported at 160 pounds of lint, compared with 163 pounds for the short-staple varieties, while last year the yields reported were 176 pounds for long staple and 179 pounds for short staple. The indication in both years that the long staple yields only slightly less per acre than the short staple might be misleading for it must be considered that long-staple varieties are grown as a rule only on the better soils, and elsewhere only by the better farmers, who give the crop particular attention.

The average price received by growers for upland long staple in 1916 was 23.2 cents, against 19.1 cents for short staple. The difference in states where the production of long staple is well established is greater, 25 cents for long staple, compared with 19.4 cents for short staple in Mississippi, and 25.3 cents against 19.3 cents in South Carolina. The average price difference for the United States is more marked than for the crop of 1915, when it was 13.4 cents for the long staple, as against 11.3 cents for the short staple. These prices, while representative of the differences for long and short staple, are those governing about December 1 and do not represent the averages for the entire crop.

The most important states producing long staple upland cotton in 1916 were Mississippi and Arkansas. The largely increased production in these states was due to the increased plantings of the new, vigorous, early-maturing varieties in rich, alluvial soils, coupled with one of the most favorable seasons for cotton production ever experienced in the upper Delta. In Texas and Oklahoma decreases in both actual and proportional quantities of long staple produced were caused by extreme heat and deficient rainfall, which shortened the lint.

NUMBER OF GINNERIES.

The number of ginneries, both active and idle, reported for each year from 1912 to 1916, and the average number of running bales ginned per active establishment, are shown, by states, in Table 14. Notwithstanding the general increase in the production of cotton, the total number of active ginneries has been decreasing. As compared with 1915, Alabama showed a loss of 532, Georgia 230, South Carolina 237, North Carolina 134, and Texas 123. As a result of the more general use of larger and more modern ginneries in the newer portions of the cotton belt, the average number of bales ginned per establishment is naturally higher for these sections.

It is the practice of the bureau to retain on the official list and to class as "idle" all establishments which contain the machinery necessary for ginning, and which may be operated at some future time, and to drop from the list as "dismantled" only those not properly equipped with ginning machinery. This, in part, accounts for the relatively large number of idle establishments. The number of active and of idle ginneries in each county is shown in Table 55, pp. 107 to 122.

TABLE 14.—NUMBER OF ACTIVE AND IDLE GINNERIES, AND AVERAGE NUMBER OF RUNNING BALES, EXCLUDING LINTERS, GINNED PER ACTIVE ESTABLISHMENT, BY STATES: 1912 TO 1916.

STATE.	Growth year.	NUMBER OF GINNERIES.			Average number of running bales ginned per active establishment.
		Total.	Active.	Idle.	
United States	1916	25,999	21,624	4,375	526
	1915	26,721	23,162	3,559	478
	1914	27,339	24,547	2,792	648
	1913	27,649	24,749	2,900	567
	1912	28,358	25,279	3,079	535
Alabama	1916	2,927	2,221	706	249
	1915	3,132	2,753	379	373
	1914	3,233	2,975	258	582
	1913	3,252	2,989	263	498
	1912	3,417	3,130	287	426
Arkansas	1916	1,966	1,771	195	623
	1915	1,975	1,769	206	446
	1914	2,036	1,880	156	532
	1913	2,080	1,923	157	541
	1912	2,140	1,921	219	402
California	1916	19	19	.....	2,298
	1915	20	14	6	2,042
	1914	16	14	2	3,455
	1913	9	9	.....	2,490
	1912	10	8	2	992
Florida	1916	251	181	70	282
	1915	261	203	58	273
	1914	263	220	43	412
	1913	286	221	65	302
	1912	303	247	56	238
Georgia	1916	4,122	3,474	648	533
	1915	4,262	3,704	558	523
	1914	4,338	3,862	476	705
	1913	4,351	3,867	484	607
	1912	4,514	3,993	521	454
Louisiana	1916	1,435	1,099	336	401
	1915	1,437	1,086	351	310
	1914	1,489	1,187	302	381
	1913	1,525	1,198	327	365
	1912	1,599	1,132	467	332
Mississippi	1916	2,616	1,949	667	411
	1915	2,738	2,204	534	420
	1914	2,814	2,359	455	516
	1913	2,923	2,409	514	520
	1912	3,070	2,598	472	387
Missouri	1916	109	90	19	672
	1915	108	90	18	518
	1914	112	98	14	800
	1913	114	102	12	625
	1912	113	103	10	520
North Carolina	1916	2,812	2,380	432	291
	1915	2,874	2,514	360	293
	1914	2,938	2,625	313	370
	1913	2,988	2,715	273	308
	1912	3,066	2,810	256	323
Oklahoma	1916	1,094	957	137	850
	1915	1,117	965	152	645
	1914	1,143	1,062	81	1,161
	1913	1,151	1,035	116	834
	1912	1,153	1,051	102	977
South Carolina	1916	3,336	2,832	504	343
	1915	3,401	3,069	332	383
	1914	3,467	3,181	286	490
	1913	3,466	3,216	250	441
	1912	3,532	3,258	274	376
Tennessee	1916	621	543	81	696
	1915	624	562	62	527
	1914	627	575	52	647
	1913	639	565	74	649
	1912	666	584	82	458
Texas	1916	4,530	3,970	560	897
	1915	4,610	4,093	517	750
	1914	4,694	4,361	333	1,007
	1913	4,695	4,352	343	872
	1912	4,607	4,300	307	1,083
Virginia	1916	140	123	17	227
	1915	145	121	24	135
	1914	153	133	20	190
	1913	154	134	20	183
	1912	153	135	18	189
All other states [1]	1916	18	15	3	895
	1915	17	15	2	464
	1914	16	15	1	888
	1913	16	14	2	676
	1912	15	9	6	345

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

ACREAGE AND PRODUCTION.

Table 15 (p. 44) shows, for selected years, the cotton acreage harvested, together with the production of cotton. The estimated acreage planted in 1917 is also given.

According to the revised estimate of the Department of Agriculture, the area planted in cotton in 1916 was 36,052,000 acres, of which 1,067,000 acres, or 3 per cent, were abandoned, leaving 34,985,000 acres as the area from which the crop was harvested. The average production of lint per acre in 1916, as estimated by the Department of Agriculture, was 157 pounds, which compares with 170 pounds in 1915, 209 pounds in 1914, 182 pounds in 1913, and 191 pounds in 1912. The average yield per acre in Missouri in 1916 was 225 pounds, in North Carolina 215 pounds, in Arkansas 209 pounds, in Tennessee 206 pounds, and in California, where cotton is grown on irrigated land, 400 pounds. In Alabama, where the damage occasioned by the boll weevil and by storms was severe, the average was only 79 pounds, compared with 209 pounds in 1914. When conditions are favorable the yield of cotton in some localities approaches a bale to the acre. This is largely the result of improved cultural methods, which involve thorough preparation of the soil, the use of commercial fertilizers, rotation of cotton with leguminous crops, and frequent and intelligent cultivation. With the more general adoption of intensive farming there may be a large increase in production without any general extension of acreage.

The acreage and production of cotton in the United States from 1893 to 1916 is graphically presented in the following diagram:

DIAGRAM 1.—ACREAGE AND PRODUCTION OF COTTON IN THE UNITED STATES: 1893-1916.

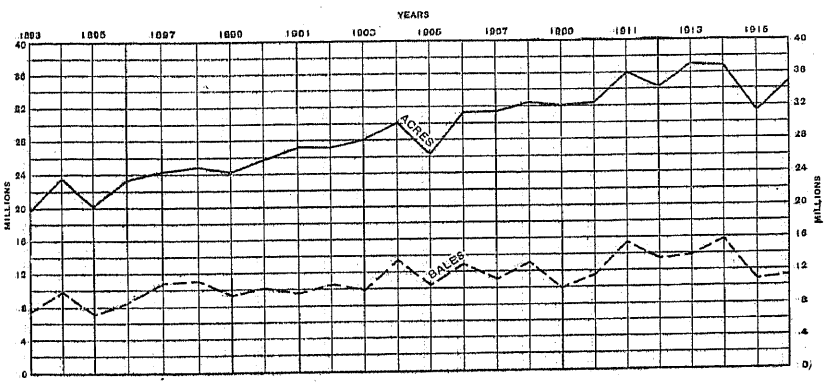


TABLE 15.—COTTON ACREAGE HARVESTED AND PRODUCTION, BY STATES, FOR SELECTED YEARS: 1839 TO 1917.

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

GROWTH YEAR.	United States.	Alabama.	Arkansas.	Florida.	Georgia.	Louisiana.	Mississippi.	Missouri.[1]	North Carolina.	Oklahoma.	South Carolina.	Tennessee.	Texas.	Virginia.
1917—Acres[2]	34,600,000	2,498,000	2,577,000	191,000	5,178,000	1,323,000	2,814,000	276,000	1,475,000	2,745,000	2,950,000	886,000	11,640,000	47,000
1916—Acres	34,985,000	3,225,000	2,600,000	191,000	5,277,000	1,250,000	3,110,000	210,000	1,451,000	2,562,000	2,780,000	887,000	11,400,000	42,000
Bales	11,363,915	552,679	1,102,671	50,979	1,852,104	441,121	800,190	117,550	693,672	813,419	970,702	378,064	3,562,789	27,975
1915—Acres	31,412,000	3,340,000	2,170,000	193,000	4,825,000	990,000	2,735,000	150,000	1,282,000	1,895,000	2,516,000	772,000	10,510,000	34,000
Bales	11,068,173	1,025,818	789,583	55,354	1,937,730	336,813	925,509	82,192	737,354	622,176	1,174,213	296,222	3,068,852	16,357
1914—Acres	36,832,000	4,007,000	2,480,000	221,000	5,433,000	1,299,000	3,054,000	212,000	1,527,000	2,847,000	2,861,000	915,000	11,931,000	45,000
Bales	15,905,840	1,731,751	999,237	90,648	2,723,094	452,261	1,217,883	140,109	970,479	1,232,638	1,560,195	372,068	4,390,200	25,277
1913—Acres	37,089,000	3,760,000	2,502,000	188,000	5,318,000	1,244,000	3,067,000	126,000	1,576,000	3,009,000	2,790,000	865,000	12,597,000	47,000
Bales	13,982,811	1,483,669	1,038,293	66,700	2,346,237	436,865	1,251,841	95,629	837,995	842,499	1,418,704	366,786	3,773,024	24,569
1912—Acres	34,283,000	3,730,000	1,991,000	224,000	5,335,000	929,000	2,889,000	112,000	1,545,000	2,665,000	2,695,000	783,000	11,338,000	47,000
Bales	13,488,539	1,328,297	770,937	58,833	1,812,778	374,793	1,004,376	64,573	906,351	1,005,109	1,224,245	267,439	4,645,309	25,499
1911—Acres	36,045,000	4,017,000	2,363,000	308,000	5,504,000	1,075,000	3,340,000	141,000	1,624,000	3,050,000	2,800,000	837,000	10,943,000	43,000
Bales	15,553,073	1,695,284	908,014	94,471	2,794,295	380,826	1,169,066	107,879	1,126,276	1,016,538	1,692,146	430,027	4,107,152	31,099
1910—Acres	32,403,000	3,560,000	2,238,000	257,000	4,873,000	975,000	3,317,000	109,000	1,478,000	2,204,000	2,534,000	765,000	10,060,000	33,000
Bales	11,568,334	1,192,179	798,156	67,172	1,812,178	246,788	1,212,104	68,694	753,087	919,842	1,210,968	321,103	2,949,968	16,095
1909—Acres	32,044,000	3,731,000	2,153,000	263,000	4,883,000	957,000	3,400,000	106,000	1,274,000	1,977,000	2,557,000	788,000	9,930,000	25,000
Bales	10,072,731	1,040,137	697,603	61,877	1,850,125	258,459	1,073,105	46,785	633,746	552,678	1,137,382	240,757	2,469,331	10,746
1908—Acres	32,444,000	3,591,000	2,296,000	265,000	4,848,000	1,550,000	3,395,000	87,000	1,458,000	2,311,000	2,545,000	754,000	9,316,000	28,000
Bales	13,086,005	1,332,003	996,093	70,598	1,977,050	466,543	1,620,325	60,025	683,628	689,345	1,215,848	334,084	3,627,350	13,113
1907—Acres	31,311,000	3,439,000	1,950,000	265,000	4,774,000	1,622,000	3,220,000	71,000	1,408,000	2,196,000	2,426,000	749,000	9,156,000	35,000
Bales	11,057,822	1,113,093	751,851	56,668	1,860,323	662,032	1,442,881	36,415	637,961	848,977	1,163,565	266,433	2,208,021	9,602
1906—Acres	31,374,000	3,658,000	2,097,000	283,000	4,610,000	1,739,000	3,408,000	91,000	1,374,000	1,981,000	2,359,000	814,000	8,894,000	36,000
Bales	12,983,201	1,241,133	894,268	61,473	1,632,703	955,473	1,483,408	53,684	611,258	871,961	912,602	293,023	3,957,619	14,596
1905—Acres	26,117,153	3,500,168	1,718,751	256,173	3,738,703	1,561,774	3,051,265	66,444	1,085,568	1,234,822	2,161,923	757,397	6,945,501	38,664
Bales	10,495,105	1,228,000	598,915	78,898	1,725,272	511,738	1,168,059	41,664	652,815	660,027	1,112,363	269,030	2,432,718	15,666
1904—Acres	30,053,739	3,611,731	2,051,185	267,372	4,227,188	1,745,865	3,632,458	79,403	1,306,968	1,315,663	2,531,875	881,341	8,355,491	47,199
Bales	13,451,337	1,451,362	901,223	87,525	1,962,890	1,083,883	1,774,464	51,434	749,712	796,382	1,192,926	320,317	3,062,203	17,216

1903—Acres	28,016,893	3,608,049	1,925,191	268,666	4,048,912	1,642,463	3,327,960	68,529	1,155,028	1,029,357	2,318,100	783,196	7,801,578	39,864
Bales	9,819,969	987,224	715,588	58,572	1,305,844	818,087	1,410,805	36,839	555,320	456,704	814,351	240,808	2,406,146	13,681
1902—Acres	27,114,103	3,501,614	1,901,758	253,961	3,863,542	1,617,586	3,183,989	61,830	1,075,743	1,017,090	2,205,016	754,600	7,640,531	36,843
Bales	10,588,250	965,518	949,101	67,287	1,475,834	866,911	1,423,395	42,289	567,530	530,709	948,005	307,102	2,427,994	16,575
1901—Acres	27,220,414	3,642,964	1,854,482	254,596	4,006,199	1,586,124	3,193,570	55,183	1,112,260	837,673	2,248,569	737,337	7,656,312	35,145
Bales	9,582,520	1,112,892	712,492	57,144	1,373,857	834,048	1,252,728	29,951	450,128	371,029	731,561	194,847	2,447,834	14,009
1900—Acres	25,758,139	3,403,746	1,742,787	235,451	3,783,015	1,480,781	3,194,795	50,173	1,091,034	709,006	2,195,252	662,612	7,178,915	30,572
Bales	10,102,102	1,028,640	801,034	55,696	1,256,901	705,061	1,037,029	27,130	508,302	346,237	779,849	215,375	3,329,015	11,833
1899—Acres	24,275,101	3,202,135	1,641,855	221,825	3,513,839	1,376,254	2,897,920	48,201	1,007,020	682,743	2,074,081	623,137	6,960,367	25,724
Bales	9,393,242	1,086,667	702,512	56,821	1,287,386	701,662	1,239,373	19,582	472,770	209,611	874,744	207,551	2,525,324	9,239
1898—Acres	24,967,295	3,003,176	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] Includes statistics for other cotton-producing localities not named; also for Oklahoma and Virginia in 1893 and for Oklahoma in 1884.
[2] The data for 1917 relates to acreage planted.
[3] Included with Missouri.
[4] The statistics of bales for 1849, 1859, and 1869 are in equivalent 400-pound bales, as expressed in the census reports for those years; those for 1839 are in equivalent bales of 383 pounds, net weight.

LOCALIZATION OF COTTON GINNING.

The cotton crop of 1916 was ginned in 875 counties, that of 1915 in 886, that of 1914 in 897, that of 1913 in 888, and that of 1912 in 877. In several instances there were counties in which the ginneries were active for one crop and idle for another, this fact accounting, in part, for the differences in the number of counties for the different crops. Table 16 gives the number of counties, by states, from which cotton ginning was reported, and classifies the counties according to the total quantities returned by the ginners.

TABLE 16.—COTTON-PRODUCING COUNTIES, CLASSIFIED ACCORDING TO QUANTITY OF COTTON GINNED, BY STATES: 1912 TO 1916.

STATE.	Growth year.	NUMBER OF COUNTIES GINNING—						
		Total.	Less than 5,000 bales.	5,000 to 10,000 bales.	10,000 to 15,000 bales.	15,000 to 25,000 bales.	25,000 to 40,000 bales.	40,000 bales and over.
United States	1916	875	326	156	122	149	79	43
	1915	886	308	164	124	175	79	36
	1914	897	245	117	112	179	159	85
	1913	888	265	143	117	174	127	62
	1912	877	264	145	129	173	109	57
Alabama	1916	66	27	16	13	9	1	.....
	1915	67	8	13	15	22	9	.....
	1914	67	4	2	7	19	28	7
	1913	67	3	7	7	23	24	3
	1912	67	3	6	13	22	20	3
Arkansas	1916	71	17	11	17	15	4	7
	1915	71	22	19	8	14	6	2
	1914	71	16	13	14	20	4	4
	1913	71	13	18	11	19	6	4
	1912	71	18	17	15	17	4	.....
Florida	1916	24	21	3	.....	.....	.....	.....
	1915	24	22	1	1	.....	.....	.....
	1914	24	17	6	.....	1	.....	.....
	1913	24	23	.....	.....	1	.....	.....
	1912	24	23	.....	.....	1	.....	.....
Georgia	1916	147	33	36	27	37	13	1
	1915	147	29	31	31	42	12	2
	1914	148	22	17	25	43	33	8
	1913	143	24	19	32	41	21	6
	1912	142	26	38	32	36	10	.....
Louisiana	1916	52	24	11	7	8	1	1
	1915	51	27	11	5	7	1	.....
	1914	53	25	7	11	8	2	.....
	1913	54	27	10	7	5	4	1
	1912	52	27	9	9	5	1	1
Mississippi	1916	78	54	8	4	3	3	6
	1915	78	35	16	9	9	5	4
	1914	78	31	10	11	12	8	6
	1913	77	29	9	13	12	8	6
	1912	76	27	10	13	17	3	6
Missouri	1916	11	8	1	.....	1	1	.....
	1915	11	8	1	1	1	.....	.....
	1914	11	8	.....	1	1	1	.....
	1913	11	8	1	.....	1	1	.....
	1912	10	7	1	1	.....	1	.....
North Carolina	1916	74	30	18	10	11	5	.....
	1915	74	30	19	8	11	5	1
	1914	73	23	17	12	7	12	2
	1913	75	27	21	9	8	9	1
	1912	75	27	18	10	8	11	1
Oklahoma	1916	60	15	7	11	18	9	.....
	1915	62	19	15	10	15	3	.....
	1914	66	18	5	4	16	16	7
	1913	63	15	9	14	16	8	1
	1912	63	17	5	9	20	10	2

TABLE 16.—COTTON-PRODUCING COUNTIES, CLASSIFIED ACCORDING TO QUANTITY OF COTTON GINNED, BY STATES: 1912 TO 1916—Continued.

STATE.	Growth year.	NUMBER OF COUNTIES GINNING—						
		Total.	Less than 5,000 bales.	5,000 to 10,000 bales.	10,000 to 15,000 bales.	15,000 to 25,000 bales.	25,000 to 40,000 bales.	40,000 bales. and over.
South Carolina	1916	45	4	4	8	17	8	4
	1915	44	3	3	5	11	17	5
	1914	44	.....	3	2	9	17	13
	1913	44	1	3	2	12	16	10
	1912	44	1	5	5	11	16	6
Tennessee	1916	34	15	6	4	3	5	1
	1915	34	16	5	6	6	.....	1
	1914	33	13	4	6	4	5	1
	1913	32	12	8	1	5	5	1
	1912	32	16	5	4	6	.....	1
Texas	1916	195	63	33	21	27	28	23
	1915	204	72	29	25	37	20	21
	1914	211	55	29	19	39	33	36
	1913	209	69	35	21	30	25	29
	1912	204	58	28	18	30	33	37
All other states	1916	18	15	2	.....	.....	1	.....
	1915	19	17	1	.....	.....	1	.....
	1914	18	13	4	.....	.....	.....	1
	1913	18	14	3	.....	1	.....	.....
	1912	17	14	3	.....	.....	.....	.....

Of the total number of counties reporting cotton ginned from the crop of 1916, 326 returned less than 5,000 equivalent 500-pound bales each, as compared with 308 from the crop of 1915 and 245 from the crop of 1914. For many of these counties the quantity of cotton reported is small, in some cases only one or two ginneries being operated in a county. There were 122 counties which reported more than 25,000 bales in 1916, of which 30 reported more than 50,000 bales each, 9 more than 75,000 bales each and 6—Bolivar and Coahoma Counties, Miss., and Ellis, Hill, McLennan, and Williamson Counties, Tex.,—more than 100,000 bales each. Williamson County, with 124,732 equivalent 500-pound bales, led all other counties in 1916 in the quantity of cotton ginned.

The counties reporting cotton ginned are indicated on the United States map on page 14, while on the state maps (pp. 137 to 144, inclusive) the counties ginning cotton are designated according to the production in 500-pound bales.

Table 54 shows the quantity of sea-island cotton ginned to December 13 and for the season, by counties, Table 55 gives similar data for sea-island and upland cotton combined, as well as the numbers of active and idle ginneries, and Table 56 presents statistics of cotton ginned to specified dates and throughout the season. Linters are not included in these tables.

CONSUMPTION AND STOCKS OF COTTON.

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

Table 17 presents comparative statistics for the United States for the years 1906 to 1917 and by states for 1913 to 1917 as to the number of cotton spindles, both total and active, the number of spindles consuming cotton mixed with other fibers, the quantities of domestic and foreign cotton and of linters consumed during the cotton year, and on hand in consuming establishments at the end of the year.

TABLE 17.—SPINDLES, RAW COTTON AND LINTERS CONSUMED, AND STOCKS HELD IN CONSUMING ESTABLISHMENTS: UNITED STATES, 1906 TO 1917, AND BY STATES, 1913 TO 1917.

[The statistics for 1915, 1916, and 1917 relate to the 12 months ending July 31, and those for prior years to the 12 months ending Aug. 31.]

STATE AND YEAR.	COTTON SPINDLES.		Spindles consuming cotton mixed with other fibers.	COTTON (EXCLUSIVE OF LINTERS).				LINTERS.	
	Total.	Active.		Consumed (bales).		Stocks in consuming establishments at end of year (bales).		Consumed (bales).	Stocks in consuming establishments at end of year (bales).
				Total.	Foreign.	Total.	Foreign.		
United States:									
1917	34,221,252	33,888,835	452,525	6,788,505	318,261	1,501,916	94,311	869,702	112,972
1916	33,333,176	32,805,883	405,000	6,397,613	316,995	1,632,245	142,518	880,916	100,441
1915	32,840,730	31,964,235	394,505	5,597,362	222,057	1,401,185	108,782	411,845	198,905
1914	32,744,012	32,107,572	414,058	5,577,408	194,309	675,873	64,149	307,325	75,346
1913	32,149,617	31,519,766	454,733	5,483,321	232,929	717,704	79,979	303,009	60,454
1912	31,582,679	30,578,528	500,206	5,129,346	207,663	818,024	84,776	238,237	52,622
1911	30,803,662	29,522,597	456,242	4,498,417	175,430	498,769	81,424	206,561	43,422
1910	28,929,093	28,266,862	.....	4,621,742	155,774	493,010	42,337	177,211	40,222
1909	28,573,435	28,018,305	558,792	5,091,534	161,738	868,909	65,563	149,185	38,188
1908	27,964,387	27,505,422	602,340	[1] 4,539,090	149,628	[1] 594,184	62,303	(1)	(1)
1907	26,939,415	26,375,191	651,251	[1] 4,984,936	140,368	[1] 1,016,738	79,820	(1)	(1)
1906	25,811,681	25,250,096	.....	[1] 4,909,279	138,475	[1] 680,471	40,118	(1)	(1)
Alabama:									
1917	1,136,786	1,136,786	.....	390,956	.....	64,570	.....	13,451	950
1916	1,126,846	1,111,660	.....	346,233	48	70,740	.....	6,032	1,076
1915	1,075,859	1,028,036	.....	297,277	48	59,631	48	4,268	672
1914	1,058,685	1,029,100	.....	287,335	239	17,433	93	6,027	1,328
1913	1,000,080	993,580	.....	294,420	298	23,106	27	5,504	753
Connecticut:									
1917	1,372,860	1,343,916	40,129	145,524	16,871	60,895	5,204	16,363	3,720
1916	1,362,186	1,343,573	38,648	144,582	19,827	64,539	10,340	28,661	3,285
1915	1,335,282	1,319,926	44,768	132,701	18,416	47,142	10,330	22,375	21,141
1914	1,340,482	1,317,203	45,708	134,839	15,618	36,036	7,412	17,015	8,105
1913	1,308,650	1,276,832	45,998	126,948	21,723	39,165	7,584	18,529	7,761
Georgia:									
1917	2,422,810	2,398,114	6,360	907,015	17,549	145,949	6,210	23,075	7,549
1916	2,275,929	2,259,855	6,360	797,789	8,534	178,675	9,177	17,602	2,536
1915	2,178,573	2,148,133	11,610	659,853	5,566	160,280	3,993	13,373	5,092
1914	2,160,571	2,130,840	11,610	632,332	2,907	33,934	1,523	18,340	4,334
1913	2,103,018	2,071,910	11,610	631,081	3,388	37,853	2,172	17,050	3,840
Illinois:									
1917	62,168	55,893	6,280	14,226	524	3,742	247	9,402	2,218
1916	58,168	56,568	1,069	13,007	93	4,715	22	10,070	1,378
1915	58,168	56,568	1,069	11,010	88	3,405	37	27,467	4,891
1914	58,168	56,568	1,069	10,938	71	1,322	30	23,021	4,584
1913	52,824	50,957	3,000	10,205	46	1,425	13	26,886	2,179

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

TABLE 17.—SPINDLES, RAW COTTON AND LINTERS CONSUMED, AND STOCKS HELD IN CONSUMING ESTABLISHMENTS: UNITED STATES, 1906 TO 1917, AND BY STATES, 1913 TO 1917—Continued.

STATE AND YEAR.	COTTON SPINDLES.		Spindles consuming cotton mixed with other fibers.	COTTON (EXCLUSIVE OF LINTERS).				LINTERS.	
	Total.	Active.		Consumed (bales).		Stocks in consuming establishments at end of year (bales).		Consumed (bales).	Stocks in consuming establishments at end of year (bales).
				Total.	Foreign.	Total.	Foreign.		
Indiana:									
1917	85,576	80,756	6,666	17,940	11	4,072	.....	6,457	771
1916	88,668	86,044	6,880	18,509	40	4,672	11	7,200	1,050
1915	94,032	85,816	6,695	18,969	64	7,069	51	8,973	3,661
1914	94,032	86,032	6,461	16,941	76	2,279	29	5,850	1,140
1913	94,032	90,032	5,649	17,350	60	3,927	12	5,878	719
Kentucky:									
1917	91,244	91,244	.....	23,231	.....	4,896	.....	2,039	2,841
1916	87,944	87,944	.....	25,569	.....	7,429	.....	873	165
1915	93,828	93,828	.....	25,498	.....	7,830	.....	4,188	2,332
1914	97,759	97,759	.....	24,657	.....	2,724	.....	2,844	803
1913	96,140	94,936	.....	24,453	.....	2,545	.....	2,257	691
Louisiana:									
1917	93,408	93,408	.....	35,361	.....	634	.....	414	55
1916	79,563	59,563	.....	30,508	.....	1,201	.....	630	26
1915	79,763	56,195	.....	26,753	.....	171	.....	1,822	222
1914	86,095	38,764	.....	15,992	.....	221	.....	2,324	337
1913	86,095	36,683	.....	13,545	.....	70	.....	2,500	250
Maine:									
1917	1,099,278	1,097,536	12,570	187,150	4,993	61,578	2,611	154	42
1916	1,108,790	1,090,006	12,868	193,534	4,783	62,945	3,278	179	36
1915	1,104,209	1,079,503	10,628	176,088	3,456	53,018	2,715	168	21
1914	1,117,228	1,112,716	13,504	181,262	2,930	27,173	1,692	61	12
1913	1,096,986	1,078,394	11,952	175,240	2,497	27,758	1,187	31	11
Maryland:									
1917	147,764	146,920	9,000	81,161	14	8,743	1	1,371	156
1916	151,904	147,009	9,000	85,514	11	6,488	1	883	1,177
1915	157,380	142,113	.....	69,917	5	7,280	1	1,441	212
1914	166,240	155,968	9,000	65,257	.....	4,333	.....	1,271	214
1913	162,288	154,215	9,000	72,496	.....	4,446	.....	1,093	162
Massachusetts:									
1917	11,280,351	11,096,275	85,094	1,459,209	171,779	429,596	31,588	32,285	5,025
1916	11,104,810	10,896,774	61,324	1,462,888	188,591	464,925	54,615	58,960	8,899
1915	10,914,087	10,635,001	45,860	1,282,937	118,082	401,497	50,238	20,583	16,138
1914	11,046,990	10,885,303	36,960	1,347,778	95,297	229,734	24,512	9,359	2,026
1913	11,075,684	10,904,016	53,456	1,324,955	131,226	248,701	40,734	7,957	1,356
Mississippi:									
1917	167,604	144,882	.....	38,647	.....	4,369	.....	(1)	(1)
1916	166,984	128,794	.....	35,542	.....	5,528	.....	(1)	(1)
1915	184,636	124,658	.....	32,386	.....	3,263	.....	(1)	(1)
1914	190,216	137,568	.....	30,855	.....	1,387	.....	991	286
1913	192,306	133,788	.....	31,993	.....	1,431	.....	1,299	36
New Hampshire:									
1917	1,459,853	1,445,760	38,737	317,881	16,425	89,991	5,648	.....	.....
1916	1,465,013	1,455,282	34,540	294,666	12,509	96,908	6,490	.....	.....
1915	1,468,399	1,456,749	30,128	297,040	14,348	97,856	3,742	.....	.....
1914	1,466,580	1,454,144	32,032	300,881	14,913	64,288	4,118	.....	.....
1913	1,469,137	1,458,115	28,728	305,862	10,232	58,412	5,205	5	.....
New Jersey:									
1917	491,843	489,817	7,168	54,111	15,325	21,179	8,680	65,881	3,580
1916	482,831	479,873	5,520	62,664	20,074	24,167	14,965	54,488	10,447
1915	481,255	465,003	5,520	57,004	17,360	19,918	8,721	21,473	11,186
1914	477,779	469,835	10,326	57,380	17,932	17,558	11,384	16,030	3,753
1913	476,731	476,731	10,326	57,788	18,809	16,474	9,783	7,124	538
New York:									
1917	938,158	930,493	60,435	238,081	4,048	62,652	894	8,159	1,529
1916	913,979	906,911	59,740	238,748	3,680	69,962	1,697	18,532	1,264
1915	963,748	888,093	65,915	205,938	3,046	73,095	2,137	22,965	4,285
1914	967,578	930,905	61,307	211,458	4,096	23,453	1,059	19,377	3,029
1913	956,595	922,341	60,907	210,346	3,027	21,519	302	17,467	1,487
North Carolina:									
1917	4,375,283	4,368,121	7,244	1,209,670	6,774	184,570	1,188	2,659	268
1916	4,053,206	3,988,098	6,204	1,067,288	6,138	208,941	2,519	6,272	290
1915	3,915,842	3,823,298	7,484	910,154	7,483	157,702	1,962	3,758	567
1914	3,813,940	3,770,316	5,400	906,177	7,814	72,507	1,894	3,854	577
1913	3,593,999	3,565,261	5,360	869,915	8,528	68,577	2,339	6,444	998
Pennsylvania:									
1917	256,314	249,270	95,307	53,156	4,124	12,429	861	37,030	7,056
1916	256,913	249,053	97,572	49,203	5,459	12,271	1,568	41,448	5,789
1915	259,965	245,515	105,853	44,891	4,662	10,421	1,426	26,792	8,222
1914	252,685	244,029	111,220	48,727	4,507	6,123	562	25,244	5,393
1913	249,857	242,053	140,665	52,177	4,017	5,902	444	24,402	4,956

[1] Included in "All other states," to avoid disclosing the operations of individual establishment.

TABLE 17.—SPINDLES, RAW COTTON AND LINTERS CONSUMED, AND STOCKS HELD IN CONSUMING ESTABLISHMENTS: UNITED STATES, 1906 TO 1917, AND BY STATES, 1913 TO 1917—Continued.

STATE AND YEAR.	COTTON SPINDLES.		Spindles consuming cotton mixed with other fibers.	COTTON (EXCLUSIVE OF LINTERS).				LINTERS.	
	Total.	Active.		Consumed (bales).		Stocks in consuming establishments at end of year (bales).		Consumed (bales).	Stocks in consuming establishments at end of year (bales).
				Total.	Foreign.	Total.	Foreign.		
Rhode Island:									
1917	2,653,397	2,641,617	1,440	291,063	55,954	121,801	29,857	(1)	(1)
1916	2,611,553	2,552,765	1,440	279,233	45,219	126,713	37,241	(1)	(1)
1915	2,567,644	2,473,132	1,440	248,242	27,167	93,720	22,644	4,696	3,297
1914	2,574,942	2,512,702	1,440	241,443	24,447	62,543	8,968	5,409	2,132
1913	2,533,380	2,464,790	3,340	233,006	25,364	66,366	8,786	6,054	1,466
South Carolina:									
1917	4,851,161	4,851,161	3,080	962,566	.....	147,200	.....	3,326	508
1916	4,743,193	4,735,193	3,080	914,532	26	152,702	.....	4,706	387
1915	4,710,826	4,683,578	1,980	811,564	211	125,195	85	6,185	382
1914	4,632,204	4,583,712	4,688	794,678	1,293	49,523	99	5,501	410
1913	4,536,353	4,469,886	1,400	769,905	2,092	59,246	1,099	5,946	742
Tennessee:									
1917	350,352	349,548	20,927	108,782	72	20,719	40	25,722	2,567
1916	319,148	319,148	17,357	98,707	80	19,613	21	25,566	2,353
1915	322,052	316,104	14,965	83,330	99	24,971	6	14,334	1,503
1914	296,620	293,010	17,325	79,590	53	7,665	4	8,116	1,678
1913	271,634	269,102	19,904	74,320	8	9,860	.....	7,470	1,420
Texas:									
1917	128,112	127,888	.....	63,235	48	8,706	.....	16,350	2,677
1916	128,762	116,012	.....	59,181	118	9,586	.....	9,705	908
1915	124,848	113,052	.....	50,813	.....	9,869	.....	11,867	2,061
1914	124,628	112,408	.....	47,162	.....	2,689	.....	16,033	3,939
1913	123,908	110,320	.....	40,585	.....	3,957	.....	17,769	1,832
Vermont:									
1917	135,864	135,864	11,284	13,545	1,052	5,200	119	.....	.....
1916	135,864	135,864	11,224	13,823	901	5,160	294	.....	.....
1915	136,304	136,304	10,012	12,390	1,138	4,094	337	.....	.....
1914	136,304	126,304	10,584	12,994	1,167	1,329	200	.....	.....
1913	136,304	129,304	10,648	12,226	1,122	1,367	168	.....	.....
Virginia:									
1917	528,394	520,894	1,038	110,964	.....	20,381	.....	(1)	(1)
1916	516,166	506,166	1,038	112,396	1	23,518	.....	(1)	(1)
1915	513,434	503,434	1,038	97,714	.....	17,731	.....	(1)	(1)
1914	477,886	473,386	1,044	85,566	.....	5,504	.....	6,589	175
1913	426,920	426,920	1,044	88,544	.....	9,249	.....	6,520	654
All other states:									
1917	92,672	92,672	39,766	65,031	2,698	15,044	1,163	605,564	71,460
1916	94,756	93,728	31,136	53,497	863	10,847	279	589,109	59,375
1915	100,596	90,196	29,540	44,893	818	16,027	309	195,117	112,960
1914	106,400	89,000	34,380	43,166	949	6,115	570	114,069	31,091
1913	106,696	99,600	31,746	45,961	492	6,348	124	114,824	28,603

[1] Included in "All other states," to avoid disclosing the operations of individual establishments.

SPINDLES.

The term "cotton spindles" is applied only to those spindles which were used exclusively for spinning cotton fiber, including waste and linters, and covers all such spindles, regardless of the character of the establishments in which located. Obviously it does not cover those which consumed cotton mixed with other fibers. The total number of cotton spindles returned for the United States was 34,221,252. The number operated during the year ending July 31, 1917, as shown in Table 17, was 33,888,835, or 1,082,952 more than the number for the previous year. There were 332,417 spindles returned as idle—that is, as having consumed no cotton whatever during the year. This number compares with 527,293 in 1916, 876,495 in 1915, 636,440 in 1914, and 1,004,151 in 1912. Of the idle cotton spindles reported in 1917, 53,150 were in plants not operated during the year and 279,267 in mills which consumed some cotton. The number of idle spindles included a small number of new spindles which had been installed before the close of the year, but which had not been brought into service.

In the total number of cotton spindles Massachusetts exceeds every other state, having 11,280,351, or 33 per cent of the total for the United States, in 1917; South Carolina ranks second, with 4,851,161, or 14.2 per cent; North Carolina third, with 4,375,283, or 12.8 per cent; Rhode Island fourth, Georgia fifth, New Hampshire sixth, Connecticut seventh, Alabama eighth, and Maine ninth. No other state reported as many as a million spindles. The states showing the largest net gains during the year were North Carolina, Massachusetts, Georgia, and South Carolina, in the order named.

In addition to the spindles designed primarily to spin cotton, 452,525 spindles were returned as having consumed during the year raw cotton mixed with other fibers. The corresponding numbers for previous years were 405,000 in 1916, 394,505 in 1915, 414,058 in 1914, and 454,733 in 1913. The variation in the number of spindles so used is due to the fact that, in some establishments, spindles employed during one year in spinning cotton mixed with some other fiber use no raw cotton whatever during another year. Attention is also called to the fact that a few establishments did not report the number of spindles of this character, stating that the data were not available. The states reporting the largest numbers of spindles that consumed raw cotton mixed with other fibers are those which led in the manufacture of woolen goods and hosiery and knit goods. Of the total number of such spindles reported, 95,307, or 21.1 per cent, were returned from Pennsylvania, 85,094 from Massachusetts, 60,435 New York, and 40,129 from Connecticut.

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

TABLE 18.—COUNTIES IN THE UNITED STATES HAVING MORE THAN 100,000 COTTON SPINDLES EACH, ARRANGED IN ORDER OF NUMBER OF SPINDLES: 1917.

COUNTY.	Spindles (number).	COUNTY.	Spindles (number).	COUNTY.	Spindles (number).
Bristol, Mass	7,294,221	Cabarrus, N. C	315,810	Alamance, N. C	153,176
Providence, R. I	1,709,713	Mecklenburg, N. C	272,198	Knox, Tenn	152,100
Middlesex, Mass	1,082,752	Guilford, N. C	262,862	Lancaster, S. C	151,768
Hillsborough, N. H	907,245	Richland, S. C	244,660	Richmond, N. C	149,748
Spartanburg, S. C	831,476	Essex, N. J	232,291	Chester, S. C	146,692
Windham, Conn	780,232	Albany, N. Y	226,564	Stanley, N. C	146,000
Worcester, Mass	766,110	Madison, Ala	225,168	Rutherford, N. C	143,400
Greenville, S. C	758,144	Greenwood, S. C	217,744	Calhoun, Ala	138,048
Essex, Mass	645,020	Pickens, S. C	211,320	Troup, Ga	136,204
Hampden, Mass	642,096	Bristol, R. I	210,488	Floyd, Ga	126,264
Gaston, N. C	603,102	Hampshire, Mass	198,792	Cleveland, N. C	125,182
Kent, R. I	594,380	York, S. C	198,404	Cumberland, Me	124,392
Anderson, S. C	582,464	Fulton, Ga	198,016	Spalding, Ga	121,252
Berkshire, Mass	521,408	Aiken, S. C	193,989	Talladega, Ala	115,448
New London, Conn	512,170	Laurens, S. C	193,312	Philadelphia, Pa	114,547
Oneida, N. Y	419,255	Richmond, Ga	192,914	Merrimack, N. H	113,316
York, Me	408,600	Rockingham, N. C	191,810	Davidson, N. C	110,564
Androscoggin, Me	402,471	Durham, N. C	172,532	Baltimore City, Md	106,008
Muscogee, Ga	346,740	Newberry, S. C	168,040	Halifax, N. C	104,116
Pittsylvania, Va	346,320	Chambers, Ala	164,000	Hall, Ga	102,588
Union, S. C	330,656	Cherokee, S. C	163,820		
Strafford, N. H	318,160	Kennebec, Me	163,815		

In the 64 counties in the United States which had more than 100,000 cotton spindles each, the total number of such spindles was 28,002,097, or 81.8 per cent of the aggregate for the country. Of these counties 3, with a total of 10,086,686 spindles, or 29.5 per cent of the aggregate for the United States, had more than 1,000,000 spindles each; 12, with 8,143,847, or 23.8 per cent of the aggregate, 500,000 but less than 1,000,000 each; 17, with 4,991,307, or 14.6 per cent of the aggregate, 200,000 but less than 500,000 each; and 32, with 4,780,257, or 13.9 per cent of the aggregate, 100,000 but less than 200,000 each. Of the 64 counties, 14 are in South Carolina, 13 in North

Carolina, 7 each in Georgia and Massachusetts, 4 each in Alabama and Maine, 3 each in New Hampshire and Rhode Island, 2 each in Connecticut and New York, and 1 each in Maryland, New Jersey, Pennsylvania, Tennessee, and Virginia.

Bristol County, Massachusetts, with 7,294,221 cotton spindles, led all other counties, having 64.7 per cent of the total spindle capacity for Massachusetts, 40.5 per cent of the total for New England, and 21.3 per cent of the total for the United States. The industry was established in this county at an early date, and it has long maintained a leading position. Fall River, the most important city in the United States from a cotton-manufacturing standpoint, is located in this county, as well as the cities of New Bedford and Taunton, and a number of towns engaged largely in the manufacture of cotton. Providence County, Rhode Island, with 1,709,713 cotton spindles, held second place, and Middlesex County, Massachusetts, with 1,082,752 cotton spindles, third. In the Southern states, Anderson, Greenville, and Spartanburg Counties, in the western part of South Carolina, and Gaston County, in North Carolina, are the only ones with more than 500,000 cotton spindles each, Spartanburg County having the largest number, 831,476. In Virginia, Pittsylvania County, with 346,320 spindles, ranked first; in Georgia, Muscogee County, with 346,740; in Alabama, Madison County, with 225,168; and in Tennessee, Knox County, with 152,100.

The relative standing of any county in the cotton-manufacturing industry as a whole depends largely upon whether the factories are devoted to spinning only, or to both spinning and weaving. In some counties the mills make a specialty of spinning yarn which is used elsewhere, while in others practically all the yarn spun is used in the county, and in still others the operations are largely confined to weaving and otherwise using yarns spun elsewhere.

Ring and mule spindles.—Table 19 shows, by states, the number of active ring and mule cotton spindles in the United States in 1904, 1909, 1914, 1915, 1916, and 1917.

TABLE 19.—NUMBER OF ACTIVE RING AND MULE COTTON SPINDLES, BY STATES, FOR SPECIFIED YEARS: 1904 TO 1917.

STATE.	NUMBER OF ACTIVE COTTON SPINDLES.						
	1917			1916		1915	
	Total.	Ring.	Mule.	Ring.	Mule.	Ring.	Mule.
United States	33,888,835	30,264,074	3,624,761	29,094,263	3,711,620	28,122,792	3,841,443
Alabama	1,136,786	1,129,066	7,720	1,105,060	6,600	1,021,436	6,600
Connecticut	1,343,916	943,098	400,818	934,999	408,574	902,666	417,260
Georgia	2,398,114	2,342,914	55,200	2,211,431	48,424	2,101,253	46,880
Illinois	55,893	42,293	13,600	42,168	14,400	42,168	14,400
Indiana	80,756	80,756	.....	86,044	.....	85,816	.....
Kentucky	91,244	74,724	16,520	71,424	16,520	77,308	16,520
Louisiana	93,408	91,132	2,276	57,307	2,256	53,939	2,256
Maine	1,097,536	1,019,601	77,935	1,012,807	77,199	906,639	82,864
Maryland	146,920	146,920	.....	147,009	.....	142,113	.....
Massachusetts	11,096,275	9,341,548	1,754,727	9,109,308	1,787,466	8,757,082	1,877,919
Mississippi	144,882	144,882	.....	128,794	.....	124,658	.....
Missouri	31,840	31,480	360	31,480	440	31,896	440
New Hampshire	1,445,760	1,422,752	23,008	1,419,274	36,008	1,419,589	37,160
New Jersey	489,817	209,418	280,399	202,210	277,663	192,311	272,692
New York	930,493	792,787	137,706	765,682	141,229	711,440	176,653
North Carolina	4,368,121	4,297,869	70,252	3,918,392	69,706	3,751,890	71,408
Pennsylvania	249,270	144,344	104,926	143,752	105,301	143,558	101,957
Rhode Island	2,641,617	1,996,413	645,204	1,870,061	682,704	1,812,568	660,564
South Carolina	4,851,161	4,844,301	6,860	4,728,433	6,700	4,657,046	26,532
Tennessee	349,548	339,548	10,000	309,148	10,000	306,104	10,000
Texas	127,888	127,888	.....	116,012	.....	113,052	.....
Vermont	135,864	125,664	10,200	125,664	10,200	126,104	10,200
Virginia	520,894	513,844	7,050	495,996	10,170	494,776	8,658
All other states	60,832	60,832	.....	61,808	.....	57,380	480

TABLE 19.—NUMBER OF ACTIVE RING AND MULE COTTON SPINDLES, BY STATES, FOR SPECIFIED YEARS: 1904 TO 1917—Continued.

STATE.	NUMBER OF ACTIVE COTTON SPINDLES.					
	1914		1909 [1]		1904	
	Ring.	Mule.	Ring.	Mule.	Ring.	Mule.
United States	28,016,390	4,091,182	23,256,023	4,922,839	18,218,800	5,453,264
Alabama	1,022,500	6,600	909,587	3,916	765,727	7,000
Connecticut	898,701	418,502	832,830	446,586	715,739	492,976
Georgia	2,079,010	51,830	1,703,071	71,896	1,254,885	76,672
Illinois	42,168	14,400	23,240	16,000	16,000	16,000
Indiana	86,032	.....	115,152	8,952	104,424	24,868
Kentucky	82,351	15,408	68,124	16,920	57,572	23,820
Louisiana	36,508	2,256	63,696	4,806	56,552	5,500
Maine	1,026,012	86,704	867,364	161,316	673,698	223,724
Maryland	155,968	.....	133,302	.....	136,456	.....
Massachusetts	8,899,607	1,985,696	7,480,902	2,156,699	6,177,227	2,412,444
Mississippi	137,568	.....	159,104	800	128,852	.....
Missouri	31,480	440	30,304	440	14,101	.....
New Hampshire	1,395,912	58,232	1,169,850	156,050	1,033,721	270,755
New Jersey	190,363	279,472	107,381	313,403	87,960	348,804
New York	739,642	191,263	547,512	415,329	364,304	425,216
North Carolina	3,702,280	68,036	2,886,453	71,782	1,836,315	80,024
Pennsylvania	142,440	101,589	139,002	139,245	146,396	134,511
Rhode Island	1,732,798	779,904	1,496,434	875,343	1,236,564	850,238
South Carolina	4,580,352	3,360	3,732,063	28,828	2,860,884	15,912
Tennessee	283,010	10,000	237,530	10,000	153,903	10,000
Texas	112,408	.....	97,628	.....	68,170	.....
Vermont	116,104	10,200	75,872	15,840	80,312	27,716
Virginia	466,336	7,050	316,970	7,572	194,006	7,084
All other states	56,840	240	63,192	1,116	55,032	.....

[1] In this table the figures for 1909 relate to the calendar year, whereas in Table 17 they relate to the year ending Aug. 31.

Of the 33,888,835 active cotton spindles in the United States reported for 1917 only 3,624,761, or 10.7 per cent, were mule spindles. This compares with 3,711,620, or 11.3 per cent of the total in 1916, 3,841,443, or 12 per cent, in 1915; 4,091,182, or 12.7 per cent, in 1914; 4,922,839, or 17.5 per cent, in 1909; and 5,453,264, or 23 per cent, in 1904, showing a continuous decrease not only in the actual number, but also, and to a greater degree, in the proportion. The tendency to displace mule spindles with frame shows no diminution, as during the past year a number of establishments have followed this practice. Because of the ease with which ring spindles can be operated, manufacturers use frames rather than mules whenever it is practicable. In fact, new mules are seldom installed, except when fine filling yarns, soft-twisted knitting yarns, or very coarse yarns made from short staple cotton or waste are to be spun.

The use of mule spindles is confined largely to the New England states, which reported 80.3 per cent of the total number for the country in 1917, most of the remainder being in New York and New Jersey, and only 69,727 being returned for the cotton-growing states. Since some yarns requiring special qualities can not be made satisfactorily by the use of ring spindles, there will always be a demand for mule spindles unless difficulties heretofore met with in the use of ring spindles can be overcome.

COTTON CONSUMED.

The statistics for cotton consumed, presented in Table 17, cover all establishments which use raw cotton. The figures are expressed in running bales, except that round bales are counted as half bales and that foreign cotton has been reduced to equivalent 500-pound bales. The quantity of cotton consumed in the United States during

the year ending July 31, 1917, was 6,788,505 bales, compared with 6,397,613 bales in 1916; 5,597,362 bales in 1915; and 5,577,408 bales in 1914. It is the largest amount ever consumed in a single year, being 390,892 bales greater than that in 1916, the next largest.

Massachusetts, with 1,459,209 bales, leads all the other states in the quantity of cotton consumed; North Carolina, with 1,209,670 bales, is second; South Carolina, with 962,566 bales, third; and Georgia, with 907,015 bales, fourth. The largest actual increase in the annual consumption of cotton shown for the period covered by the table is in the cotton-growing states. The consumption in North Carolina increased from 1,067,288 bales to 1,209,670 bales, or 13.3 per cent; in South Carolina, from 914,532 bales to 962,566 bales, or 5.3 per cent; and in Georgia, from 797,789 bales to 907,015 bales, or 13.7 per cent.

Kinds of cotton used.—The statistics as to raw cotton consumed and stocks held in manufacturing establishments for 1914, 1915, 1916, and 1917, which are presented in Table 17, are shown only as domestic and foreign cotton. In Table 20 the statistics are further segregated, so as to show the consumption of the different kinds and the amount of each kind held in consuming establishments. The table also shows the amount for the group of "Cotton-growing states" and the group of "All other states."

TABLE 20.—QUANTITY OF THE SEVERAL KINDS OF RAW COTTON CONSUMED AND OF STOCKS HELD IN CONSUMING ESTABLISHMENTS: 1914, 1915, 1916, AND 1917.

[Quantities are given in running bales, except that round bales are counted as half bales and foreign cotton in equivalent 500-pound bales. Linters are not included. The statistics for 1915, 1916, and 1917 relate to the 12 months ending July 31 and those for 1914 to the 12 months ending Aug. 31.]

KIND AND LOCALITY.	RAW COTTON CONSUMED DURING YEAR (BALES).				STOCKS HELD IN CONSUMING ESTABLISHMENTS AT END OF YEAR (BALES).			
	1917	1916	1915	1414	1917	1916	1915	1914
United States	6,788,505	6,397,613	5,597,362	5,577,408	1,501,916	1,632,245	1,401,185	675,873
Domestic:								
Upland	6,375,953	5,997,973	5,295,911	5,301,426	1,371,123	1,462,273	1,267,484	593,294
Sea-island	94,291	82,645	79,394	81,673	36,482	27,454	24,919	18,430
Foreign:								
Egyptian	259,160	269,324	181,211	151,091	75,250	123,406	96,828	51,787
Peruvian	12,800	10,886	10,529	13,003	1,965	1,809	1,739	1,609
Chinese	42,612	32,347	26,501	25,411	15,188	16,147	8,903	9,420
Other	3,689	4,438	3,816	4,804	1,908	1,156	1,312	1,333
Cotton-growing states	3,888,348	3,527,528	3,026,969	2,925,294	609,090	684,654	577,201	195,490
Domestic:								
Upland	3,836,749	3,488,816	2,996,180	2,898,015	594,820	667,787	567,364	189,869
Sea-island	26,724	23,574	17,133	14,966	6,568	5,093	3,658	2,003
Foreign:								
Egyptian	18,022	9,394	7,794	6,921	6,210	9,749	4,463	2,048
Peruvian	.....	1	153	74	.....	.....	.....	100
Chinese	6,805	5,618	5,648	4,646	1,492	2,025	1,710	1,470
Other	48	125	61	672	.....	.....	6	.....
All other states	2,900,157	2,870,085	2,570,393	2,652,114	892,826	947,591	823,984	480,383
Domestic:								
Upland	2,539,204	2,509,157	2,299,731	2,403,411	776,303	794,486	700,120	403,425
Sea-island	67,567	59,071	62,261	66,707	29,914	22,361	21,261	16,427
Foreign:								
Egyptian	241,138	259,930	173,417	144,170	69,040	113,657	92,365	49,739
Peruvian	12,800	10,885	10,376	12,929	1,965	1,809	1,739	1,509
Chinese	35,807	26,729	20,853	20,765	13,696	14,122	7,193	7,950
Other	3,641	4,313	3,755	4,132	1,908	1,156	1,306	1,333

Of the total consumption of cotton in the United States during the year ending July 31, 1917, 6,375,953 bales were upland, 94,291 sea-island, and 318,261 foreign. In the cotton-growing states the consumption was 3,888,348 bales, and in all other

states 2,900,157 bales, 1917 being the sixth consecutive year in which the consumption in the cotton-growing states has exceeded that in all other states.

Nearly all of the cotton consumed in the United States is domestic upland cotton. The term "upland" is applied to all cotton produced in this country, except sea-island cotton, and includes the long-staple upland varieties, which constitute a larger proportion than formerly. The manufacturers in the cotton-growing states use very little sea-island or foreign cotton, having consumed only 51,599 bales of both kinds combined in 1917. In all other states the consumption of foreign cotton amounted to 293,386 bales, and of sea-island to 67,567 bales. More than one-half of the sea-island cotton consumed in the United States was reported from Massachusetts and Rhode Island. North Carolina, Connecticut, Georgia, and South Carolina follow in the order of quantity used. Establishments engaged in the manufacture of thread and of automobile tires and those which spin yarns designed for these purposes report the largest consumption of this kind of cotton.

A very large proportion of the foreign cotton consumed in the United States is Egyptian. In this country it is used principally for mercerizing and for other processes that give a high finish to cloth; in the manufacture, without dyeing, of Balbriggan underwear and lace curtains in which the ecru shade is desired; for automobile tires; and in the manufacture of sewing thread and other similar articles which require a long fiber of great strength. Egyptian cotton is said to be freer from trash and short fibers than American cotton, and for this reason to yield less waste in combing and carding. Rough Peruvian cotton is used to some extent for mixing with wool in the making of wool textiles, while Chinese and Indian cotton are used to a very limited but growing extent for mixing with the American upland cotton in the manufacture of the cheaper grades of goods.

LINTERS CONSUMED.

"Linters," the short fiber obtained by the cottonseed-oil mills from reginning cotton seed enters into many lines of manufacture in which otherwise it would be necessary to use cotton. It is used in upholstering and in the manufacture of mattresses, comforts, batting, cushions, wadding, and pads; for making low-grade yarns, wrapping twine, cheap rope, and lamp and candle wicks; for making absorbent cotton; and in the manufacture of guncotton, niter powder, artificial leather, and writing paper. In the United States, prior to the European war, the greatest quantity was consumed in the manufacture of felts and batting. The demand for explosives within the last three years has resulted in greatly increasing the quantity of linters used in the manufacture of guncotton and smokeless powder. According to Table 17, the quantity of linters consumed in 1917 was 869,702 bales, as compared with 880,916 bales in 1916, 411,845 bales in 1915, 307,325 bales in 1914, and 303,009 bales in 1913.

GROWTH OF THE COTTON INDUSTRY SINCE 1840.

Table 21 shows the production and consumption of cotton and linters in the United States and the number of active cotton spindles for specified years from 1840 to 1917.

These statistics of consumption and active spindles are a measure of the growth of cotton manufacturing. Since 1890 the number of spindles in the United States has more than doubled, while the quantity of cotton and linters consumed in 1917 was the largest returned for a single year, being 7,658,207 bales, slightly more than three times that for 1890.

The most significant fact brought out by this table is the rapid growth of the industry in the cotton-growing states. In 1880 there were only 561,360 active cotton spindles in these states, and the quantity of cotton consumed was 188,748 bales. In 1917, 14,155,758 spindles were operated and the quantity of cotton and linters consumed was 4,335,007 bales. Between 1900 and 1917 the consumption in these states increased

184.6 per cent, while in the New England states it increased 39 per cent, and in all other states 51.9 per cent. The consumption in 1900 in the cotton-growing states amounted to 39.3 per cent of the total for the country, compared with 49.3 per cent for the New England states and 11.4 per cent for all other states. For the year ending July 31, 1917, the consumption in the cotton-growing states formed 56.6 per cent of the total for the country; that in the New England states 34.7 per cent, and that in all other states 8.7 per cent. Of the total number of spindles operated during 1917, 41.8 per cent were in the cotton-growing states, 52.4 per cent in the New England states, and 5.8 per cent in all other states.

TABLE 21.—PRODUCTION AND CONSUMPTION OF COTTON AND NUMBER OF ACTIVE COTTON SPINDLES IN THE UNITED STATES, BY SECTIONS, FOR SPECIFIED YEARS: 1840 TO 1917.

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

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

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

STOCKS OF COTTON.

The quantity of baled cotton held in the United States on July 31, 1917, as shown in Table 1, was 2,720,173 bales, which compares with 3,139,709 bales in 1916, 3,936,104 bales in 1915, and 1,365,864 bales in 1914. The amount is considerably less than in 1916 and 1915 and evidences the material drawing on the surplus following the large crop of 1914 and the demoralization in the cotton market during the first year of the European war. The segregation of stocks shown in this and succeeding tables is based upon the location of the cotton and not upon the ownership or the locality of growth. For instance, cotton in warehouses connected with the mills is classed as in consuming establishments, while cotton in independent warehouses and other public storage places and at compresses comprises all cotton held in such establishments, regardless of its ownership. Statistics of stocks held in consuming establishments at the end of the cotton years are shown in Table 17, by states, for the years 1913 to 1917. The amounts held on July 31 are shown in Table 22 for the last five years. By combining the holdings in the two groups of states the quantity for 1917 is found to be 1,501,916 bales, compared with 1,632,245 bales in 1916, 1,401,185 bales in 1915, 905,762 bales in 1914, and 957,561 bales in 1913.

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

Table 22 presents statistics of cotton and linters consumed during each month and on hand in consuming establishments and in public storage and at compresses at the end of each month from September, 1912, to July, 1917, inclusive.

The quantity of cotton consumed, shown in Table 22, varies considerably from month to month. Such variations are naturally to be expected. The consumption of no establishment is uniform from week to week or month to month, because of the exigencies of supply and demand and the shifting of attention from one phase of the business to another. However, these variations in monthly totals are affected somewhat by the number of working days in the months.

Prior to September, 1914, there was very little change in the monthly consumption of linters. Since then, however, there has been a very heavy increase, owing to the use of linters in the manufacture of guncotton and smokeless powder. There has also been a large increase in the stocks of linters held in consuming establishments and in public storage.

TABLE 22.—COTTON AND LINTERS CONSUMED AND ON HAND IN CONSUMING ESTABLISHMENTS AND IN PUBLIC STORAGE AND AT COMPRESSES, BY MONTHS: SEPTEMBER, 1912, TO JULY, 1917, INCLUSIVE.

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

MONTH.	Year.	COTTON.						LINTERS.		
		Consumed.			On hand.			Consumed.	On hand.	
		Total.	In cotton-growing states.	In all other states.	In consuming establishments. In cotton-growing states.	In consuming establishments. In all other states.	In public storage and at compresses.		In consuming establishments.	In public storage and at compresses.
August	1916	557,780	318,493	239,287	529,988	833,147	971,578	72,118	81,709	75,465
	1915	464,392	248,287	216,105	457,298	708,383	1,712,504	61,561	165,872	70,900
	1914	383,680	198,569	185,111	195,490	480,383	546,944	25,280	75,346	29,673
	1913	432,350	230,801	201,549	219,184	498,520	467,902	26,630	60,454	27,378
September	1916	528,288	304,392	223,896	601,043	727,325	2,614,365	61,949	72,723	82,426
	1915	498,738	275,494	223,244	500,386	589,725	2,805,184	66,769	104,494	57,141
	1914	414,864	229,163	185,701	162,224	394,668	1,663,625	27,764	63,386	26,078
	1913	442,435	240,935	201,500	196,522	418,059	1,298,078	27,697	52,491	24,681
	1912	411,582	214,993	196,589	197,264	475,219	1,376,078	24,579	41,423	10,268
October	1916	550,655	312,888	237,767	1,024,029	697,961	3,667,840	67,228	67,435	77,207
	1915	500,762	271,584	229,178	788,775	557,054	4,170,543	77,297	98,114	71,634
	1914	451,899	241,074	210,825	334,484	381,139	3,777,469	30,102	65,174	41,753
	1913	511,923	263,235	248,688	564,393	458,622	2,509,658	31,392	49,483	38,057
	1912	483,878	243,405	240,473	441,578	429,667	2,805,864	29,182	37,744	15,451
November	1916	583,044	333,029	250,015	1,348,708	847,794	4,088,797	66,600	93,999	124,745
	1915	514,743	285,470	229,273	953,712	659,929	4,981,939	82,169	99,089	116,787
	1914	420,706	236,465	184,241	559,135	502,967	4,998,414	27,282	78,343	56,770
	1913	456,356	244,546	211,810	816,337	610,301	3,262,714	26,242	58,823	34,541
	1912	448,800	233,885	214,915	749,206	545,814	3,337,527	26,711	45,992	33,188
December	1916	536,675	307,682	228,993	1,390,939	974,626	4,128,822	70,086	106,728	142,950
	1915	555,005	295,528	259,477	1,077,652	775,394	5,195,653	76,932	110,222	149,042
	1914	450,869	240,733	210,136	692,870	650,359	5,137,902	25,247	99,571	73,891
	1913	456,262	238,149	218,113	936,285	792,274	3,312,793	21,993	74,580	44,302
	1912	422,569	216,818	205,751	921,522	721,873	3,199,207	22,706	61,810	36,157
January	1917	601,381	349,959	251,422	1,294,230	1,011,808	3,725,790	76,205	110,706	151,613
	1916	542,081	298,088	243,993	1,092,675	882,234	4,534,949	80,941	119,693	163,766
	1915	467,862	260,707	207,155	752,450	763,993	4,665,346	25,959	120,449	93,780
	1914	517,299	269,460	247,839	905,419	859,142	2,839,942	23,611	87,217	49,923
	1913	509,694	262,321	247,373	895,049	941,497	2,622,010	24,049	76,447	35,038

TABLE 22.—COTTON AND LINTERS CONSUMED AND ON HAND IN CONSUMING ESTABLISHMENTS AND IN PUBLIC STORAGE AND AT COMPRESSES, BY MONTHS: SEPTEMBER, 1912, TO JULY, 1917, INCLUSIVE—Continued.

Month.	Year.	Cotton.						Linters.		
		Consumed.			On hand.				On hand.	
		Total.	In cotton-growing states.	In all other states.	In consuming establishments. In cotton-growing states.	In consuming establishments. In all other states.	In public storage and at compresses.	Consumed.	In consuming establishments.	In public storage and at compresses.
February	1917	547,174	312,481	234,693	1,164,463	1,603,380	3,431,150	63,871	107,715	199,371
	1916	540,733	302,262	238,471	1,048,529	936,292	3,970,799	89,526	112,516	186,173
	1915	463,307	254,618	208,689	812,027	842,142	4,075,435	29,404	138,262	81,055
	1914	455,231	243,182	212,049	848,686	863,682	2,313,874	22,398	93,809	54,721
	1913	448,095	232,198	215,897	871,177	1,022,789	2,217,619	23,118	87,335	33,280
March	1917	603,919	342,217	261,702	1,069,886	984,018	2,914,946	72,829	126,569	253,326
	1916	613,754	335,897	277,857	1,033,910	945,854	3,407,169	80,476	106,948	209,992
	1915	524,867	284,967	239,900	839,612	902,337	3,378,734	33,234	161,860	100,387
	1914	493,354	260,797	232,557	806,423	872,816	1,834,008	24,720	103,626	57,538
	1913	462,455	242,863	219,592	824,163	1,014,305	1,790,526	23,118	93,054	40,790
April	1917	552,244	321,797	230,447	1,036,484	996,872	2,503,411	69,999	131,807	259,288
	1916	531,714	298,184	233,530	1,022,584	983,962	2,814,181	71,516	106,452	178,527
	1915	514,009	276,918	237,091	872,407	958,572	2,848,692	38,545	170,887	81,086
	1914	499,646	260,123	239,523	720,095	851,963	1,353,295	26,636	99,851	66,143
	1913	478,506	254,223	224,283	721,521	931,786	1,340,605	25,484	93,083	46,268
May	1917	615,412	351,240	264,172	918,247	980,907	1,951,042	82,746	128,890	255,148
	1916	575,566	324,492	251,074	969,460	1,005,625	2,143,251	73,594	85,962	171,839
	1915	493,798	265,437	228,361	823,231	976,078	2,439,708	46,265	178,094	104,691
	1914	466,744	242,630	224,114	594,640	771,183	947,043	26,877	91,244	49,003
	1913	481,993	253,546	228,447	590,560	828,627	895,573	27,327	85,634	43,281
June	1917	574,110	327,962	246,148	788,402	955,125	1,402,403	80,338	129,385	232,865
	1916	570,597	316,106	254,491	825,950	1,009,139	1,520,370	68,063	94,543	169,712
	1915	514,655	273,913	240,742	699,559	923,967	2,085,612	53,903	199,356	103,560
	1914	446,145	236,160	209,985	465,008	691,591	630,487	26,993	88,883	35,808
	1913	441,157	235,721	205,436	471,767	731,703	609,360	25,355	81,845	40,877
July	1917	537,823	306,208	231,615	609,090	892,826	888,257	85,733	112,972	230,687
	1916	489,528	276,136	213,392	684,654	947,591	1,107,464	61,072	100,441	113,106
	1915	496,846	264,405	232,441	577,201	823,984	1,784,919	48,860	198,905	89,881
	1914	448,333	227,508	220,825	326,953	578,809	425,102	23,486	84,218	32,366
	1913	462,242	240,969	221,273	345,152	612,409	381,739	24,750	72,393	29,148

Active cotton spindles.—Table 23 shows, for each month since September, 1912, the number of active cotton spindles in the United States, in the cotton-growing states and in all other states. The inquiries called for the number of cotton spindles operated at any time during the month, and the figures in the table give the totals for the different months. However, it is possible that, in a few instances, the average number of spindles was reported instead of the total number which had been in use.

TABLE 23.—ACTIVE CONSUMING COTTON SPINDLES, BY MONTHS: SEPTEMBER, 1912, TO JULY, 1917.

MONTH.	ACTIVE COTTON SPINDLES (NUMBER).			MONTH.	ACTIVE COTTON SPINDLES (NUMBER).		
	Total.	In cotton-growing states.	In all other states.		Total.	In cotton-growing states.	In all other states.
August:				February:			
1916	32,292,103	13,362,757	18,929,346	1917	33,122,450	13,777,236	19,345,214
1915	31,064,419	12,573,732	18,490,687	1916	31,980,240	13,005,939	18,974,301
1914	30,347,970	12,017,056	18,330,914	1915	30,748,949	12,512,283	18,236,666
1913	30,602,282	11,973,633	18,628,649	1914	31,139,730	12,306,311	18,833,419
September:				1913	30,536,486	11,757,852	18,778,634
1916	32,340,189	13,361,202	18,978,987	March:			
1915	31,300,388	12,778,347	18,522,041	1917	33,270,348	13,876,994	19,393,354
1914	30,307,154	12,249,286	18,057,868	1916	32,028,670	13,057,704	18,970,966
1913	30,634,381	12,009,006	18,625,375	1915	30,907,382	12,568,367	18,339,015
1912	29,775,039	11,502,636	18,272,403	1914	31,083,858	12,352,972	18,730,886
October:				1913	30,575,028	11,853,142	18,721,886
1916	32,557,717	13,440,937	19,116,780	April:			
1915	31,377,569	12,759,677	18,617,892	1917	33,268,615	13,900,301	19,368,314
1914	30,461,320	12,329,743	18,131,577	1916	32,113,441	13,130,626	18,982,815
1913	30,855,360	12,080,706	18,774,654	1915	30,903,509	12,539,496	18,364,013
1912	30,030,733	11,582,060	18,448,673	1914	31,014,038	12,382,140	18,631,898
November:				1913	30,572,108	11,911,333	18,660,775
1916	32,758,045	13,539,840	19,218,205	May			
1915	31,488,723	12,799,308	18,689,415	1917	33,457,356	14,005,155	19,452,201
1914	30,425,797	12,334,265	18,091,532	1916	32,209,374	13,193,187	19,016,187
1913	30,949,337	12,090,701	18,858,636	1915	31,107,221	12,609,895	18,497,326
1912	30,072,579	11,610,173	18,462,406	1914	31,028,336	12,402,907	18,625,429
December:				1913	30,556,177	11,918,309	18,637,868
1916	32,863,274	13,638,924	19,224,350	June:			
1915	31,745,772	12,917,925	18,827,847	1917	33,447,037	14,021,158	19,425,879
1914	30,438,963	12,362,253	18,076,710	1916	32,261,694	13,245,516	19,016,178
1913	31,004,716	12,152,883	18,851,833	1915	31,226,001	12,698,219	18,527,782
1912	30,153,747	11,619,899	18,533,848	1914	30,948,048	12,352,870	18,595,178
January:				1913	30,046,121	11,954,524	18,091,597
1917	33,016,893	13,744,317	19,272,576	July:			
1916	31,846,658	12,971,961	18,874,697	1917	33,418,233	14,098,244	19,319,989
1915	30,556,330	12,466,775	18,089,555	1916	32,269,579	13,335,581	18,933,998
1914	31,098,178	12,256,338	18,841,840	1915	31,207,965	12,755,404	18,452,561
1913	30,359,843	11,740,465	18,619,378	1914	30,676,835	12,304,057	18,372,778
				1913	30,022,654	11,969,736	18,052,918

Cotton consumed during each month, by states.—The following table presents statistics for the monthly consumption of cotton in the United States, in the two divisions of the country, and in each of the important cotton-consuming states from September, 1912, to July, 1917. These statistics permit a closer study of the conditions in the cotton industry in the various states than was possible before the collection and publication of these monthly reports.

TABLE 24.—COTTON CONSUMED DURING EACH MONTH, BY STATES: SEPTEMBER, 1912, TO JULY, 1917.

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

STATE.	COTTON CONSUMED (BALES) DURING—											
	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	July.
United States:												
1916-17	557,780	528,288	550,655	583,044	536,675	601,381	547,174	603,919	552,244	615,412	574,110	537,823
1915-16	464,392	498,738	500,762	514,743	555,005	542,081	540,733	613,754	531,714	575,566	570,597	489,528
1914-15	383,680	414,864	451,899	420,706	450,869	467,862	463,307	524,867	514,009	493,798	514,655	496,846
1913-14	432,350	442,435	511,923	456,356	456,262	517,299	455,231	493,354	499,646	466,744	446,145	448,333
1912-13	.....	411,582	483,878	448,800	422,569	509,694	448,095	462,455	478,506	481,993	441,157	462,242
Cotton-growing states:												
1916-17	318,493	304,392	312,888	333,029	307,682	349,959	312,481	342,217	321,797	351,240	327,962	306,208
1915-16	248,287	275,494	271,584	285,470	295,528	298,088	302,262	335,897	298,184	324,492	316,106	276,136
1914-15	198,569	229,163	241,074	236,465	240,733	260,707	254,618	284,967	276,918	265,437	273,913	264,405
1913-14	230,801	240,035	263,235	244,546	238,149	269,460	243,182	260,797	260,123	242,630	236,160	227,508
1912-13	.....	214,993	243,405	233,885	216,818	262,321	232,198	242,863	254,223	253,546	235,721	240,969
All other states:												
1916-17	239,287	223,896	237,767	250,015	228,993	251,422	234,693	261,702	230,447	264,172	246,148	231,615
1915-16	216,105	223,244	229,178	229,273	259,477	243,993	238,471	277,857	233,530	251,074	254,491	213,392
1914-15	185,111	185,701	210,825	184,241	210,136	207,155	208,689	239,900	237,091	228,361	240,742	232,441
1913-14	201,549	201,500	248,688	211,810	218,113	247,839	212,049	232,557	239,523	224,114	209,985	220,825
1912-13	.....	196,589	240,473	214,915	205,751	247,373	215,897	219,592	224,283	228,447	205,436	221,273
Alabama:												
1916-17	32,486	30,591	30,385	33,055	30,064	35,897	31,385	33,824	32,777	36,134	33,234	31,124
1915-16	25,630	27,113	26,203	27,148	30,029	28,297	28,794	33,205	28,923	32,561	31,277	27,053
1914-15	19,917	22,612	23,929	22,749	24,918	25,493	25,302	27,368	27,445	25,248	27,098	25,138
1913-14	24,669	23,921	26,400	23,655	24,173	26,447	23,286	24,879	26,111	23,531	23,206	21,809
1912-13	.....	22,069	26,001	23,115	21,837	28,174	23,391	24,267	25,250	26,811	23,859	24,977
Connecticut:												
1916-17	12,603	11,428	11,984	12,504	12,033	12,685	11,878	13,138	11,304	12,509	12,380	11,078
1915-16	11,176	11,751	12,680	11,484	13,141	11,236	11,628	13,742	11,245	12,492	12,558	11,448
1914-15	10,359	9,915	11,012	9,004	10,700	10,427	10,976	12,468	11,902	11,831	11,736	12,371
1913-14	10,414	9,776	12,053	10,976	11,430	12,083	10,871	11,577	11,440	11,091	11,072	12,111
1912-13	.....	9,550	12,394	9,871	10,053	12,144	10,658	10,110	10,714	11,153	9,614	10,273
Georgia:												
1916-17	75,969	70,740	74,950	78,802	73,638	81,472	71,865	78,065	74,138	80,961	74,404	72,011
1915-16	58,942	62,043	61,438	64,666	65,271	65,861	66,819	75,458	67,160	73,367	72,422	64,342
1914-15	42,898	49,132	52,222	51,264	53,951	57,763	55,106	61,386	60,506	57,811	60,175	57,639
1913-14	52,131	53,641	59,757	53,455	50,744	58,450	52,368	56,614	55,828	51,327	49,800	47,450
1912-13	.....	46,387	52,717	51,435	48,127	57,718	51,661	52,972	55,676	56,990	51,783	53,484
Maine:												
1916-17	17,246	13,615	16,468	15,564	14,767	15,974	14,998	17,075	14,849	16,553	14,922	15,119
1915-16	14,867	13,843	16,218	15,807	16,950	16,711	16,603	18,831	15,623	16,792	17,282	14,007
1914-15	14,771	11,529	15,533	13,233	15,462	14,344	14,169	15,514	16,429	15,048	16,504	13,552
1913-14	14,475	12,392	16,510	14,864	16,688	16,286	14,594	16,717	15,457	15,263	13,942	13,778
1912-13	.....	12,266	15,957	14,204	13,159	16,385	14,687	15,204	14,872	15,609	14,038	14,384
Maryland:												
1916-17	6,406	6,318	7,062	6,978	6,676	7,302	6,516	7,653	6,801	7,208	6,414	5,827
1915-16	6,786	7,234	6,999	7,101	7,452	7,412	7,661	8,269	6,992	7,411	6,636	5,561
1914-15	4,372	4,577	5,050	5,156	6,064	5,835	6,039	6,697	6,303	6,442	6,567	6,815
1913-14	5,746	6,233	7,094	6,289	4,860	5,151	4,996	6,024	5,579	5,162	4,906	4,591
1912-13	.....	5,217	6,375	5,936	5,787	6,762	5,824	6,466	6,627	6,048	5,721	5,987
Massachusetts:												
1916-17	124,256	114,581	118,336	126,059	115,214	124,158	115,503	131,484	114,422	133,248	125,228	116,720
1915-16	111,830	114,516	116,961	119,251	133,860	124,777	118,796	140,528	116,509	127,848	129,354	108,658
1914-15	93,159	94,649	105,625	92,737	103,646	100,580	102,769	120,111	117,667	114,493	120,062	117,439
1913-14	101,087	100,683	126,021	106,821	108,692	130,385	105,764	118,090	122,385	115,877	107,373	112,528
1912-13	.....	98,818	121,067	111,969	105,216	129,546	105,959	110,512	114,854	114,158	101,153	110,616
New Hampshire:												
1916-17	23,718	25,142	26,155	28,296	24,836	28,031	26,114	27,272	25,653	29,880	28,025	25,359
1915-16	18,622	22,071	18,675	17,896	26,487	24,776	25,944	30,967	25,923	28,688	30,560	24,057
1914-15	19,432	19,730	24,607	20,176	24,048	26,062	25,096	27,631	28,262	26,517	27,770	27,709
1913-14	19,770	22,522	27,748	23,631	25,331	27,610	24,251	26,349	27,836	25,440	24,091	26,640
1912-13	.....	23,119	29,789	24,348	23,110	26,682	27,602	25,175	23,368	29,522	25,623	27,754
New Jersey:												
1916-17	4,076	4,174	4,915	4,579	4,125	5,173	4,393	5,075	4,398	4,793	4,210	4,260
1915-16	4,727	4,793	5,416	5,821	5,600	5,892	5,805	5,840	5,071	4,951	4,857	3,891
1914-15	4,670	4,913	5,073	4,426	4,676	5,101	4,507	5,232	4,746	4,533	4,831	4,296
1913-14	4,679	4,811	5,299	4,604	4,773	5,320	4,644	4,883	5,238	4,563	4,306	4,269
1912-13	.....	4,539	5,313	4,526	4,905	5,295	4,720	4,922	5,178	4,818	4,287	4,606

TABLE 24.—COTTON CONSUMED DURING EACH MONTH, BY STATES: SEPTEMBER, 1912, TO JULY, 1917—Continued.

STATE.	COTTON CONSUMED (BALES) DURING—											
	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	July.
New York:												
1916-17	18,465	17,396	18,887	21,361	19,694	22,035	20,519	21,539	18,591	21,600	19,141	18,853
1915-16	18,596	18,786	20,799	20,606	21,947	20,451	20,253	23,613	19,238	18,995	19,404	16,060
1914-15	11,257	13,731	15,848	15,030	17,771	16,814	17,088	19,899	19,949	18,610	20,947	18,994
1913-14	17,331	18,648	20,519	17,472	18,689	19,752	18,866	18,876	18,667	17,065	16,088	15,559
1912-13	.....	16,713	18,229	16,041	16,408	18,452	17,403	17,935	18,428	17,741	16,974	18,691
North Carolina:												
1916-17	94,702	94,250	95,690	103,345	92,788	108,459	99,922	109,944	101,614	110,980	103,339	94,637
1915-16	67,733	81,627	82,785	87,547	88,108	92,427	92,552	102,605	92,404	99,334	97,386	82,780
1914-15	61,084	68,371	72,785	71,810	68,487	77,472	77,632	86,447	82,189	81,104	82,344	80,429
1913-14	70,271	73,700	79,877	76,573	72,521	84,877	76,434	81,012	80,152	75,250	74,250	70,447
1912-13	.....	66,199	72,530	72,436	64,037	79,462	71,504	74,262	77,619	76,597	71,909	73,089
Pennsylvania:												
1916-17	4,357	3,938	4,504	4,651	4,285	4,547	4,296	4,725	4,573	4,569	4,379	4,332
1915-16	3,754	3,746	3,880	4,332	4,559	4,146	4,202	4,471	3,675	4,253	4,264	3,921
1914-15	3,734	3,780	3,833	3,299	3,588	3,566	3,610	4,041	3,573	3,757	4,097	4,013
1913-14	4,231	4,105	4,647	3,812	4,042	3,946	3,899	4,318	4,314	3,891	4,006	4,013
1912-13	.....	4,841	4,584	3,967	4,199	4,739	4,290	4,388	4,517	4,221	3,990	4,210
Rhode Island:												
1916-17	23,069	22,565	24,210	24,884	22,505	26,036	24,039	26,592	23,984	26,483	24,213	22,483
1915-16	21,232	21,730	22,670	22,184	24,510	23,625	22,618	26,093	24,147	24,340	24,593	21,491
1914-15	18,532	18,777	19,901	17,659	20,195	19,811	19,701	23,082	23,190	22,124	23,148	22,122
1913-14	18,824	17,548	22,997	18,224	18,604	21,816	19,059	20,268	22,603	20,509	19,161	22,122
1912-13	.....	16,816	21,199	18,887	17,628	21,593	19,121	19,350	20,469	19,947	19,271	19,901
South Carolina:												
1916-17	79,785	75,401	77,552	82,385	78,931	86,301	76,243	83,304	79,246	85,352	82,928	75,138
1915-16	64,819	73,834	69,209	73,672	79,532	77,700	79,688	87,112	76,242	83,025	79,753	69,946
1914-15	51,767	62,886	64,302	63,742	67,424	70,547	67,885	77,027	73,350	70,103	72,363	70,168
1913-14	60,159	66,274	71,173	66,593	66,731	71,788	65,989	71,003	71,327	65,860	63,572	62,601
1912-13	.....	58,699	65,996	61,773	60,067	69,889	62,110	65,664	68,802	67,744	64,271	64,731
Tennessee:												
1916-17	9,212	8,541	8,745	9,211	8,401	9,838	8,703	9,653	9,123	10,187	8,555	8,613
1915-16	7,404	7,440	7,856	7,927	8,167	8,084	8,443	9,310	8,218	9,130	8,539	8,189
1914-15	6,173	6,130	6,502	6,538	5,137	7,145	6,962	7,757	7,903	7,591	7,949	7,543
1913-14	6,129	5,984	7,141	6,262	6,782	7,168	6,492	7,003	7,170	6,806	6,426	6,183
1912-13	.....	5,178	6,840	6,100	5,799	6,977	5,253	6,485	6,792	6,312	6,033	6,422
Virginia:												
1916-17	9,769	9,361	9,556	9,816	8,404	10,470	8,508	9,506	8,386	9,789	8,957	8,442
1915-16	9,033	8,853	9,040	9,322	8,788	9,881	10,115	10,262	9,047	9,766	9,757	8,532
1914-15	6,150	6,967	7,271	7,636	7,797	8,298	8,495	9,174	9,795	8,620	8,739	8,772
1913-14	6,639	6,917	6,924	6,959	6,259	8,042	7,184	7,732	7,223	7,655	7,047	7,474
1912-13	.....	6,355	7,882	7,809	6,510	8,065	7,313	7,470	8,200	7,841	7,332	7,128
All other states:												
1916-17	21,661	20,247	21,256	21,554	20,314	23,003	22,292	25,070	22,985	25,166	23,781	23,887
1915-16	19,241	19,358	19,933	19,979	20,604	20,805	20,812	23,448	21,297	22,613	21,955	19,592
1914-15	15,405	17,165	18,406	16,247	17,005	18,604	17,910	21,033	20,800	19,966	20,325	19,846
1913-14	15,795	15,280	17,763	16,166	15,943	18,178	16,534	18,009	18,316	17,454	16,899	16,758
1912-13	.....	14,816	17,005	16,383	15,727	17,811	16,599	17,273	17,140	16,481	15,299	15,989

The quantities of foreign cotton consumed during the several months are given in Table 25 for the United States, for the cotton-growing states, and for all other states separately, with the total stocks on hand in consuming establishments and in public storage at the close of each month.

TABLE 25.—FOREIGN COTTON CONSUMED AND ON HAND IN CONSUMING ESTABLISHMENTS AND IN PUBLIC STORAGE, BY MONTHS: SEPTEMBER, 1912, TO JULY, 1917.

MONTH.	Year.	FOREIGN COTTON (EQUIVALENT 500-POUND BALES).				
		Consumed.			On hand—	
		United States.	Cotton-growing states.	All other states.	In consuming establishments.	In public storage.
August	1916	25,401	1,985	23,416	137,758	61,018
	1915	22,040	990	21,050	105,050	34,201
	1914	14,383	1,047	13,336	64,149	15,338
	1913	13,615	836	12,779	79,979	2,838
September	1916	24,797	1,850	22,947	129,259	56,057
	1915	24,014	1,176	22,838	97,023	29,259
	1914	14,162	1,170	12,992	58,193	12,203
	1913	14,256	969	13,287	71,241	3,140
	1912	18,899	1,202	17,697	79,346	(1)
October	1916	28,340	2,353	25,987	113,589	48,213
	1915	25,264	1,241	24,023	88,529	24,730
	1914	15,535	1,299	14,236	52,612	10,138
	1913	17,955	1,056	16,899	61,474	2,872
	1912	23,208	1,338	21,860	68,234	(1)
November	1916	29,069	2,523	26,546	99,806	37,106
	1915	27,037	1,377	25,660	83,877	24,012
	1914	13,512	851	12,661	47,530	8,862
	1913	13,453	969	12,484	53,169	2,732
	1912	18,189	1,022	17,167	54,990	(1)
December	1916	25,636	2,334	23,302	86,473	34,478
	1915	29,879	1,268	28,611	74,611	22,243
	1914	16,594	1,041	15,553	45,052	7,679
	1913	13,156	730	12,426	50,384	2,048
	1912	20,168	1,299	18,869	56,940	(1)
January	1917	30,818	2,045	28,773	92,757	41,346
	1916	29,107	1,112	27,995	83,320	24,438
	1915	18,151	1,180	16,971	54,733	13,285
	1914	15,043	858	14,185	50,704	2,362
	1913	24,738	1,380	23,358	74,451	(1)
February	1917	26,448	1,947	24,501	94,334	45,645
	1916	26,804	1,100	25,704	99,484	47,183
	1915	18,807	1,066	17,741	60,801	15,267
	1914	13,604	1,074	12,530	45,665	6,035
	1913	21,375	1,387	19,988	83,696	(1)
March	1917	28,928	2,232	26,696	94,787	55,773
	1916	31,750	1,398	30,352	108,388	43,820
	1915	21,565	1,170	20,395	64,753	18,829
	1914	18,181	1,251	16,930	53,497	8,445
	1913	20,617	1,245	19,372	99,364	(1)
April	1917	24,455	1,792	22,663	101,747	57,256
	1916	24,400	1,092	23,308	120,304	44,305
	1915	22,885	1,289	21,597	89,260	31,299
	1914	20,577	1,193	19,384	60,716	8,472
	1913	21,075	1,315	19,760	98,823	(1)
May	1917	27,915	2,187	25,728	100,019	51,200
	1916	26,563	1,322	25,241	136,554	54,041
	1915	22,194	1,352	20,842	93,382	30,784
	1914	19,625	1,220	18,405	67,910	9,793
	1913	19,636	1,084	18,552	96,157	(1)
June	1917	24,507	2,044	22,463	102,368	56,446
	1916	26,963	1,442	25,521	142,180	55,004
	1915	22,632	1,180	21,452	101,573	30,711
	1914	16,800	1,063	15,737	66,923	9,940
	1913	15,837	1,220	14,617	90,654	(1)
July	1917	21,947	1,613	20,334	94,311	49,680
	1916	23,174	1,620	21,554	142,518	69,094
	1915	21,637	1,012	20,625	108,782	35,987
	1914	17,276	883	16,393	63,258	9,505
	1913	15,482	987	14,495	82,571	(1)

[1] Not available.

Cotton stocks on specified dates.—The following table distributes, by states, the cotton on hand in consuming establishments and in public storage and at compresses at the close of each month during the year ending July 31, 1917. The amounts shown in the table do not include cotton in transit and in private warehouses or cotton in the hands of buyers, merchants, and producers.

TABLE 26.—COTTON ON HAND IN CONSUMING ESTABLISHMENTS AND IN PUBLIC STORAGE AND AT COMPRESSES AT THE CLOSE OF EACH MONTH, BY STATES: AUGUST, 1916, TO JULY, 1917.

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

State and class of holder.	Cotton on hand (bales).				
	1916				
	Aug. 31.	Sept. 30.	Oct. 31.	Nov. 30.	Dec. 31.
In consuming establishments, total	1,363,135	1,328,368	1,721,990	2,196,502	2,365,565
In cotton-growing states	529,988	601,043	1,024,029	1,348,708	1,390,939
In all other states	833,147	727,325	697,961	847,794	974,626
In public storage and at compresses, total	971,578	2,614,365	3,667,840	4,088,797	4,128,822
In cotton-growing states	800,465	2,458,997	3,469,542	3,824,738	3,775,033
In all other states	171,113	155,458	198,298	264,059	353,789
Alabama:					
In consuming establishments	59,027	63,022	107,911	137,694	148,775
In public storage and at compresses	112,991	182,655	213,944	232,153	213,912
Arkansas:					
In consuming establishments	349	600	1,695	1,995	1,909
In public storage and at compresses	11,144	167,687	268,775	270,883	273,039
Connecticut:					
In consuming establishments	56,368	52,469	52,225	64,649	64,398
Georgia:					
In consuming establishments	136,345	165,423	273,913	357,132	346,871
In public storage and at compresses	199,842	510,122	634,491	684,059	694,980
Louisiana:					
In consuming establishments	366	397	528	398	315
In public storage and at compresses	68,957	169,189	321,602	418,606	458,150
Maine:					
In consuming establishments	51,008	42,443	42,683	64,103	77,518
Massachusetts:					
In consuming establishments	413,971	365,393	349,665	397,478	448,065
In public storage and at compresses	94,048	80,736	78,383	81,711	130,267
Mississippi:					
In consuming establishments	4,156	4,915	7,151	8,582	8,863
In public storage and at compresses	24,860	138,193	240,528	265,502	260,317
New Hampshire:					
In consuming establishments	84,558	60,445	63,189	90,590	117,456
New Jersey: [1]					
In consuming establishments	22,678	20,325	18,466	19,752	23,992
New York:					
In consuming establishments	58,255	48,904	52,050	70,990	83,769
In public storage and at compresses	49,939	50,936	81,077	125,072	147,373
North Carolina:					
In consuming establishments	165,520	159,678	291,818	391,852	414,317
In public storage and at compresses	40,405	54,722	96,525	137,875	156,752
Oklahoma:					
In consuming establishments	70	940	362	305	2,606
In public storage and at compresses	3,367	103,783	164,170	152,676	119,704
Pennsylvania:					
In consuming establishments	11,569	11,541	12,651	11,951	14,144
In public storage and at compresses	5,338	5,118	6,819	11,575	16,435
Rhode Island: [1]					
In consuming establishments	112,297	97,172	88,378	107,527	118,761
South Carolina:					
In consuming establishments	111,263	143,285	239,995	327,055	337,120
In public storage and at compresses	70,070	116,739	189,082	242,782	260,818
Tennessee:					
In consuming establishments	15,858	17,649	37,063	48,113	51,063
In public storage and at compresses	24,558	125,828	244,414	303,639	351,299
Texas:					
In consuming establishments	5,306	13,695	23,249	26,095	27,805
In public storage and at compresses	226,130	863,586	1,025,035	1,008,035	861,508
Virginia:					
In consuming establishments	19,912	19,555	27,231	34,057	35,598
In public storage and at compresses	15,702	17,326	52,785	72,924	89,182
All other states:					
In consuming establishments	34,259	31,517	31,827	36,184	42,220
In public storage and at compresses	24,221	27,745	50,210	81,305	95,086

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

TABLE 26.—COTTON ON HAND IN CONSUMING ESTABLISHMENTS AND IN PUBLIC STORAGE AND AT COMPRESSES AT THE CLOSE OF EACH MONTH, BY STATES, AUGUST, 1916, TO JULY, 1917—Continued.

STATE AND CLASS OF HOLDER.	COTTON ON HAND (BALES).						
	1917						
	Jan. 31.	Feb. 28.	Mar. 31.	Apr. 30.	May 31.	June 30.	July 31.
In consuming establishments, total	2,306,038	2,167,843	2,053,904	2,033,356	1,899,154	1,743,527	1,501,916
In cotton-growing states	1,294,230	1,164,463	1,069,886	1,036,484	918,247	788,402	609,090
In all other states	1,011,808	1,003,380	984,018	996,872	980,907	955,125	892,826
In public storage and at compresses, total	3,725,790	3,431,150	2,914,946	2,503,411	1,951,042	1,402,403	888,257
In cotton-growing states	3,348,657	3,040,449	2,576,002	2,188,638	1,662,266	1,117,356	646,319
In all other states	377,133	390,701	338,944	314,773	288,776	285,047	241,938
Alabama:							
In consuming establishments	132,155	117,460	107,484	108,308	94,607	80,726	64,570
In public storage and at compresses	191,809	175,887	157,654	131,299	107,405	75,743	52,169
Arkansas:							
In consuming establishments	1,639	1,438	1,187	1,044	802	854	593
In public storage and at compresses	215,662	205,255	172,791	127,497	85,526	57,847	25,918
Connecticut:							
In consuming establishments	64,171	63,779	62,652	66,807	69,541	66,567	60,895
Georgia:							
In consuming establishments	319,272	283,075	256,708	244,360	224,504	194,313	145,949
In public storage and at compresses	621,276	567,571	476,984	411,192	351,025	226,568	142,109
Louisiana:							
In consuming establishments	581	854	503	716	828	696	634
In public storage and at compresses	444,689	392,777	305,898	237,331	170,458	125,989	70,219
Maine:							
In consuming establishments	77,905	72,294	67,323	65,637	66,911	67,087	61,578
Massachusetts:							
In consuming establishments	464,633	458,725	454,384	460,016	462,356	452,754	429,596
In public storage and at compresses	149,735	174,993	182,801	183,762	172,768	177,649	140,183
Mississippi:							
In consuming establishments	7,999	6,806	6,934	6,652	5,764	5,352	4,369
In public storage and at compresses	224,532	198,827	167,169	137,621	102,912	64,210	36,650
New Hampshire:							
In consuming establishments	126,746	124,328	120,599	124,305	109,786	105,259	89,991
New Jersey:[1]							
In consuming establishments	26,126	26,731	26,263	24,668	23,274	24,084	21,179
New York:							
In consuming establishments	88,814	82,998	77,351	76,834	71,049	65,133	62,652
In public storage and at compresses	148,737	132,426	81,098	63,192	60,790	50,917	65,987
North Carolina:							
In consuming establishments	382,128	342,699	318,679	311,765	275,831	235,738	184,570
In public storage and at compresses	145,409	142,296	138,321	132,774	123,078	101,729	83,310
Oklahoma:							
In consuming establishments	2,853	2,709	2,101	1,751	1,213	842	523
In public storage and at compresses	90,846	69,071	47,972	32,478	22,735	9,634	3,866
Pennsylvania:							
In consuming establishments	14,771	14,370	13,978	13,845	13,959	11,998	12,429
In public storage and at compresses	18,078	17,370	16,332	15,257	12,201	11,384	9,035
Rhode Island:[1]							
In consuming establishments	116,510	125,272	128,897	132,081	132,065	131,243	124,801
South Carolina:							
In consuming establishments	316,751	286,290	262,926	255,578	224,285	190,166	147,200
In public storage and at compresses	237,242	200,523	171,686	163,022	126,786	99,331	52,095
Tennessee:							
In consuming establishments	49,969	44,748	39,276	35,894	29,754	26,936	20,719
In public storage and at compresses	328,398	327,517	296,191	250,687	202,550	146,592	75,215
Texas:							
In consuming establishments	26,368	24,828	21,914	19,235	16,845	12,975	8,706
In public storage and at compresses	721,944	644,660	538,130	478,325	298,126	161,089	78,762
Virginia:							
In consuming establishments	37,234	37,114	37,774	35,770	30,230	26,604	20,381
In public storage and at compresses	86,508	81,962	76,087	71,588	62,814	41,669	20,248
All other states:							
In consuming establishments	49,413	51,325	46,971	48,090	45,550	44,110	40,581
In public storage and at compresses	100,925	100,015	85,832	67,386	51,868	45,152	32,581

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

IMPORTS AND EXPORTS OF COTTON.

IMPORTS.

Practically the entire quantity of cotton consumed in the United States is produced in the country, only small quantities for special purposes being imported. Foreign cotton imported into the United States is frequently reshipped at intermediate points, and, in some instances, is counted as imported from the country of reshipment. There has been a demand for information regarding the country of origin, and the Bureau of Foreign and Domestic Commerce has accordingly arranged to furnish this information. The following table shows the monthly imports of cotton, by countries of production, from September, 1912, to July, 1917, inclusive:

TABLE 27.—TOTAL IMPORTS OF COTTON, BY COUNTRIES OF PRODUCTION, FOR EACH MONTH FROM SEPTEMBER, 1912, TO JULY, 1917, INCLUSIVE.

MONTH.	Year.	IMPORTS OF FOREIGN COTTON (EQUIVALENT 500-POUND BALES).						
		Total.	Produced in—					
			Egypt.	China.	Peru.	India.	Mexico.	All other countries.
August	1916	7,482	2,234	2,540	1,366	791	.....	551
	1915	18,990	13,176	917	334	1,851	2,368	344
	1914	27,087	4,329	1,986	559	1,151	19,062	.....
	1913	7,785	5,553	832	557	814	29	.....
September	1916	7,927	3,153	1,676	1,008	327	1,755	8
	1915	26,197	16,505	5,074	9	1,262	2,581	766
	1914	15,315	8,912	1,201	516	211	4,405	70
	1913	7,449	4,000	413	1,328	719	983	6
	1912	8,930	7,710	106	630	433	21	30
October	1916	7,836	51	781	594	318	5,336	756
	1915	13,506	6,757	1,718	617	368	3,893	153
	1914	12,150	6,464	1,031	302	353	3,845	155
	1913	5,569	2,119	751	1,419	266	1,014	.....
	1912	10,571	6,522	3,042	567	345	58	37
November	1916	13,200	5,636	167	934	.....	6,420	43
	1915	21,168	15,858	243	643	135	4,233	56
	1914	13,454	7,360	1,336	981	.....	3,686	91
	1913	7,281	2,404	282	1,523	157	2,898	17
	1912	9,452	7,905	471	867	151	3	55
December	1916	34,339	22,416	1,903	1,929	1,181	6,694	216
	1915	43,724	37,602	650	719	.....	4,511	242
	1914	32,293	25,526	731	765	130	5,120	21
	1913	15,815	11,888	67	1,324	655	1,635	246
	1912	24,846	21,548	1,730	1,481	.....	72	15
January	1917	38,463	27,167	4,940	1,824	218	4,009	305
	1916	57,352	47,914	2,207	3,745	.....	3,143	543
	1915	39,229	30,951	2,150	1,415	.....	4,713	.....
	1914	19,624	11,341	508	882	155	6,708	30
	1913	52,022	47,098	3,132	1,586	44	160	2
February	1917	56,058	46,344	6,256	269	.....	3,124	65
	1916	72,913	64,309	4,596	676	.....	3,080	252
	1915	28,727	18,697	1,497	971	773	6,771	18
	1914	20,771	11,362	3,602	1,426	951	3,361	69
	1913	34,039	29,899	2,457	1,367	.....	316	.....

19214°—18——5

TABLE 27.—TOTAL IMPORTS OF COTTON, BY COUNTRIES OF PRODUCTION, FOR EACH MONTH FROM SEPTEMBER, 1912, TO JULY, 1917, INCLUSIVE—Continued.

MONTH.	Year.	IMPORTS OF FOREIGN COTTON (EQUIVALENT 500-POUND BALES).						
		Total.	Produced in—					
			Egypt.	China.	Peru.	India.	Mexico.	All other countries.
March	1917	47,679	39,783	3,141	979	.....	3,458	318
	1916	60,005	55,783	293	581	.....	3,004	344
	1915	38,534	31,551	2,426	1,264	158	3,135	.....
	1914	30,863	17,096	5,108	886	70	7,556	147
	1913	27,889	23,028	1,051	946	2,505	97	262
April	1917	29,968	23,473	3,613	171	.....	1,668	1,043
	1916	67,478	55,245	8,737	897	.....	1,986	613
	1915	54,479	46,285	1,932	1,078	339	4,845	.....
	1914	32,917	26,860	1,588	791	1,177	2,346	155
	1913	20,776	16,377	3,082	797	.....	.....	520
May	1917	12,387	6,595	3,899	724	.....	394	775
	1916	32,602	25,448	5,701	24	76	1,044	309
	1915	46,173	28,309	4,189	1,000	532	12,085	58
	1914	40,114	20,716	2,161	1,039	1,543	14,506	149
	1913	13,820	11,764	518	461	1	.....	1,076
June	1917	26,181	22,307	385	753	558	.....	2,178
	1916	15,803	9,079	3,495	1,443	.....	255	1,531
	1915	39,178	20,154	4,235	1,314	2,641	10,728	106
	1914	49,010	11,938	2,122	1,010	477	33,440	23
	1913	8,019	6,622	617	572	.....	.....	208
July	1917	10,437	733	6,762	518	467	.....	1,957
	1916	7,636	3,120	2,161	1,221	522	.....	612
	1915	35,667	23,835	2,917	188	1,557	6,785	385
	1914	23,790	13,302	3,338	442	865	5,809	34
	1913	9,496	7,049	1,303	906	80	.....	158

The total quantity of cotton imported into the United States during the year ending July 31, 1917, amounted to 291,957 equivalent bales of 500 pounds each. During the year 3,471 bales of foreign cotton were reexported, making the net imports 288,486 bales.

Nearly all of the imported cotton consumed in this country is Egyptian, which is used largely for mercerizing and in the manufacture of thread, knit goods, and lace, and automobile tires. During the past year 32,858 bales of Mexican cotton were imported. As this cotton has practically the same characteristics as American cotton, much of it lost its Mexican identity and was included in the reports of consumption and of exports as domestic cotton. At a number of border points, Mexican seed cotton is brought into the United States for ginning. The quantity of this cotton aggregated more than 11,000 bales during the season of 1916–17, nearly all of it being produced in the Imperial Valley in Lower California. In addition, 24,147 bales were ginned in the Mexican portion of the Imperial Valley and all of this cotton reached the United States before being marketed.

The importation of Chinese cotton during the year amounted to 36,063 bales. This cotton is distinctly of a lower grade than the average American and is used, to some extent, for mixing with the higher-priced domestic cotton. During the year 11,069 bales of Peruvian cotton were imported. This was almost entirely "rough Peruvian," which is found very desirable for mixing with wool in the manufacture of woolen goods. Smaller amounts of cotton were also imported from a number of other countries, among which are Santo Domingo and Haiti.

EXPORTS.

Table 28 shows the yearly exports of domestic raw cotton and linters, by customs districts, for the past six years.

The exports of domestic raw cotton and linters from the United States for the year ending July 31, 1917, amounted to 5,739,009 bales. Galveston, with a total of 1,833,381 bales ranked first among the customs districts in 1917, followed by New Orleans, with 1,025,775 bales; New York, with 811,613 bales; and Georgia, with 554,084 bales. The combined exports for the first two districts named amounted to 2,859,156 bales and represented 49.8 per cent of the total for the country.

TABLE 28.—EXPORTS OF DOMESTIC RAW COTTON AND LINTERS FROM THE UNITED STATES, BY CUSTOMS DISTRICTS: 1912 TO 1917.

[Compiled by the Bureau of Foreign and Domestic Commerce, Department of Commerce. The statistics for 1915, 1916, and 1917 relate to the 12 months ending July 31, and those for prior years to the 12 months ending Aug. 31.]

CUSTOMS DISTRICT.	EXPORTS OF DOMESTIC COTTON AND LINTERS (RUNNING BALES).					
	1917	1916	1915	1914	1913	1912
Total	5,739,009	6,191,110	8,544,563	8,914,839	8,800,966	10,681,758
Maine and New Hampshire	10,308	10,807	6,398	2,643	7,950	12,280
Massachusetts	165,843	100,755	111,170	94,454	159,589	186,779
New York	811,613	738,558	482,195	359,421	615,418	655,078
Philadelphia	42,617	26,219	34,906	58,906	62,264	90,482
Maryland	177,155	167,978	61,066	173,167	84,512	130,466
Virginia	114,336	82,123	74,549	136,363	73,070	21,666
North Carolina	74,036	170,557	203,294	353,273	317,831	502,426
South Carolina	19,207	85,128	260,819	305,338	228,482	249,864
Georgia	554,084	568,741	1,469,456	1,513,039	1,048,006	2,158,827
Florida	36,776	65,107	81,739	164,124	125,099	216,424
Mobile	75,963	81,513	95,611	369,613	143,147	357,110
New Orleans	1,025,775	1,251,924	1,545,415	1,705,559	1,350,336	1,600,627
Sabine	40,667	48,337	51,729	32,808	138,642	199,887
Galveston	1,833,381	1,962,824	3,433,241	3,214,567	3,884,735	3,700,237
Laredo	100	23,695	618	35,728	59,713	4,782
Eagle Pass	1,750	.....	.....	.....	.....	.....
El Paso	.....	.....	.....	.....	.....	.....
Arizona	.....	.....	.....	298	325	700
San Francisco	182,904	192,462	194,020	179,255	262,917	211,778
Oregon	.....	.....	.....	.....	3,716	.....
Washington	391,951	431,945	257,363	76,198	104,506	213,825
Dakota	1,217	3,919	2,382	533	520	4
Minnesota	.....	.....	.....	.....	908	753
Duluth and Superior	.....	.....	40	104	50	.....
Chicago	.....	879	.....	.....	.....	.....
Michigan	116,331	101,926	98,698	100,333	91,021	122,472
Ohio	.....	.....	50	.....	.....	350
Buffalo	16,816	9,305	9,002	11,879	8,049	5,462
St. Lawrence	10,335	15,164	11,640	7,190	8,037	16,024
Vermont	35,840	49,334	54,624	19,755	22,062	23,324
Porto Rico	.....	46	27	273	61	131
Hawaii	4	9	11	18	.....	.....
Southern California	.....	1,855	4,500	.....	.....	.....

Net receipts of cotton, by ports.—The term "net receipts of cotton," as here employed means the amount of domestic cotton received which has not been transshipped from some other port and already included in the latter's receipts. These statistics must not be confused with those of exports. They include large quantities of cotton carried in the coastwise trade to New England and other northern states and consumed in this country, as well as cotton carried to other ports and then exported. The statistics of such net receipts for the principal cotton-handling ports are presented in Table 29.

The three most important cotton ports, in the order of their importance, are Galveston, New Orleans, and Savannah, and their net receipts during the year ending July 31, 1917, amounted to 5,090,154 bales, or 40.2 per cent of the total quantity of cotton produced in the country from the crop of 1916.

TABLE 29.—NET RECEIPTS OF RAW COTTON AT PRINCIPAL COTTON PORTS, FOR SPECIFIED YEARS: 1875 TO 1917.

[Compiled from reports of New Orleans Cotton Exchange. The statistics for 1915, 1916, and 1917 relate to the 12 months ending July 31, and those for prior years to the 12 months ending Aug. 31.]

PORT.	NET RECEIPTS OF COTTON (RUNNING BALES).						
	1917	1916	1915	1914	1913	1912	1911
Galveston	2,640,931	2,424,667	4,001,710	3,365,460	4,035,114	3,727,958	2,948,354
Port Arthur and Texas City	278,829	358,150	560,103	513,439	805,313	786,355	527,989
New Orleans	1,541,110	1,414,215	1,810,184	1,890,758	1,436,959	1,662,098	1,608,208
Mobile	113,317	163,365	166,997	431,918	230,099	384,239	250,921
Pensacola	36,789	70,737	87,236	165,806	125,633	216,114	125,343
Brunswick	154,337	141,229	215,504	285,173	240,500	425,462	218,946
Savannah	908,113	1,042,840	1,762,418	1,822,370	1,306,864	2,386,302	1,462,152
Charleston	174,263	264,877	405,504	423,920	310,293	416,013	286,528
Wilmington	87,759	221,180	279,097	399,023	342,953	548,122	410,182
Norfolk and Newport News	557,187	780,958	829,683	744,419	722,803	862,217	593,681
Baltimore	127,598	75,234	83,114	103,810	84,661	125,893	119,104
Philadelphia	25,786	8,266	11,134	5,491	8,326	3,972	515
New York	37,946	34,375	30,022	6,732	15,326	6,961	14,790
Boston	103,176	89,281	88,043	21,578	46,222	63,112	39,093
San Francisco [1]	176,124	191,311	189,561	177,048	257,220	194,995	100,787
Seattle and Tacoma [1]	343,069	444,307	277,259	78,271	107,015	214,219	57,120

PORT.	NET RECEIPTS OF COTTON (RUNNING BALES).							
	1910	1905	1900	1895	1890	1885	1880	1875
Galveston	2,501,412	2,879,336	1,710,263	1,659,999	860,112	463,463	480,352	354,027
Port Arthur and Texas City	163,778	(2)	(2)	(2)	(2)	(2)	(2)	(2)
New Orleans	1,315,328	2,689,520	1,867,153	2,584,115	1,973,571	1,529,592	1,504,654	993,481
Mobile	255,665	329,556	[3] 340,646	253,187	261,957	237,071	358,971	320,822
Pensacola	138,234	195,151	(4)	(2)	(2)	(2)	(2)	(2)
Brunswick	227,301	199,193	94,278	(2)	(2)	(2)	(2)	(2)
Savannah	1,365,825	1,877,343	1,088,807	944,410	956,517	728,087	741,018	606,727
Charleston	228,728	225,366	265,523	425,487	327,079	507,802	464,332	412,931
Wilmington	312,511	375,383	282,360	234,621	134,916	94,054	78,876	76,601
Norfolk and Newport News	587,363	841,174	432,727	472,546	404,056	545,418	590,032	387,279
Baltimore	85,526	72,427	101,648	(2)	(2)	(2)	(2)	(2)
Philadelphia	2,581	13,645	36,238	(2)	(2)	(2)	(2)	(2)
New York	40,706	33,798	119,215	187,794	176,502	99,200	229,426	179,163
Boston	14,792	83,644	118,891	(2)	(2)	(2)	(2)	(2)
San Francisco [1]	.....	.....	.....	.....	.....	.....	.....	.....
Seattle and Tacoma [1]	.....	.....	.....	.....	.....	.....	.....	.....

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

Exports of cotton, by countries to which exported.—The annual exports of domestic raw cotton from 1821 to 1917, by countries, and the total value of these exports are shown in Table 30. The quantities in this table are expressed in equivalent 500-pound bales and cover the fiscal year, while those in Table 28 are in running bales and relate to the cotton year.

Table 30 shows the development of the export trade in raw cotton to the several countries. The total quantity exported during the year ending June 30, 1917, amounted to 6,176,134 bales of 500 pounds each, valued at $543,100,542. Of this cotton, 2,895,415 bales, or 46.9 per cent, were exported to the United Kingdom, 1,055,729 bales to France, and 687,158 bales to Italy. No cotton was exported to Germany, which during the fiscal year 1914 took 2,884,324 bales, or 30.3 per cent, of

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

TABLE 30.—EXPORTS OF DOMESTIC COTTON AND LINTERS—VALUE AND QUANTITY, WITH DISTRIBUTION OF QUANTITY, BY COUNTRIES TO WHICH EXPORTED: 1821 TO 1917.

[Compiled from Commerce and Navigation of the United States. The statistics of exports since 1865 differ slightly from those shown in Table 36 because of a difference in the years to which they relate. The figures of this table are for fiscal years.]

YEAR.	Total value.	EXPORTS OF DOMESTIC COTTON (EQUIVALENT 500-POUND BALES) TO—					
		Total.	United Kingdom.	Germany.	France.	Italy.	Spain.
1917	$543,100,542	6,176,134	2,895,415	.....	1,055,729	687,158	394,093
1916	374,186,247	6,168,140	2,760,890	.....	890,376	836,915	340,246
1915	376,217,972	8,807,157	3,919,749	294,194	692,699	1,127,400	464,504
1914	610,475,301	9,521,881	3,581,501	2,884,324	1,139,399	537,357	297,339
1913	547,357,195	9,124,591	3,716,898	2,443,886	1,074,987	500,823	317,954
1912	565,849,271	11,070,251	4,343,108	3,156,171	1,228,294	636,077	313,500
1911	585,318,869	8,067,882	3,461,054	2,202,707	1,021,998	436,296	242,073
1910	450,447,243	6,413,416	2,444,558	1,887,657	968,422	393,327	178,455
1909	417,390,655	8,895,970	3,665,355	2,438,090	1,098,173	565,695	301,789
1908	437,788,202	7,633,997	2,956,352	2,385,663	889,083	418,921	262,744
1907	481,277,797	9,036,434	3,966,119	2,315,651	1,006,633	567,916	275,868
1906	401,005,921	7,268,090	3,181,143	1,871,441	817,583	486,607	241,747
1905	379,965,014	8,609,698	3,967,254	2,011,679	818,304	534,735	295,537
1904	370,811,246	6,126,386	2,475,752	1,797,354	734,286	363,295	184,862
1903	316,180,429	7,086,086	2,799,096	1,915,094	806,673	444,950	266,336
1902	290,651,819	7,001,558	3,132,324	1,705,815	775,773	445,437	270,602
1901	313,673,443	6,661,781	3,106,857	1,629,935	754,329	365,359	237,346
1900	241,832,737	6,201,166	2,302,128	1,619,173	736,092	443,951	246,612
1899	209,564,774	7,546,821	3,609,444	1,728,975	803,406	417,353	248,635
1898	230,442,215	7,700,529	3,532,101	1,858,525	842,038	387,581	263,648
1897	230,890,971	6,207,510	3,127,186	1,371,577	716,025	323,117	219,088
1896	190,056,460	4,670,453	2,267,222	1,038,457	478,205	261,644	216,178
1895	204,900,990	7,034,866	3,553,782	1,504,631	790,690	332,656	255,679
1894	210,869,289	5,366,565	2,970,903	909,389	610,854	211,716	225,364
1893	188,771,445	4,424,230	2,363,176	850,387	568,059	160,019	200,212
1892	258,461,241	5,870,440	3,381,685	964,883	692,785	171,003	187,458
1891	290,712,898	5,814,718	3,401,212	1,019,144	553,100	194,022	218,836
1890	250,968,792	4,943,600	2,905,152	837,641	484,759	129,751	175,339
1889	237,775,270	4,769,633	2,940,800	660,756	400,197	131,068	181,533
1888	223,016,760	4,528,242	2,838,525	560,624	392,197	110,375	169,331
1887	206,222,057	4,338,915	2,713,515	561,664	466,090	73,222	138,499
1886	205,085,642	4,116,075	2,444,482	569,435	401,643	110,473	168,414
1885	201,962,458	3,783,319	2,419,834	468,987	361,462	79,041	135,319
1884	197,015,204	3,725,145	2,384,254	363,055	457,369	51,725	135,928
1883	247,328,721	4,576,150	2,776,411	538,583	428,829	80,607	196,939
1882	189,812,644	3,479,952	2,361,793	324,962	333,541	44,073	115,264
1881	247,695,746	4,381,857	2,729,672	466,192	553,854	75,145	127,741
1880	211,535,905	3,644,122	2,433,255	308,045	359,693	59,126	133,873
1879	162,304,250	3,256,746	1,967,549	274,960	393,977	47,617	141,215
1878	180,031,484	3,215,067	2,079,897	243,298	472,062	36,221	81,371
1877	171,118,508	2,890,738	2,040,731	155,211	438,178	23,096	92,061
1876	192,659,262	2,982,811	1,914,660	217,092	407,952	46,759	95,122
1875	190,638,625	2,520,838	1,823,884	150,570	310,279	18,084	59,627
1874	211,223,580	2,717,205	1,807,144	229,227	354,731	24,597	106,718
1873	227,243,069	2,400,127	1,717,299	190,685	226,740	30,568	55,445
1872	180,684,595	1,867,075	1,407,830	85,033	176,374	11,845	65,142
1871	218,327,109	2,925,856	2,204,645	207,972	119,223	42,915	94,312
1870	227,027,624	1,917,117	1,298,332	173,552	306,293	14,549	55,409
1869	162,033,052	1,288,056	873,087	140,855	201,116	8,956	32,317
1868	152,820,733	1,569,527	1,129,030	152,643	186,466	12,066	51,241
1867	201,470,423	1,322,947	1,048,641	56,396	167,858	7,223	22,068
1866	281,385,223	1,301,146	1,024,728	32,276	216,470	397	17,631

TABLE 30.—EXPORTS OF DOMESTIC COTTON AND LINTERS—VALUE AND QUANTITY, WITH DISTRIBUTION OF QUANTITY, BY COUNTRIES TO WHICH EXPORTED: 1821 TO 1917—Continued.

YEAR.	Total value.	EXPORTS OF DOMESTIC COTTON (EQUIVALENT 500-POUND BALES) TO—					
		Total.	United Kingdom.	Germany.	France.	Italy.	Spain.
1865	6,836,400	17,789	16,584	283	714	.....	.....
1864	9,895,854	23,988	19,302	47	3,557	117	.....
1863	6,652,405	22,770	19,681	.....	2,534	.....	.....
1862	1,180,113	10,129	7,091	17	46	1,688	1,166
1861	34,051,483	615,032	414,685	23,798	114,541	9,373	22,310
1860	101,806,555	3,535,373	2,528,274	132,145	567,935	54,037	88,044
1859	161,434,923	2,772,937	1,887,372	131,362	372,981	42,977	121,016
1858	131,386,661	2,237,248	1,561,905	58,872	357,580	38,996	79,261
1857	131,575,859	2,096,565	1,367,996	89,866	348,469	34,480	91,114
1856	128,382,351	2,702,863	1,798,656	124,219	443,535	41,710	116,959
1855	88,143,844	2,016,849	1,346,997	61,642	420,228	49,787	66,143
1854	93,596,220	1,975,666	1,392,494	75,440	288,857	25,452	76,018
1853	109,456,404	2,223,141	1,537,193	46,280	378,454	34,976	73,702
1852	87,965,732	2,186,461	1,505,148	44,277	372,428	35,868	58,604
1851	112,315,317	1,854,474	1,341,290	34,480	278,329	20,641	68,545
1850	71,984,616	1,270,763	863,062	10,090	251,668	18,707	55,353
1849	66,396,967	2,053,204	1,478,690	27,689	302,680	33,316	46,572
1848	61,998,294	1,628,549	1,144,006	35,074	272,596	17,184	38,647
1847	53,415,848	1,054,440	702,538	21,779	201,235	26,431	24,627
1846	42,767,341	1,095,116	692,317	15,391	264,106	28,620	235
1845	51,739,643	1,745,812	1,210,290	34,605	295,659	13,714	673
1844	54,063,501	1,327,267	973,459	12,579	240,120	6,346	8,249
1843	49,109,806	1,584,594	1,169,691	30,507	273,629	18,371	.....
1842	47,593,464	1,169,434	757,395	19,525	311,643	8,817	.....
1841	54,330,341	1,060,408	696,613	12,992	278,790	3,738	36
1840	63,870,307	1,487,882	989,830	18,317	358,180	7,805	1,049
1839	61,238,982	827,248	621,548	1,780	179,565	10	1,179
1838	61,556,811	1,191,905	883,716	9,437	240,649	460	5,663
1837	63,240,102	888,423	643,159	7,530	198,617	1,107	4,665
1836	71,284,925	847,263	585,038	14,130	202,727	322	3,252
1835	64,961,302	774,718	540,169	5,414	200,994	26	1,756
1834	49,448,402	769,436	569,448	13,235	159,897	382	1,786
1833	36,191,105	649,397	476,484	3,751	153,666	.....	1,516
1832	31,724,682	644,430	458,015	8,150	154,935	1,162	4,568
1831	25,289,492	553,960	441,634	4,834	92,257	612	1,111
1830	29,674,883	596,918	419,661	2,246	150,212	471	64
1829	26,575,311	529,674	349,120	13,746	134,408	2,113	.....
1828	22,467,229	421,181	293,666	6,782	106,962	814	.....
1827	29,359,545	588,620	425,415	6,797	140,848	296	16
1826	25,025,214	409,071	267,758	4,121	124,337	.....	.....
1825	36,846,649	352,900	287,426	1,154	60,008	2	.....
1824	21,947,401	286,739	202,421	590	81,396	.....	.....
1823	20,445,520	347,447	280,368	4,717	49,987	435	.....
1822	24,035,058	289,350	228,928	5,911	43,016	3,913	.....
1821	20,157,484	249,787	175,438	1,496	54,878	1,796	570

TABLE 30.—EXPORTS OF DOMESTIC COTTON AND LINTERS—VALUE AND QUANTITY, WITH DISTRIBUTION OF QUANTITY, BY COUNTRIES TO WHICH EXPORTED: 1821 TO 1917—Continued.

YEAR.	EXPORTS OF DOMESTIC COTTON (EQUIVALENT 500-POUND BALES) TO—continued.								
	Belgium.	Russia.	Austria-Hungary.	Netherlands.	All other Europe.	Japan.	Canada.	Mexico.	All other countries.
1917	.....	49,189	.....	62,161	184,717	530,893	187,201	5,298	124,280
1916	.....	173,449	.....	102,087	169,154	503,077	197,659	23,695	170,592
1915	5,057	82,125	455	544,035	898,096	428,806	182,790	39,727	127,520
1914	227,474	99,076	106,511	35,053	63,725	353,440	150,993	34,671	11,018
1913	226,967	74,907	113,182	14,537	55,376	396,779	152,015	20,977	15,303
1912	211,903	112,262	125,564	35,242	83,821	480,934	181,667	16,129	145,579
1911	150,225	84,941	79,530	18,124	48,713	156,724	156,824	4,631	4,042
1910	102,346	67,203	57,220	18,823	43,378	95,000	125,592	29,604	1,831
				30,129					
1909	157,631	96,675	94,782		58,174	208,943	131,453	42,575	6,506
1908	119,470	98,371	90,049	27,684	62,125	200,396	113,997	4,767	4,375
1907	154,168	121,141	113,630	29,092	65,083	262,283	150,343	732	7,775
1906	114,673	112,480	56,375	18,490	44,486	147,269	141,908	29,285	4,603
1905	145,564	129,060	62,572	31,163	72,911	336,575	115,857	79,082	9,405
1904	105,213	168,506	28,158	16,055	61,488	45,870	88,795	56,172	580
1903	157,351	181,938	39,912	42,542	82,243	152,826	127,640	66,507	2,978
1902	132,232	73,446	39,757	22,418	61,679	178,505	129,016	27,500	7,054
1901	154,682	53,171	37,238	53,180	52,325	78,558	102,980	35,103	718
1900	148,319	54,950	44,919	74,635	65,635	323,202	109,983	18,522	13,045
1899	129,524	95,012	57,127	51,621	84,500	182,734	98,230	36,130	4,130
1898	161,941	103,825	35,614	43,509	69,189	224,214	122,495	42,433	13,416
1897	83,485	84,570	23,971	34,731	48,790	64,022	80,408	30,207	333
1896	87,966	91,622	15,912	14,219	51,367	40,388	68,074	38,817	322
1895	145,340	141,998	24,852	25,999	55,319	22,130	105,534	75,953	294
1894	128,907	140,082	960	18,581	39,686	9,603	65,085	35,165	270
1893	90,399	36,356	.....	26,614	22,449	1,586	62,988	41,812	173
1892	134,373	134,392	10,052	27,925	38,996	3,149	79,228	44,235	276
1891	97,423	135,611	4,447	43,669	47,478	4,813	69,261	25,682	20
1890	93,588	193,163	300	17,438	19,927	.....	58,473	26,095	1,974
1889	147,807	144,036	5,610	44,354	18,264	.....	61,143	33,802	263
1888	130,791	216,798	.....	27,725	18,258	.....	52,052	11,414	152
1887	110,288	151,267	.....	43,735	20,519	.....	47,904	11,951	261
1886	125,069	184,924	5,252	31,672	16,053	.....	37,425	21,035	193
1885	85,664	135,131	3,898	37,930	17,750	.....	26,398	11,754	151
1884	30,863	193,639	1,762	53,913	11,027	.....	19,216	22,368	26
1883	42,055	347,354	4,656	57,610	28,780	.....	32,636	41,155	535
1882	4,732	184,233	189	33,820	16,706	.....	35,159	25,075	405
1881	18,318	267,714	4,218	67,502	18,211	.....	25,960	26,772	558
1880	17,896	204,500	1,699	65,325	21,097	.....	19,619	19,763	231
1879	19,127	308,647	2,533	51,734	13,280	.....	15,481	19,796	821
1878	28,383	170,558	3,636	55,909	22,413	.....	14,165	6,844	10
1877	4,597	59,219	.....	53,711	13,202	.....	11,017	7,940	775
1876	31,076	161,794	.....	68,532	15,019	.....	9,961	13,945	899
1875	6,227	131,417	.....	8,141	2,876	.....	7,123	2,310	.....
1874	17,107	108,181	.....	38,009	18,041	.....	8,022	4,579	849
1873	24,253	99,147	2,758	38,172	10,916	.....	2,988	1,101	56
1872	20,197	49,367	.....	45,570	1	.....	3,792	1,914	10
1871	35,867	62,271	4,330	111,405	14,220	.....	4,786	22,649	1,291
1870	3,452	30,341	.....	17,050	1,621	.....	3,122	13,219	177
1869	374	19,525	.....	5,331	536	.....	2,244	4,084	231
1868	1,608	11,748	331	5,045	675	.....	2,091	16,457	126
1867	1,775	10,179	.....	514	214	.....	1,288	6,622	169
1866	653	5,372	.....	283	1,107	.....	1,643	101	485
1865	.....	.....	.....	.....	.....	.....	184	.....	24
1864	.....	.....	.....	.....	.....	.....	110	835	20
1863	.....	.....	.....	26	.....	.....	303	.....	226
1862	.....	.....	.....	.....	.....	.....	115	.....	6
1861	11,364	8,502	.....	5,301	1,767	.....	303	2,821	267
1860	29,601	43,396	14,943	25,515	30,013	.....	2,771	18,087	612
1859	28,657	87,240	33,113	32,311	22,690	.....	114	11,987	1,087
1858	18,691	64,220	13,960	16,995	8,334	.....	261	18,169	4
1857	24,495	63,867	15,229	20,869	22,544	.....	1,715	15,917	4
1856	46,343	9,287	37,306	26,193	38,194	.....	8,317	12,021	123

TABLE 30.—EXPORTS OF DOMESTIC COTTON AND LINTERS—VALUE AND QUANTITY, WITH DISTRIBUTION OF QUANTITY, BY COUNTRIES TO WHICH EXPORTED: 1821 TO 1917—Continued.

YEAR.	EXPORTS OF DOMESTIC COTTON (EQUIVALENT 500-POUND BALES) TO—Continued.								
	Belgium.	Russia.	Austria-Hungary.	Netherlands.	All other Europe.	Japan.	Canada.	Mexico.	All other countries.
1855	24,439	898	1,910	9,883	18,083	.....	1,766	15,054	19
1854	27,961	5,830	29,922	12,096	21,589	.....	145	24,292	1,540
1853	30,989	42,573	35,937	14,078	13,463	.....	24	14,928	544
1852	54,316	20,950	47,897	20,518	12,396	.....	33	13,400	626
1851	32,670	20,197	34,618	11,018	10,639	.....	47	1,692	308
1850	25,492	8,677	18,492	8,590	7,532	.....	89	2,627	384
1849	56,227	21,301	26,559	23,775	26,003	.....	194	4,437	5,761
1848	30,559	20,534	40,868	9,703	10,129	.....	45	.....	9,204
1847	20,369	11,237	23,561	3,957	7,277	.....	208	.....	8,221
1846	14,817	8,585	26,764	7,700	7,324	.....	95	8,785	20,377
1845	28,595	14,991	41,786	25,099	7,887	.....	166	3,323	69,024
1844	19,771	5,536	24,456	6,155	2,610	.....	2,797	11,898	13,291
1843	30,287	6,858	12,032	16,348	898	.....	6	3,265	22,702
1842	16,455	5,668	14,187	16,783	2,477	.....	36	.....	16,448
1841	19,632	1,972	16,263	5,270	4,194	.....	553	.....	20,355
1840	25,780	4,406	26,336	21,698	5,160	.....	59	.....	29,262
1839	2,711	4,209	4,741	3,731	3,270	.....	.....	.....	4,504
1838	11,405	5,577	11,314	15,291	3,069	.....	13	112	5,199
1837	3,539	1,995	16,860	4,345	3,609	.....	16	4	2,977
1836	7,960	2,833	13,925	8,841	6,867	.....	22	14	1,332
1835	2,818	1,950	9,886	8,555	1,963	.....	26	.....	1,161
1834	2,410	2,521	7,611	9,848	2,128	.....	18	.....	152
1833	2,619	2,895	2,215	2,727	2,788	.....	36	206	404
1832	(1)	1,678	3,309	[2] 7,840	3,756	.....	72	.....	945
1831	.....	1,524	5,558	1,945	3,738	.....	678	.....	69
1830	.....	223	5,629	17,135	1,257	.....	19	.....	1
1829	.....	456	8,142	19,196	1,949	.....	21	.....	523
1828	.....	1,300	1,961	7,562	1,853	.....	33	.....	248
1827	.....	294	366	11,725	2,545	.....	70	.....	248
1826	.....	31	67	9,185	2,872	.....	65	.....	635
1825	.....	268	.....	2,840	1,135	.....	14	44	9
1824	.....	1,003	.....	866	402	.....	41	.....	20
1823	.....	619	356	9,301	1,455	.....	192	4	13
1822	.....	1,428	420	3,941	674	.....	2	.....	1,117
1821	.....	609	70	8,372	2,188	.....	.....	.....	4,370

[1] Included with Netherlands. [2] Includes exports to Belgium.

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

Exports of domestic cotton, by months.—In Table 31 the exports of domestic cotton and linters are presented by months and by the more important countries of destination from September, 1912, to July, 1917, inclusive. The total quantity of linters included in each month's exports since September, 1913, is also shown.

TABLE 31.—EXPORTS OF DOMESTIC COTTON AND LINTERS, BY COUNTRIES TO WHICH EXPORTED, BY MONTHS: SEPTEMBER, 1912, TO JULY, 1917, INCLUSIVE.

MONTH.	Year.	EXPORTS OF DOMESTIC COTTON AND LINTERS (RUNNING BALES) TO—						Linters included in exports.
		Total.	United Kingdom.	Germany.	France.	Italy.	All other countries.	
August	1916	425,346	141,050	.....	72,790	98,672	112,834	40,097
	1915	162,059	33,748	.....	9,529	48,025	70,757	11,736
	1914	21,210	6,370	52	5	1,546	13,237	885
	1913	257,172	77,488	72,928	52,933	13,568	40,255	(1)
September	1916	539,679	294,545	.....	64,265	98,115	82,754	27,571
	1915	501,585	230,497	.....	92,217	121,043	57,828	10,624
	1914	125,778	50,980	.....	.....	16,678	58,120	1,808
	1913	930,328	376,426	290,805	131,950	45,290	85,857	3,962
	1912	729,859	345,290	163,449	103,060	36,901	81,159	(1)
October	1916	796,588	439,802	.....	129,503	63,023	164,260	7,430
	1915	675,279	291,740	.....	106,725	139,541	137,273	12,480
	1914	497,132	232,065	.....	22,302	48,147	194,618	4,104
	1913	1,517,891	514,105	465,525	279,469	54,282	204,510	9,457
	1912	1,515,746	638,780	430,744	239,515	63,606	143,101	(1)
November	1916	733,270	313,891	.....	124,202	91,056	204,121	8,058
	1915	524,392	159,099	.....	105,940	96,097	163,256	12,725
	1914	760,929	333,700	1,000	42,290	117,398	266,541	7,267
	1913	1,501,259	530,355	516,853	183,494	67,904	202,563	27,005
	1912	1,734,687	764,928	464,058	263,582	51,756	190,363	(1)
December	1916	765,321	399,461	.....	70,306	94,355	201,199	9,961
	1915	558,278	276,697	.....	78,646	67,813	135,122	11,629
	1914	1,202,115	572,396	47,076	75,030	200,028	307,585	30,431
	1913	1,230,830	473,028	326,938	146,074	80,621	204,169	21,249
	1912	1,391,394	610,386	384,345	165,573	57,056	174,034	(1)
January	1917	600,853	290,735	.....	81,469	38,712	189,937	31,654
	1916	539,415	339,538	.....	25,348	34,800	139,729	5,468
	1915	1,372,183	585,534	99,913	70,901	217,982	397,853	24,012
	1914	1,052,272	437,231	308,116	78,574	54,824	173,527	24,697
	1913	900,931	355,837	240,087	97,818	49,871	157,318	(1)
February	1917	357,776	163,249	.....	96,975	9,237	88,315	35,036
	1916	703,932	425,128	.....	89,520	17,544	171,740	15,297
	1915	1,501,701	633,574	88,508	135,833	157,123	486,663	32,242
	1914	751,013	328,794	212,599	74,785	36,473	98,362	39,325
	1913	530,911	166,726	159,817	26,991	47,450	129,927	(1)
March	1917	355,295	179,198	.....	71,653	29,293	75,151	76,570
	1916	464,035	174,797	.....	99,964	53,047	136,227	37,638
	1915	1,208,573	440,490	6,112	140,311	146,584	475,076	60,175
	1914	695,310	264,999	219,948	70,447	43,130	96,786	39,619
	1913	372,073	97,185	128,019	14,561	44,847	87,461	(1)
April	1917	271,753	86,176	.....	93,251	16,908	75,418	87,468
	1916	522,375	212,871	.....	91,365	56,056	162,083	34,525
	1915	672,035	378,828	.....	64,650	55,956	172,601	17,609
	1914	398,223	147,298	118,198	25,019	32,568	75,140	32,196
	1913	534,596	208,963	133,024	19,899	38,338	134,372	(1)
May	1917	375,822	137,619	.....	93,181	64,208	80,814	73,063
	1916	510,081	206,622	.....	71,589	75,000	156,870	37,516
	1915	615,290	359,675	.....	60,158	57,027	138,430	18,708
	1914	394,714	140,618	132,123	29,837	33,323	58,813	29,047
	1913	468,966	164,871	126,574	23,643	41,440	112,438	(1)
June	1917	245,709	101,357	.....	37,851	28,723	77,778	20,077
	1916	549,926	262,120	.....	63,408	51,670	172,728	51,420
	1915	323,140	119,090	.....	43,941	38,103	122,006	13,065
	1914	295,578	121,726	80,639	11,423	30,349	51,441	23,795
	1913	223,921	88,906	60,804	7,935	27,077	39,199	(1)
July	1917	271,597	135,087	.....	58,639	11,271	66,600	19,176
	1916	479,753	246,305	.....	87,681	28,269	117,498	54,380
	1915	244,477	58,944	.....	27,209	52,969	105,355	11,569
	1914	126,211	43,777	41,291	2,522	22,758	15,863	8,644
	1913	140,710	39,898	40,548	7,132	24,589	28,543	(1)

[1] Not available.

Exports of sea-island cotton.—Statistics of exports of sea-island cotton, by countries to which exported, are given in the following table for the years 1906 to 1917 and for selected years since 1885:

TABLE 32.—EXPORTS OF SEA-ISLAND COTTON, BY COUNTRIES TO WHICH EXPORTED, FOR SPECIFIED YEARS: 1885 TO 1917.

[The statistics for 1915, 1916, and 1917 relate to the 12 months ending July 31, and those for prior years to the 12 months ending Aug. 31.]

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

EXPORTS AND IMPORTS OF COTTON MANUFACTURES.

Closely related to the consumption of cotton in the domestic manufacture of cotton goods is the foreign trade in these fabrics. Accordingly, the following tables, compiled by the Bureau of Foreign and Domestic Commerce, of the Department of Commerce, showing the exports and imports for the last fiscal year, are presented. Table 33 gives the statistics of exports by classes of goods and by countries to which exported; Table 34 gives the imports of cotton manufactures by classes of goods and by countries from which imported; and Table 35 shows the total value of imports and exports for the different countries.

TABLE 33.—EXPORTS OF DOMESTIC MANUFACTURES OF COTTON, BY COUNTRIES TO WHICH EXPORTED, FOR THE YEAR ENDING JUNE 30, 1917.

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

(Table continued on p. 76.)

COUNTRY.	EXPORTS OF DOMESTIC MANUFACTURES OF COTTON.						
	Total value.	Cloths.					
		Unbleached.		Bleached.		Colored.	
		Yards.	Value.	Yards.	Value.	Yards.	Value.
Total	$136,299,842	157,196,809	$16,335,346	101,566,374	$10,611,015	431,430,713	$45,661,749
EUROPE:							
United Kingdom	10,779,950	4,756,906	2,047,036	233,391	83,814	589,165	76,153
Norway	1,820,524	978,285	241,361	427,133	81,512	3,919,392	585,556
Sweden	767,289	117,014	76,537	801,512	82,141	521,383	56,740
Denmark	1,146,408	288,913	79,656	268,351	37,337	1,030,086	139,478
Italy	629,472	56,774	5,100	45,150	2,799	66,539	7,152
Netherlands	766,954	126,354	44,190	19,257	5,377	152,781	30,335
France	2,109,809	810,079	350,953	1,236,707	181,892	1,287,124	296,541
Russia including Asiatic Russia)	932,509	830,837	483,802	56,088	5,831	134,050	47,940
Spain	197,512	34,555	6,114	26,557	3,125	159,556	23,971
All other Europe	1,136,810	799,110	149,616	455,323	52,935	1,130,136	121,266
NORTH AMERICA:							
Canada including Newfoundland	28,264,480	9,576,930	1,397,419	8,636,828	978,770	60,908,292	8,056,404
Mexico	11,011,886	10,923,524	1,015,140	13,177,746	1,350,830	50,284,969	5,504,942
Panama	2,009,904	1,579,757	136,078	1,303,126	152,098	4,827,457	428,072
San Salvador	1,181,285	10,445,354	557,298	622,598	52,653	5,174,605	448,469
Honduras	1,547,402	4,610,701	275,633	2,019,941	158,285	9,169,726	771,119
Guatemala	1,341,268	5,179,817	353,319	1,087,530	100,428	7,058,558	653,976
Nicaragua	980,890	2,517,449	170,923	1,524,544	142,181	4,665,962	423,406
Costa Rica	703,047	1,853,427	119,989	736,351	63,853	3,040,306	311,325
British Honduras	241,109	209,204	18,390	140,559	13,754	899,657	81,015
Cuba	10,630,627	6,405,899	724,174	13,603,743	1,366,803	38,185,958	3,646,172
Haiti	2,496,083	4,065,292	280,829	3,619,053	323,703	17,112,103	1,729,554
Santo Domingo	2,665,670	2,346,733	205,166	3,005,739	279,426	16,056,547	1,635,913
British West Indies	2,301,693	3,998,731	301,544	2,462,606	205,155	12,300,086	1,089,345
Dutch West Indies	259,353	208,686	26,601	300,205	30,929	1,029,051	99,106
Danish West Indies	92,288	35,528	5,925	76,435	7,990	303,887	35,153
French West Indies (including Miquelon)	214,405	195,670	35,651	77,062	11,793	1,067,023	125,515
Bermuda	166,337	21,097	3,208	65,543	6,065	116,580	15,186
SOUTH AMERICA:							
Chili	4,489,399	14,292,887	1,132,331	4,107,737	488,093	8,871,780	1,067,615
Columbia	3,793,316	5,166,779	369,672	5,955,939	451,587	21,160,912	1,807,659
Brazil	1,588,549	558,572	80,207	752,117	123,282	4,156,880	596,836
Argentina	9,414,827	4,463,080	507,227	5,903,937	688,306	26,737,257	3,029,980
Venezuela	2,278,406	3,520,899	344,748	2,923,452	284,631	13,813,634	1,243,133
Guiana	622,084	563,633	53,859	474,528	41,979	4,164,002	389,265
Uruguay	1,293,382	689,334	86,238	709,897	71,958	2,252,619	295,797
Peru	2,584,311	1,899,553	185,424	2,100,842	272,694	12,411,995	1,409,079
Ecuador	1,311,401	1,448,253	124,221	2,061,468	210,271	6,398,029	612,273
Bolivia	855,604	3,270,856	238,487	2,118,653	165,228	2,833,101	295,685
Paraguay	49,925	6,958	1,497	30,295	3,511	284,666	32,337
ASIA AND OCEANIA:							
China	681,044	2,012,597	162,262	434,186	52,486	1,384,711	144,163
Aden	1,134,218	16,856,500	1,124,062	18,400	1,472	87,100	6,533
British India	894,480	3,399,044	320,208	1,398,960	151,681	1,502,443	156,105
Japan	463,106	297,558	71,931	455,522	67,438	703,315	77,437
Hongkong	253,817	149,520	37,694	382	46	584,768	72,530
British Australasia	5,812,428	4,644,447	747,557	807,339	135,774	12,328,983	1,487,482
Philippine Islands	9,340,976	8,462,360	678,592	14,100,056	1,487,093	63,998,723	5,723,512
All other Asia and Oceania	908,793	464,836	105,932	484,195	56,034	3,685,722	379,363
AFRICA:							
British East Africa	582,479	9,006,058	552,277	120,085	11,823	40,645	5,458
British South Africa	1,252,939	1,631,117	200,161	458,943	50,298	2,112,092	293,219
All other Africa	299,397	1,419,252	99,107	120,363	13,851	726,297	96,484

TABLE 33.—EXPORTS OF DOMESTIC MANUFACTURES OF COTTON, BY COUNTRIES TO WHICH EXPORTED, FOR THE YEAR ENDING JUNE 30, 1917—Continued.

COUNTRY.	EXPORTS OF DOMESTIC MANUFACTURES OF COTTON—continued.					
	Clothing and other wearing apparel.		Cotton waste.		Yarn (value).	All other manufactures of cotton (value).
	Knit goods (value).	All other (value).	Pounds.	Value.		
Total	$17,758,193	$13,386,534	50,865,551	$6,027,327	$5,195,559	$21,324,119
EUROPE:						
United Kingdom	4,427,356	382,782	18,223,243	2,362,548	53,059	1,347,202
Norway	395,420	213,345	.....	.....	3,143	300,187
Sweden	255,137	41,322	31,481	3,778	57,541	194,093
Denmark	474,982	131,106	69,204	9,817	18,687	255,345
Italy	156,031	13,281	2,492,623	365,718	50	79,341
Netherlands	294,813	216,436	505,356	10,443	50,294	115,066
France	483,261	126,251	1,296,597	192,209	32,193	446,509
Russia (including Asiatic Russia)	131,669	24,247	9,015	1,190	.....	237,830
Spain	12,796	10,208	274,050	32,534	80	108,684
All other Europe	257,137	111,342	142,505	16,143	32,798	395,573
NORTH AMERICA:						
Canada (including Newfoundland)	1,684,948	4,468,320	23,382,098	2,585,609	1,328,211	7,764,799
Mexico	538,027	1,246,017	273,197	30,540	26,441	1,299,949
Panama	234,465	672,950	421,179	49,210	219	336,812
San Salvador	36,367	12,149	10,883	1,203	9,572	63,574
Honduras	56,353	150,127	31,666	3,245	3,438	120,202
Guatemala	29,052	66,534	43,888	4,537	44,167	89,255
Nicaragua	46,038	112,976	18,820	1,799	4,742	78,825
Costa Rica	43,699	61,041	19,978	2,174	360	100,606
British Honduras	18,881	75,389	9,413	1,192	230	32,258
Cuba	1,463,437	1,569,738	2,126,644	204,818	103,827	1,551,658
Haiti	43,870	35,946	11,259	1,147	366	80,668
Santo Domingo	124,785	161,486	52,315	5,356	404	253,134
British West Indies	221,251	271,483	82,754	8,937	1,820	202,158
Dutch West Indies	17,219	54,422	7,622	981	577	29,518
Danish West Indies	9,378	17,642	10,030	1,298	60	14,842
French West Indies (including Niquelon)	7,915	11,000	732	80	44	22,407
Bermuda	46,433	63,191	5,145	624	359	31,271
SOUTH AMERICA:						
Chile	537,306	139,279	805,455	72,055	655,058	397,662
Columbia	173,988	237,557	27,172	3,156	329,094	420,603
Brazil	155,528	94,705	89,778	10,815	109,581	417,595
Argentina	1,657,979	309,410	61,011	5,886	2,005,538	1,210,501
Venezuela	94,302	25,869	55,814	6,661	8,445	270,617
Guiana	55,542	33,750	9,348	1,152	590	45,944
Uruguay	492,905	68,366	3,314	454	167,845	109,825
Peru	269,704	179,726	134,564	14,360	7,613	245,711
Ecuador	102,302	125,695	19,724	2,256	4,694	129,689
Bolivia	53,486	21,935	6,243	747	30,458	49,578
Paraguay	2,296	.....	.....	.....	940	9,344
ASIA AND OCEANIA:						
China	114,055	55,717	19,657	2,336	17,729	132,296
Aden	17	446	.....	.....	.....	1,688
British India	54,277	59,351	11,703	2,103	1,563	149,192
Japan	43,262	76,576	5,737	695	5,335	120,432
Hongkong	15,544	17,919	.....	.....	11,360	98,724
British Australasia	1,784,191	898,373	35,753	4,159	37,078	717,814
Philippine Islands	211,772	311,163	15,589	1,967	28,973	897,904
All other Asia and Oceania	124,358	103,671	.....	.....	835	138,600
AFRICA:						
British East Africa	1,350	151	112	17	.....	11,403
British South Africa	264,099	286,392	9,057	959	148	157,663
All other Africa	39,210	19,758	3,823	419	.....	30,568

TABLE 34.—IMPORTS OF COTTON MANUFACTURES, BY COUNTRIES FROM WHICH IMPORTED, FOR THE YEAR ENDING JUNE 30, 1917.

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

COUNTRY.	IMPORTS OF COTTON MANUFACTURES.											
	Total value.	Cloths.						Clothing, ready-made, and other wearing apparel.		Laces, edgings, embroideries, etc. (value).	Thread and yarn (value).	All other manufactures of cotton (value).
		Colored.		Bleached.		Unbleached.						
		Square yards.	Value.	Square yards.	Value.	Square yards.	Value.	Knit goods (value).	All other clothing (value).			
Total	$56,181,684	46,922,412	$11,087,890	13,750,948	$2,441,450	13,339,618	$1,622,492	$399,088	$1,845,958	$16,648,857	$9,809,493	$12,326,456
EUROPE:												
United Kingdom	39,542,259	36,252,113	9,685,512	10,736,389	1,884,927	13,143,555	1,589,181	105,913	151,491	6,715,420	9,754,683	9,655,132
Germany	53,500	62	38					41,391	1,260	8,528	9	2,274
France	5,856,723	574,791	214,271	517,516	138,708	18,890	4,352	44,829	1,025,681	4,079,621	60	349,201
Switzerland	4,286,848	117,016	18,200	1,869,604	324,409	161,758	27,258	168,071	168,960	3,294,381	3,204	282,365
Austria-Hungary												
Belgium	9,695								109	9,586		
Italy	1,526,695	24,713	7,920	6,388	3,651	1,240	321	13	5,079	822,058		687,653
Spain	90,595	155,855	34,177	11,294	1,208			2,243	33,606	5,492	1,423	12,446
Turkey (including Asiatic Turkey)												
Netherlands	191,738	385,222	60,902	26,357	8,218			8,154	84	72,393	39,208	2,779
All other Europe	94,656							5,652	1,123	77,214		10,667
AMERICA:												
Canada	184,367	445	155	720	162	6,353	671	55	3,003	7,289	2,477	170,555
Mexico	90,814	9	1						460	5,368		84,985
All other America	7,796	344	62						1,010	2,181	889	3,654
Japan	3,844,581	9,410,753	1,066,483	569,476	76,683	7,822	709	21,136	432,414	1,360,605	7,540	879,011
China	340,694	435	41					1,478	10,930	177,299		150,946
British India	23,578								17	8,215		15,346
All other countries	37,145	654	128	13,804	3,484			153	10,731	3,207		19,442

TABLE 35.—VALUE OF EXPORTS AND IMPORTS OF COTTON MANUFACTURES, BY COUNTRIES TO WHICH EXPORTED OR FROM WHICH IMPORTED, FOR THE YEAR ENDING JUNE 30: 1900, 1905, 1906, AND 1908 TO 1917.

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

COUNTRY.	1917	1916	1915	1914	1913	1912
EXPORTS.						
Total	$136,299,842	$112,053,235	$71,685,259	$51,467,238	$53,743,977	$50,769,511
EUROPE:						
United Kingdom	10,799,950	26,706,477	23,694,368	4,360,288	4,782,758	3,946,923
Germany	.....	1,468	117,311	1,654,368	1,304,519	933,429
All other Europe	9,507,287	11,537,916	6,287,823	2,237,685	1,889,399	1,594,826
AMERICA:						
Canada	28,264,489	18,274,627	9,771,888	9,559,177	10,536,412	8,590,398
Mexico	11,011,886	4,891,956	2,260,834	1,200,704	1,064,892	988,263
Central America	8,004,905	4,564,658	1,982,498	3,530,303	3,434,742	3,945,437
British West Indies (including Bermuda)	2,468,030	1,973,542	1,233,055	1,342,519	1,022,049	1,329,675
Cuba	10,630,627	7,741,671	4,325,431	2,832,602	2,903,395	3,090,262
Haiti	2,495,083	2,276,749	770,452	1,706,208	1,465,690	1,756,755
All other North America	3,231,716	1,584,558	2,131,500	919,824	1,138,534	1,112,072
Brazil	1,588,549	782,755	182,715	229,262	386,368	308,712
Chile	4,489,399	1,638,043	639,031	889,544	808,674	805,125
Colombia	3,793,316	2,607,192	846,793	849,433	1,453,774	1,162,092
Peru	2,584,311	675,686	128,301	216,169	198,331	227,607
Venezuela	2,278,406	1,114,606	413,203	413,096	376,314	498,079
All other South America	13,547,220	8,529,655	1,609,616	1,201,848	1,281,848	1,142,989
ASIA AND OCEANIA:						
China	681,044	953,677	1,261,601	6,188,192	5,796,984	7,471,103
British India	894,480	1,262,347	1,032,999	1,071,397	1,276,076	979,850
British Australasia	5,812,428	5,312,125	2,333,682	1,900,201	1,813,058	1,694,068
Aden	1,134,218	1,012,830	1,478,922	1,918,906	1,433,950	2,026,394
Philippine Islands	9,340,976	5,976,922	7,868,489	6,706,094	7,077,165	5,277,192
All other Asia and Oceania	1,625,716	777,938	454,099	677,668	771,210	613,115
AFRICA	2,134,815	1,855,837	860,648	761,745	1,527,835	1,275,145
IMPORTS.						
Total	56,181,684	47,511,870	46,205,123	69,410,964	63,935,983	63,506,574
EUROPE:						
United Kingdom	39,542,259	27,772,312	20,220,239	23,852,547	20,361,396	19,400,725
Germany	53,500	1,991,717	10,140,775	17,617,863	16,406,123	15,384,519
France	5,856,723	6,710,360	5,929,776	14,836,509	12,264,492	11,694,388
Switzerland	4,286,848	7,879,254	7,360,128	10,335,521	11,546,075	13,902,023
Belgium	9,695	28,342	220,702	416,844	465,001	554,375
Austria-Hungary	.....	20,344	195,331	432,380	609,780	615,410
Italy	1,526,695	741,448	421,409	338,273	337,895	310,025
Spain	90,595	72,272	115,840	99,501	88,779	104,482
Turkey (including Asiatic Turkey)	.....	2,796	25,353	190,002	509,749	582,899
All other Europe	286,394	235,161	187,495	146,946	152,678	121,867
AMERICA:						
Canada	184,367	77,962	129,768	30,193	19,892	19,108
Mexico	90,814	34,649	35,088	25,587	21,932	56,248
All other America	7,796	6,337	13,227	4,706	10,649	7,801
Japan	3,844,581	1,861,382	1,156,104	1,007,133	1 029,086	665,926
China	340,694	61,864	28,767	45,235	56,174	30,819
British India	23,578	3,578	6,370	13,381	31,150	34,237
All other countries	37,145	12,092	18,751	18,343	34,132	21,722

TABLE 35.—VALUE OF EXPORTS AND IMPORTS OF COTTON MANUFACTURES, BY COUNTRIES TO WHICH EXPORTED OR FROM WHICH IMPORTED, FOR THE YEAR ENDING JUNE 30, 1900, 1905, 1906, AND 1908 TO 1917—Continued.

COUNTRY.	1911	1910	1909	1908	1906	1905	1900
EXPORTS.							
Total	$40,851,918	$33,398,672	$31,878,566	$25,177,758	$52,944,033	$49,666,080	$24,003,087
EUROPE:							
United Kingdom	3,511,690	2,857,625	2,092,212	2,487,349	2,042,377	1,446,409	1,256,729
Germany	927,166	896,351	1,035,235	1,140,332	971,647	601,541	385,683
All other Europe	1,055,002	979,590	738,992	972,741	654,353	383,692	270,229
AMERICA:							
Canada	6,474,722	5,242,511	3,712,506	3,279,519	3,587,567	3,030,341	2,691,992
Mexico	797,617	772,127	646,488	869,244	821,302	880,074	958,889
Central America	3,417,774	2,511,625	2,456,345	2,363,424	2,260,618	2,052,298	1,176,142
British West Indies (including Bermuda)	967,547	819,124	950,876	687,311	713,885	659,382	435,949
Cuba	2,235,350	1,644,498	1,905,964	1,585,376	1,507,473	1,330,260	612,252
Haiti	1,510,425	1,220,290	1,258,197	742,978	822,815	524,860	745,663
All other North America	999,611	762,347	579,181	577,516	452,468	650,342	560,290
Brazil	413,184	388,760	265,177	373,545	636,374	823,120	436,118
Chile	1,001,591	666,133	490,016	616,814	898,155	764,468	531,131
Colombia	980,984	892,886	823,216	624,587	693,021	896,143	310,360
Peru	176,323	158,476	104,760	132,409	112,797	157,202	113,332
Venezuela	449,254	289,797	346,443	319,937	429,645	438,094	333,294
All other South America	1,011,398	963,874	1,005,291	692,939	902,684	1,105,447	355,556
ASIA AND OCEANIA:							
China	5,412,849	5,847,392	8,067,472	3,413,248	29,814,075	28,017,190	8,804,778
British India	715,174	732,184	760,677	296,807	655,346	486,843	524,419
British Australasia	1,773,201	962,154	979,440	1,039,426	1,285,085	1,079,179	622,228
Aden	1,067,382	464,413	1,312,265	998,736	1,634,134	1,140,875	(1)
Philippine Islands	4,305,518	2,936,398	1,059,042	836,845	403,896	850,244	(1)
All other Asia and Oceania	681,955	690,710	605,024	711,534	862,092	1,761,726	1,838,346
AFRICA	966,201	699,407	682,747	415,141	782,224	586,350	[2] 1,039,707
IMPORTS.							
Total	64,056,473	66,473,143	62,010,286	68,379,781	63,043,322	48,919,936	41,296,239
EUROPE:							
United Kingdom	19,747,868	20,365,696	19,951,548	22,421,517	19,446,227	15,089,333	17,110,588
Germany	15,689,422	16,707,993	14,859,770	18,036,650	16,459,615	14,332,763	8,863,297
France	11,189,892	11,820,515	11,959,565	11,669,509	13,038,125	8,701,625	5,623,340
Switzerland	14,988,217	15,463,607	13,533,057	14,478,092	12,578,536	9,728,717	8,975,580
Belgium	484,744	522,323	558,974	635,846	458,557	354,214	321,863
Austria-Hungary	604,556	659,844	490,658	280,236	218,974	113,833	107,128
Italy	199,036	125,661	66,399	182,792	97,520	41,281	10,093
Spain	109,488	57,965	49,027	84,811	86,952	57,400	2,747
Turkey (including Asiatic Turkey)	271,834	156,228	90,564	89,552	43,725	42,796	68,355
All other Europe	97,566	115,709	80,937	59,011	132,716	82,952	19,634
AMERICA:							
Canada	46,788	21,470	10,877	20,912	10,467	19,429	6,527
Mexico	42,716	29,765	23,414	28,787	39,110	44,154	33,328
All other America	15,788	10,441	4,778	4,347	2,074	2,465	1,460
Japan	490,177	292,951	236,062	305,270	316,278	202,736	71,066
China	31,641	16,306	11,180	29,028	14,657	25,618	25,073
British India	28,255	44,789	21,984	44,036	67,872	50,441	47,742
All other countries	18,485	61,880	61,492	9,385	31,917	30,179	8,418

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

PRODUCTION, CONSUMPTION, EXPORTS, AND IMPORTS OF COTTON.

Table 36 shows the production of cotton, average and net weight of bale, average value per pound, consumption of cotton and linters, exports of domestic cotton, and net imports of raw cotton from 1790 to 1916, thus presenting a complete record of the cotton trade for the United States.

TABLE 36.—PRODUCTION, CONSUMPTION, EXPORTS, AND NET IMPORTS OF RAW COTTON, FOR THE UNITED STATES: 1790 TO 1916.

Production.—The production statistics relate, when possible, to the year of growth, but when figures for the growth year are wanting, those for a commercial crop which represents the trade movement have been taken. The statistics of production for the years 1790 to 1898, inclusive, have been compiled from publications of the Department of Agriculture; for the years 1899 to 1916, inclusive, and for other years, when available, census figures have been used.

Price of upland cotton.—For the years 1910 to 1916, inclusive, the price per pound shown for upland cotton represents the average price received for cotton by the growers as computed by the Department of Agriculture; for the years 1902 to 1909 it is the average price of the average grade marketed in New Orleans prior to April 1 of the following year; for the years 1890 to 1901, inclusive, it is the average price of middling cotton on the New Orleans Cotton Exchange; and for the years 1790 to 1889, inclusive, it is taken from reports of the Department of Agriculture.

Consumption.—The statistics of consumption for the years 1790 to 1894, inclusive, have been compiled from publications of the Department of Agriculture, and those for the years 1895 to 1903, inclusive, from the reports of Latham, Alexander & Co. Census figures have been used for the years 1904 to 1916, inclusive, and for other years when available. The statistics relate to the 12 months during which the crop of the specified year was chiefly marketed, and not to the calendar year specified.

Domestic exports and net imports.—For the years 1790 to 1819, inclusive, the statistics have been taken from American state papers, and for the years 1820 to 1916 from the reports on Commerce and Navigation of the United States, published by the Bureau of Foreign and Domestic Commerce, Department of Commerce. For the years 1790 to 1842, inclusive, the statistics of exports relate to the 12 months beginning with October 1 of the specified year; for 1843 to 1866, inclusive, to the 12 months beginning with July 1; for 1867 to 1913, inclusive, to the 12 months beginning with September 1; and for 1914 and 1916 to the 12 months beginning with August 1. The statistics of imports relate to the same periods as the statistics of exports.

YEAR.	COTTON PRODUCTION (EXCLUSIVE OF LINTERS).				Consumption of cotton and linters (equivalent 500-pound bales).	Exports of domestic cotton (equivalent 500-pound bales).	Net imports (equivalent 500-pound bales).
	Running bales, counting round as half bales.	Equivalent 500-pound bales, gross weight.	Average net weight of bale (lbs.).	Average price per pound, upland cotton (cents).			
1916	11,363,915	11,449,930	482	17.3	7,721,354	5,963,682	288,486
1915	11,068,173	11,191,820	484	11.2	7,326,598	6,405,993	420,995
1914	15,905,840	16,134,930	485	7.3	6,087,338	8,931,253	363,595
1913	13,982,811	14,156,486	484	12.5	5,942,808	9,256,028	265,646
1912	13,488,539	13,703,421	486	11.5	5,867,431	9,199,093	225,460
1911	15,553,073	15,692,701	483	9.6	5,400,005	10,681,332	229,268
1910	11,568,334	11,608,616	480	14.0	4,713,126	8,025,991	231,191
1909	10,072,731	10,004,949	475	14.3	4,759,364	6,491,843	151,395
1908	13,086,005	13,241,799	484	9.2	5,198,963	8,889,724	165,451
1907	11,057,822	11,107,179	480	11.5	4,493,028	7,779,508	140,869
1906	12,983,201	13,273,809	489	10.0	4,974,199	8,825,236	202,733
1905	10,495,105	10,575,017	482	10.9	4,877,465	6,975,494	133,464
1904	13,451,337	13,438,012	478	8.7	4,523,208	9,057,397	130,182
1903	9,819,969	9,851,129	480	12.2	3,980,567	6,233,682	100,298
1902	10,588,250	10,630,945	481	8.2	4,187,076	6,913,506	149,113
1901	9,582,520	9,509,745	489	8.1	4,080,287	6,876,313	190,080
1900	10,102,102	10,123,027	480	9.3	3,603,516	6,806,572	116,610
1899	9,393,242	9,345,391	476	7.6	3,687,253	6,167,623	134,778
1898	11,189,205	11,435,368	489	4.9	3,672,097	7,626,525	103,223
1897	10,897,857	10,985,040	482	5.6	3,472,398	7,811,031	105,802
1896	8,532,705	8,515,640	477	7.3	2,841,394	6,124,026	114,712
1895	7,161,094	7,146,772	477	8.2	2,499,731	4,761,505	112,001
1894	9,901,251	10,025,534	484	5.9	2,983,665	6,961,372	99,399
1893	7,493,000	7,433,056	474	7.5	2,300,276	5,307,295	59,405
1892	6,700,365	6,658,313	475	8.4	2,415,875	4,485,251	85,735
1891	9,035,379	8,940,867	473	7.3	2,846,753	5,896,800	64,394
1890	8,652,597	8,562,089	473	8.6	2,604,491	5,850,219	45,580
1889	7,472,511	7,472,511	478	11.5	2,518,409	4,928,921	18,334
1888	6,938,290	6,923,775	477	10.7	2,309,250	4,730,192	15,284
1887	7,046,833	6,884,667	467	10.3	2,205,302	4,519,254	11,983
1886	6,505,087	6,314,561	464	10.3	2,049,687	4,301,542	7,552
1885	6,575,691	6,369,341	463	9.4	2,094,682	4,200,651	8,270
1884	5,682,000	5,477,448	460	10.5	1,687,108	3,783,319	7,144
1883	5,713,200	5,521,963	462	10.6	1,813,865	3,733,369	11,247
1882	6,949,756	6,833,442	470	10.6	2,038,400	4,591,331	4,716

TABLE 36.—PRODUCTION, CONSUMPTION, EXPORTS, AND NET IMPORTS OF RAW COTTON FOR THE UNITED STATES: 1790 TO 1917—Continued.

YEAR.	COTTON PRODUCTION (EXCLUSIVE OF LINTERS).				Consumption of cotton and linters (equivalent 500-pound bales).	Exports of domestic cotton (equivalent 500-pound bales).	Net imports (equivalent 500-pound bales).
	Running bales, counting round as half bales.	Equivalent 500-pound bales, gross weight.	Average net weight of bale (lbs.).	Average price per pound, upland cotton (cents).			
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
1873	4,170,388	3,873,750	444	17.0	1,213,052	2,682,631	3,541
1872	3,930,508	3,650,932	444	18.2	1,115,691	2,470,590	10,016
1871	2,974,351	2,756,564	443	20.5	1,146,730	1,824,937	6,374
1870	4,352,317	4,024,527	442	17.0	1,026,583	2,922,757	1,802
1869	[1] 3,011,996	2,409,597	440	24.0	796,616	1,987,708	3,026
1868	2,366,467	2,198,141	444	29.0	860,481	1,300,449	1,870
1867	2,519,554	2,345,610	445	24.9	844,044	1,502,756	345
1866	2,097,254	1,948,077	444	31.6	715,258	1,401,697	[2] 1,035
1865	2,269,316	2,093,658	441	43.2	614,540	1,301,146	10,322
1864	300,000	299,372	477	83.4	344,278	17,789	68,798
1863	450,000	449,059	477	101.5	219,540	23,988	52,405
1862	1,600,000	1,596,653	477	67.2	287,397	22,770	67,695
1861	4,500,000	4,490,586	477	31.3	369,226	10,129	61,731
1860	3,849,469	3,841,416	477	13.0	841,975	615,032	.....
1859	[1] 5,387,052	4,309,642	461	11.0	845,410	3,535,373	.....
1858	4,018,914	3,758,273	447	12.1	867,489	2,772,937	.....
1857	3,257,339	3,012,016	442	12.2	550,708	2,237,248	.....
1856	3,093,737	2,873,680	444	13.5	761,614	2,096,565	1,678
1855	3,665,557	3,220,782	420	10.3	731,484	2,702,863	2,295
1854	2,982,634	2,708,082	434	10.4	641,391	2,016,849	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	[1] 2,409,093	1,975,274	429	12.3	575,506	1,270,763	485
1848	2,866,938	2,615,031	436	7.5	586,032	2,053,204	22
1847	2,439,786	2,128,433	417	8.0	537,427	1,628,549	558
1846	1,778,651	1,603,763	431	11.2	385,916	1,054,440	122
1845	2,100,537	1,806,110	411	7.9	363,365	1,095,116	386
1844	2,394,503	2,078,910	415	5.6	337,730	1,745,812	[2] 680
1843	2,030,409	1,750,060	412	7.7	298,872	1,327,267	517
1842	2,378,875	2,035,481	409	7.2	278,196	1,584,594	1,835
1841	1,683,574	1,398,282	397	7.8	222,461	1,169,434	107
1840	1,634,954	1,347,640	394	9.5	245,045	1,060,408	1,210
1839	2,063,915	1,653,722	383	8.9	236,525	1,487,882	297
1838	1,360,532	1,092,980	384	13.4	221,738	827,248	319
1837	1,801,497	1,428,384	379	10.1	195,100	1,191,905	355
1836	1,423,930	1,129,016	379	13.2	176,449	888,423	[2] 510
1835	1,360,725	1,061,821	373	16.5	184,731	847,263	427
1834	1,253,406	962,343	367	17.4	166,523	774,718	1,574
1833	1,225,895	930,962	363	12.9	149,159	769,436	308
1832	1,114,286	815,900	350	12.3	142,352	649,397	69
1831	1,069,444	805,439	360	9.4	130,895	644,430	[2] 22
1830	1,026,393	732,218	341	9.7	129,938	553,960	22
1829	1,076,696	763,598	339	10.0	89,723	596,918	378
1828	953,079	679,916	341	9.9	84,788	529,674	[2] 40
1827	805,970	564,854	335	10.3	84,516	421,181	597
1826	1,057,402	732,218	331	9.3	103,535	588,620	74
1825	817,308	533,473	312	12.2	.....	409,071	79
1824	751,748	449,791	286	18.6	.....	352,900	26
1823	656,028	387,029	282	14.7	.....	286,739	932

[1] Equivalent 400-pound bales.

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

TABLE 36.—PRODUCTION, CONSUMPTION, EXPORTS, AND NET IMPORTS OF RAW COTTON FOR THE UNITED STATES: 1790 TO 1917—Continued.

YEAR.	COTTON PRODUCTION (EXCLUSIVE OF LINTERS).				Consumption of cotton and linters (equivalent 500-pound bales).	Exports of domestic cotton (equivalent 500-pound bales).	Net imports (equivalent 500-pound bales).
	Running bales, counting round as half bales.	Equivalent 500-pound bales, gross weight.	Average net weight of bale (lbs.).	Average price per pound, upland cotton (cents).			
1822	704,698	439,331	298	11.4	.....	347,447	110
1821	636,042	376,569	283	14.3	.....	289,350	[1] 196
1820	575,540	334,728	278	14.3	100,000	249,787	427
1819	632,576	349,372	264	17.0	.....	255,720	[1] 4,571
1818	446,429	261,506	280	24.0	.....	175,994	[1] 4,454
1817	465,950	271,967	279	34.0	.....	184,942	3,086
1816	439,716	259,414	282	26.0	.....	171,209	2,048
1815	369,004	209,205	271	29.0	.....	163,894	[1] 44
1814	254,545	146,444	275	21.0	51,778	165,997	[1] 266
1813	304,878	156,904	246	15.5	.....	35,458	101
1812	304,878	156,904	246	12.5	.....	38,220	3,133
1811	325,203	167,364	246	10.5	.....	57,775	897
1810	286,195	177,824	297	15.5	35,565	124,116	431
1809	328,000	171,548	250	16.0	33,473	186,523	[1] 560
1808	334,821	156,904	224	16.0	.....	101,981	[1] 1,601
1807	289,855	167,364	276	19.0	.....	21,261	6,297
1806	285,714	167,364	280	21.5	.....	127,889	1,485
1805	304,348	146,444	230	22.0	.....	71,315	961
1804	261,044	135,983	249	23.0	23,013	76,780	456
1803	222,222	125,523	270	20.0	.....	70,068	183
1802	231,092	115,063	238	19.0	.....	75,424	[1] 1,153
1801	210,526	100,418	228	19.0	.....	47,768	[1] 170
1800	153,509	73,222	228	44.0	18,829	41,822	8,696
1799	88,889	41,841	225	28.0	16,737	35,580	8,870
1798	66,667	31,381	225	44.0	.....	19,065	7,532
1797	48,889	23,013	225	39.0	.....	18,720	7,761
1796	44,444	20,921	225	34.0	.....	7,577	7,336
1795	35,556	16,736	225	36.5	.....	12,213	8,737
1794	35,556	16,736	225	36.5	.....	9,414	8,592
1793	22,222	10,460	225	33.0	.....	3,565	5,127
1792	13,333	6,276	225	32.0	.....	1,097	5,503
1791	8,889	4,184	225	29.0	.....	277	1,112
1790	6,667	3,138	225	26.0	11,000	379	697

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

THE WORLD'S PRODUCTION AND CONSUMPTION OF COTTON.

The production and consumption of cotton throughout the world have been considerably affected by the European war, which has greatly disturbed normal conditions of trade and made transportation hazardous and expensive. The low prices obtained by the growers for the crop of 1914 was due, primarily, not to the fact that the production as a whole was the largest on record, but to the demoralization of the market following the beginning of hostilities in that year. Because of these unusual and inimical conditions, the area planted to cotton was largely reduced in all the principal cotton-growing countries except Russia in 1915. These conditions brought about also a reduction of factory activities and the world's stocks on July 31, 1915, were much larger than had ever before been the case. During the past two years, however, the consumption of cotton, stimulated by the actual needs of belligerents and neutrals alike, and somewhat stabilized by practical adaptation to conditions, has considerably exceeded the production from the last two world's crops. The excess over the normal quantity carried over from the crop of 1914 has so nearly supplied this difference that the total of stocks on July 31, 1917, shows no extraordinary reduction below the average of normal years. However, the conditions and difficulties affecting the cultivation of cotton during the current crop year indicate that there will be no considerable increase in production and a further decrease of stocks at the end of July, 1918, appears probable.

WORLD'S COTTON PRODUCTION.

War conditions have also made the obtaining of reliable information concerning the production and consumption of cotton in foreign countries difficult in most instances and impossible in others, except in so far as approximations can be made from partial information gleaned from many different sources. The statistics of production shown in Table 37 have been obtained for some of the countries from official reports, which, however, contain a large element of estimation because of the methods of compilation employed, and for others by special correspondence, or from consular reports, trade publications, and miscellaneous sources. The table shows for the important producing countries separately and for all other countries combined the commercial production of cotton from the crops of 1912 to 1916, inclusive. The figures for some of the countries, as shown in previous bulletins, have been revised.

TABLE 37.—WORLD'S PRODUCTION OF COMMERCIAL COTTON, BY COUNTRIES: 1912 TO 1916.

[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; Reinhart & Co., Alexandria; Commercial Intelligence Department of the Indian Government; Pan American Union; and the United States Consular Reports.]

COUNTRY.	COTTON PRODUCTION (BALES OF 500 POUNDS NET).				
	1916	1915	1914	1913	1912
Total	18,365,000	17,795,000	23,836,000	21,618,000	20,602,000
United States	10,956,000	10,709,000	15,438,000	13,545,000	13,113,000
India [1]	3,058,000	2,630,000	3,807,000	3,692,000	3,328,000
Russia	1,230,000	1,600,000	1,217,000	1,030,000	917,000
Egypt	1,193,000	963,000	1,384,000	1,496,000	1,492,000
China [2]	810,000	845,000	750,000	620,000	700,000
Brazil	420,000	250,000	440,000	420,000	315,000
Mexico	140,000	125,000	125,000	150,000	140,000
Peru	108,000	93,000	103,000	110,000	110,000
All other countries	450,000	580,000	572,000	555,000	487,000

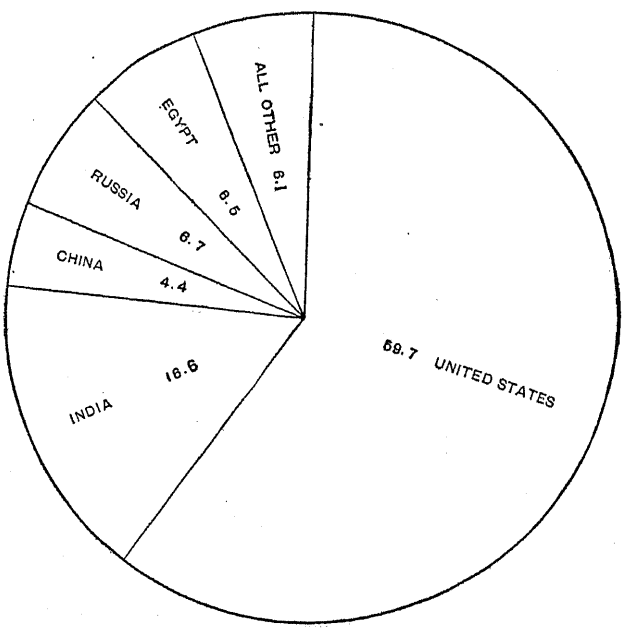
[1] The amounts for India do not include cotton used in home manufacture, although such cotton is included in the reports of cotton produced compiled by the Indian Government.
[2] Consists of cotton exported and cotton consumed in spinning mills.

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

The world's production of cotton in 1916—that is, cotton destined to enter commercial channels for factory purposes—is indicated to be 18,365,000 bales, not including linters in the United States, which item would add 1,275,000 bales to the total. The crop of 1916 was less than that of 1914 by 5,471,000 bales but greater than that of 1915 by 570,000 bales. The average production for mill consumption during the five years covered by the table was 20,443,000 bales, or 2,078,000 bales greater than the production of 1916. In addition to the amounts shown in the table, considerable quantities of cotton are produced in some countries and consumed in the homes of the people without entering commercial channels. This is the case especially in China and to a less extent in other eastern countries; but the amount of such cotton can not be estimated with any degree of accuracy.

The relative importance of the several cotton-producing countries is graphically presented in the following diagram. Of the total production of commercial cotton in 1916 the United States contributed 59.7 per cent, India 16.6 per cent, Russia 6.7 per cent, Egypt 6.5 per cent, and China 4.4 per cent.

DIAGRAM 2.—PERCENTAGE OF THE WORLD'S MILL SUPPLY OF COTTON CONTRIBUTED BY EACH COUNTRY: 1916.



United States.—Some idea of the importance of cotton production in the United States from an economic standpoint may be had when it is considered that the comparatively small crop of 1916, was, next to corn, the most valuable crop grown in the country. The value of the cotton crop of 1909 represented 15 per cent of the total value of all the crops of the country. Unmanufactured cotton was the largest single item of export during the fiscal year 1914, the last year unaffected by the war, its value amounting to $610,475,301, or 26.2 per cent of the total value of all articles of

domestic merchandise exported during the year. While cotton lost its high rank among the articles exported, still the comparatively large quantity which entered foreign trade, combined with the 6,788,505 bales consumed in domestic manufacture, strikingly indicate the importance of this staple in the economic affairs of the Nation.

India.—According to the Supplemental General Memorandum on the cotton crop of 1916-17, issued by the Indian Government, the total outturn is estimated at 3,418,400 bales of 500 pounds each. However, as a rule, the Government estimates are too low when considered in connection with the figures of cotton exported and of cotton consumed. While in some years the estimates closely approximate the movement, in other years they are much below it. The following table presents statistics of cotton acreage, production, and yield per acre for India since 1897.

TABLE 38.—COTTON ACREAGE, PRODUCTION, AND YIELD PER ACRE IN INDIA: 1897 TO 1916.

YEAR.	Acreage planted in cotton.	COTTON PRODUCTION.		YEAR.	Acreage planted in cotton.	COTTON PRODUCTION.	
		Total (500-pound bales).	Average per acre (lbs.).			Total (500-pound bales).	Average per acre (lbs.).
1916	21,212,000	3,418,400	81	1906	22,488,000	3,926,400	88
1915	17,746,000	2,990,400	84	1905	20,401,000	3,389,600	83
1914	24,595,000	4,167,200	85	1904	19,918,000	3,060,800	77
1913	25,020,000	4,052,000	81	1903	18,025,000	2,863,714	79
1912	22,028,000	3,688,000	84	1902	16,581,046	3,000,439	90
1911	21,615,000	2,630,400	59	1901	14,506,295	2,648,586	91
1910	22,596,000	3,082,400	68	1900	14,231,150	2,162,918	76
1909	20,545,000	3,774,400	92	1899	11,884,576	1,674,817	70
1908	19,999,000	2,952,800	73	1898	14,602,892	2,512,104	86
1907	21,630,000	2,497,600	58	1897	13,683,487	2,122,968	78

There were 21,212,000 acres planted in cotton in India in 1916, a decrease of 3,383,000 acres compared with 1914 and an increase of 3,466,000 acres compared with 1915. The crop of 1916 shows an increase of 428,000 bales over that of 1915 but was short of the 1914 crop by 748,800 bales. Statistics of the acreage in cotton and the production by provinces, for the crops of 1912 to 1916, inclusive, are given in Table 39.

TABLE 39.—COTTON ACREAGE AND PRODUCTION IN INDIA, BY PROVINCES: 1912 TO 1916.

PROVINCE. (Includes native states within provincial boundaries.)	Year.	Acreage planted in cotton.	Cotton production (500-pound bales).	PROVINCE. (Includes native states within provincial boundaries.)	Year.	Acreage planted in cotton.	Cotton production (500-pound bales).
Total	1916	21,212,000	3,418,400	United Provinces	1916	1,184,000	217,200
	1915	17,746,000	2,990,400		1915	834,000	209,600
	1914	24,595,000	4,167,200		1914	1,551,000	388,800
	1913	25,020,000	4,052,000		1913	1,586,000	387,200
	1912	22,028,000	3,688,000		1912	1,158,000	312,400
Bombay	1916	5,687,000	1,078,400	Central India	1916	1,411,000	247,200
	1915	4,439,000	747,200		1915	999,000	172,800
	1914	6,953,000	1,235,200		1914	1,519,000	234,400
	1913	6,574,000	1,151,200		1913	1,426,000	218,400
	1912	6,064,000	1,059,200		1912	1,314,000	164,800
Central Provinces and Berar.	1916	4,401,000	480,000	Baroda	1916	707,000	136,800
	1915	4,061,000	884,800		1915	566,000	93,600
	1914	4,708,000	877,600		1914	843,000	183,200
	1913	4,754,000	768,800		1913	749,000	140,000
	1912	4,493,000	728,000		1912	762,000	156,800
Hyderabad	1916	3,200,000	400,000	Rajputana	1916	334,000	95,200
	1915	2,964,000	360,000		1915	244,000	49,600
	1914	3,605,000	320,000		1914	421,000	132,800
	1913	3,653,000	320,000		1913	470,000	105,600
	1912	2,888,000	240,000		1912	393,000	100,000
Madras	1916	2,288,000	301,600	Sind	1916	231,000	59,200
	1915	2,061,000	196,000		1915	161,000	38,400
	1914	2,115,000	196,000		1914	336,000	92,800
	1913	2,725,000	246,400		1913	341,000	108,000
	1912	2,414,000	376,800		1912	296,000	98,400
Punjab	1916	1,171,000	266,400	All other provinces	1916	598,000	106,400
	1915	902,000	156,000		1915	515,000	82,400
	1914	1,857,000	388,800		1914	687,000	117,600
	1913	2,053,000	489,600		1913	680,000	116,800
	1912	1,575,000	298,400		1912	671,000	123,200

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

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

Egypt.—The climate and soil of Egypt are unusually well adapted to the production of high-grade varieties of cotton, and the supply of moisture, coming as it does from a usually dependable system of irrigation, can be regulated to the best advantage. The season for gathering, too, is practically ideal, not being marked by storms or rains, and but little unavoidable damage to the matured crop occurs.

The length, strength, and color of Egyptian cottons are characteristics of great value, while the uniformity of the fiber, due to the quality of growth, renders them, in manufacturing processes, subject to less waste than are many other kinds. Table 40 shows the cotton acreage, production, and average yield per acre in Egypt since 1895.

TABLE 40.—COTTON ACREAGE, PRODUCTION, AND YIELD PER ACRE IN EGYPT: 1895 TO 1916.

[Compiled from reports of the Egyptian Survey Department.]

YEAR.	Acreage.	PRODUCTION.		YEAR.	Acreage.	PRODUCTION.	
		Total (500-pound bales).	Average per acre (lbs.).			Total (500-pound bales).	Average per acre (lbs.).
1916	1,718,000	1,193,000	347	1905	1,626,000	1,181,000	363
1915	1,231,000	963,000	391	1904	1,491,000	1,251,000	420
1914	1,822,000	1,384,000	380	1903	1,383,000	1,289,000	466
1913	1,789,000	1,496,000	418	1902	1,324,000	1,157,000	437
1912	1,787,000	1,492,000	417	1901	1,297,000	1,262,000	487
1911	1,776,000	1,463,000	412	1900	1,277,000	1,077,000	422
1910	1,664,000	1,506,000	453	1899	1,197,000	1,290,000	539
1909	1,619,000	1,000,000	309	1898	1,164,000	1,107,000	476
1908	1,703,000	1,337,000	393	1897	1,172,000	1,296,000	553
1907	1,664,000	1,433,000	431	1896	1,091,000	1,165,000	534
1906	1,564,000	1,377,000	440	1895	1,015,000	1,041,000	513

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

The estimated production of cotton from the crop of 1916 is 1,230,000 bales of 500 pounds each, compared with 1,600,000 bales from the crop of 1915, 1,217,000 bales from the crop of 1914, and 1,030,000 bales from the crop of 1913.

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

China.—Cotton is produced extensively in many sections of China, but no accurate data as to the total amount are available. A considerable amount is consumed locally in the homes of the people, the quantity thus consumed being largely a matter of conjecture. Reliable data as to the quantities of Chinese cotton exported and used in the Chinese spinning mills are available. An estimate from a reliable source places the quantity of Chinese cotton from the crop of 1916 which will enter commercial channels at 810,000 bales of 500 pounds each.

Brazil.—The climate and soil of large areas in Brazil are well suited to the cultivation of cotton. Formerly considerable quantities were exported but the increase in the mill industry now requires practically the entire production. While exact data as to crop of 1916 are not available it has been estimated at 420,000 bales.

Mexico.—Accurate statistics as to the production of cotton in Mexico from the crop of 1916 are not available. It is generally believed that the crop was about 140,000 bales. When the factories are operating under normal conditions they consume practically the entire production and draw also upon the United States for a part of their requirements.

Peru.—The production of cotton in Peru, while comparatively insignificant in quantity, is of importance because of the special characteristics of the fiber. The crop of 1916 is placed at 108,000 bales.

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

WORLD'S COTTON CONSUMPTION.

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

During the past season a considerable increase in the number of spindles has been made in the United States; there were also some additions in the United Kingdom, India, Japan, China, and several of the less important cotton-spinning countries. No satisfactory information as to the number of cotton spindles active during the past season in some of the important countries is available, and Table 41 has, therefore, been reproduced from a former census report. This table shows, by countries, the number of active cotton spindles for the years 1900 and 1914. It was compiled from a number of sources, and, while absolute accuracy is not claimed for all the figures, it is believed they closely approach the facts.

TABLE 41.—WORLD'S ACTIVE COTTON SPINDLES: 1900 AND 1914.

[The statistics for the United States were collected by the Bureau of the Census. Those for other countries have been compiled from a number of sources. Among them are Ellison's Annual Review of the Cotton Trade, Liverpool; the Commercial and Financial Chronicle, New York; Cotton Facts, New York; reports of the International Federation of Master Cotton Spinners' and Manufacturers' Associations, Manchester; and statistics furnished by Mitsui & Co., Osaka; Bombay Cotton Trade Association, Bombay; and E. T. Craig, Mexico City.]

COUNTRY.	ACTIVE COTTON SPINDLES.		COUNTRY.	ACTIVE COTTON SPINDLES.	
	1914	1900		1914	1900
Total	146,397,000	105,681,000	Europe—Continued.		
United States	32,107,000	19,472,000	Switzerland	1,380,000	1,550,000
Cotton-growing states	12,711,000	4,368,000	Sweden	560,000	360,000
All other states	19,396,000	15,104,000	Portugal	480,000	230,000
Europe:			Netherlands	500,000	300,000
United Kingdom	56,300,000	45,500,000	Denmark	90,000	40,000
Germany	11,550,000	8,000,000	Norway	65,000	35,000
Russia	9,160,000	7,500,000	Other European countries	200,000	130,000
France	7,410,000	5,500,000	India	6,500,000	4,945,000
Austria-Hungary	4,970,000	3,300,000	Japan	2,750,000	1,274,000
Italy	4,620,000	1,940,000	China	1,000,000	550,000
Spain	2,210,000	2,615,000	Brazil	1,250,000	450,000
Belgium	1,530,000	920,000	Canada	965,000	550,000
			All other countries	800,000	520,000

The information available as to the consumption of cotton during the season of 1916–17 for a number of countries is very unsatisfactory. In order, however, to afford some idea as to the quantity used, Table 42 has been prepared from such sources as were available. The figures for the United States were collected and compiled by this bureau. The amounts for India, Japan, and Canada are as shown by the New York Commercial and Financial Chronicle in its annual review of the cotton movement. The amount for the United Kingdom was obtained by adding to spinners' takings, as published by the Liverpool Cotton Association, the decrease in mill

stocks, as estimated by Mr. Ellison and published in the annual report of the New Orleans Cotton Exchange. The total for the Continent was obtained by combining the following items: The takings of American cotton by the spinners on the Continent and the reduction in port stocks and of cotton afloat to the Continent, as shown in the Weekly Circular of the Liverpool Cotton Association; the production of cotton in the several European countries and in Asiatic Russia; the exports from Alexandria, Egypt, and from Bombay, India, to the Continent; the estimated imports from countries other than the United States, Egypt, and India, including those into Austria-Hungary and Germany from Turkey and into Russia from Persia, Afghanistan and Kashgar; the reduction in mill stocks as estimated by Mr. Ellison; and an estimated amount for reduction in stocks other than indicated above. The amount for all other countries is an estimate based on information contained in various publications and consular reports.

TABLE 42.—WORLD'S CONSUMPTION OF COTTON: SEASON OF 1916-17.

COUNTRY.	Mill consumption of cotton (bales of 500 pounds net weight).
Total	20,180,000
United States	6,549,000
Cotton-growing states	3,751,000
All other states	2,798,000
Europe:	
United Kingdom	4,030,000
Continent	4,616,000
India	1,764,000
Japan	1,850,000
Canada	191,000
All other countries	1,180,000

FIBER CONSUMED IN EXPLOSIVES AND ABSORBENT COTTON.

The demand for guncotton, smokeless powder, and absorbent cotton to meet the needs of the warring nations has been such as to affect the cotton situation appreciably. The importance of reliable information as to the quantity of fiber consumed in the manufacture of these products led Congress to make provision for the collection of such statistics. The act approved August 7, 1916, requires the Bureau of the Census to collect data as to the several kinds of cotton fiber used in the manufacture of guncotton and explosives of all kinds and of absorbent and medicated cotton during the calendar year 1915 and each quarter thereafter.

COTTON FIBER USED IN EXPLOSIVES.

The manufacture of smokeless powders at the present time requires a considerable quantity of cotton fiber. Guncotton, technically known as nitrocellulose, obtained by the nitration of cellulose, forms the principal ingredient of these powders. The purest form of natural cellulose is cotton, and this fiber is used almost exclusively in the manufacture of guncotton. Experiments have proved that short-fiber cottons are better suited for this purpose than are the longer; hence linters and hull fiber are being very generally used.

Before the cotton fiber can be used in the manufacture of explosives it is necessary that it be thoroughly cleaned and purified. In some instances the manufacturers of explosives have installed machinery for this purpose, but the majority of them purchase the fiber in the bleached and purified condition. Owing to this fact, it is impracticable to obtain data showing the quantity of unbleached cotton, linters, hull fiber, and waste used in this manufacture. However, all the raw cotton fiber which finally finds its way into the finished product is accounted for in the bureau's monthly reports of cotton and linters consumed. It is therefore necessary, in considering information given under this heading, to bear in mind that the cotton and linters included have already been reported by the establishments engaged in bleaching them. The following table gives data for the calendar years 1915 and 1916 and for each quarter from January 1, 1916, to March 31, 1917.

TABLE 43.—COTTON FIBER (BLEACHED) CONSUMED IN THE MANUFACTURE OF EXPLOSIVES.

PERIOD.	EQUIVALENT 500-POUND BALES (NET WEIGHT).	
	Consumed.	On hand at end of period.
Calendar year:		
1916	583,710	19,754
1915	244,003	30,483
Quarter ending:		
Mar. 31, 1917	167,306	22,570
Dec. 31, 1916	162,015	19,754
Sept. 30, 1916	133,982	24,686
June 30, 1916	142,725	22,895
Mar. 31, 1916	144,988	19,933

The quantity of bleached cotton fiber consumed in the manufacture of explosives during the calendar year 1915 was 244,003 equivalent 500-pound bales, net weight, and for 1916, 583,710 bales, thus showing a large increase in consumption during the latter year. The quantity consumed during the quarter ending March 31, 1917, the latest for which the data were published, was 167,306 bales, being larger than for any preceding quarter.

In addition to the purified cotton consumed in the United States in the manufacture of guncotton and other explosives, considerable quantities are exported for use in foreign countries. While complete information as to the quantity sent abroad is not available, as stated on page 10, it is probable that the total for the cotton year was 180,000 bales. Practically all of this quantity was sent abroad to be used in the manufacture of explosives.

In bleaching and purifying cotton for nitrating purposes there is considerable loss, depending on the condition of the raw fiber, some stock being quite clean and some very trashy. It would appear from the information at hand that the loss in preparing linters and hull fiber from the wrapped and iron-bound bale to the purified material as used in nitration is between 30 per cent and 40 per cent. Based on an average loss of 35 per cent, the gross weight of unbleached cotton fiber used in the manufacture of explosives in the United States during the calendar year 1916 was 898,000 equivalent 500-pound bales.

The processes through which cotton passes in its preparation for use in the manufacture of guncotton are described in the following statement which was prepared by the War Department:

The cotton used in explosives manufacture consists of unspun short fibers, generally the linters and hull fibers, which remain after the earlier ginning has removed the longer fibers more valuable for spinning and less suited to the manufacture of explosives. As an example of the treatment of this material, the United States Army specifications for smokeless powder require that the cotton be purified and bleached and thoroughly washed to remove the purifying and bleaching materials, salts, etc., and that as the result the cotton shall contain not more than 0.4 per cent of extractive matter, not more than 0.8 per cent of ash, and not more than "traces" of lime, chlorides, sulphates, etc.; also that it be of uniform character, clean, and free from such lumps as would prevent uniform nitration. It is delivered to the explosives factory in bales, sometimes compressed, sometimes not, but always covered with paper or other material for protection from dirt.

In making smokeless powder or explosives, the cotton generally, after being run through a picking machine to separate the fibers, is dipped in nitric and sulphuric acids to nitrate it, producing nitrocellulose, which is then washed, boiled, cut in a beater or pulping machine, further washed, and then wrung in a centrifugal. Up to this point the only important difference depending upon use is the degree of nitration, being more highly nitrated if for use as a high explosive. Such nitrocellulose, generally called military guncotton, is usually, after the foregoing operations, completed by pressing into blocks. If for smokeless powder the nitrocellulose must, however, be thoroughly dehydrated, mixed with a suitable solvent, and worked to a very stiff paste or colloid, either alone or mixed with other ingredients (nitroglycerin, etc.), and is then forced from a hydraulic press through dies and cut into grains of desired length, and dried.

COTTON FIBER USED FOR ABSORBENT COTTON.

In strong contrast with the manufacture of explosives, the production of absorbent cotton requires a fairly long fiber in order to obtain the best results. It has been found that cotton waste, particularly comber waste, is very well suited to this purpose, and that the loss in bleaching and purifying this waste is even less than in treating the good grades of upland cotton. While some of the handlers, packers, and distributers of absorbent cotton purchase the material in the bleached condition, practically all of the manufacturers of these cottons take the fiber and put it through the purifying processes. The raw cotton and linters used in this industry and shown in the table below are also included in the monthly reports of cotton and linters con-

sumed. This fact must be remembered in considering the amounts, in order that the totals will not be duplicated. The following table shows the quantity of cotton fiber used in the manufacture of absorbent and medicated cotton during the calendar years 1915 and 1916 and for each quarter from January 1, 1916, to March 31, 1917. The total quantities of fiber used in this manufacture for the calendar years 1915 and 1916 show very little change, the amounts for each year being slightly in excess of 38,000 bales.

TABLE 44.—COTTON FIBER (UNBLEACHED) CONSUMED IN THE MANUFACTURE OF ABSORBENT AND MEDICATED COTTON.

PERIOD.	EQUIVALENT 500-POUND BALES.							
	Consumed.				On hand at end of period.			
	Total.	Cotton.	Waste.	Linters.	Total.	Cotton.	Waste.	Linters.
Calendar year—								
1916	38,251	20,762	12,983	4,506	9,757	6,107	2,720	930
1915	38,221	22,753	9,622	5,846	15,054	12,517	923	1,614
Quarter ending—								
Mar. 31, 1917	7,156	2,826	3,480	850	11,241	7,260	2,224	1,757
Dec. 31, 1916	8,016	3,931	3,458	627	9,757	6,107	2,720	930
Sept. 30, 1916	7,790	3,952	3,472	366	6,595	3,311	2,695	589
June 30, 1916	9,577	5,635	3,102	840	7,451	6,266	1,144	41
Mar. 31, 1916	12,868	7,244	2,951	2,673	9,651	8,237	903	511

COTTON SEED AND COTTONSEED PRODUCTS.

The awakened appreciation of the importance of utilizing waste materials, which in recent years has developed pronounced advancement in many lines of activity, finds one of its most striking examples in the cottonseed-products industry. Not many years ago the disposition of the surplus of cotton seed was a difficult problem, while now this former waste material provides many valuable commercial products and is selling in the open market at from $60 to $70 a ton. Beginning with the extraction of oil as the prime object, the industry has developed and improved to such extent that the dirt which attaches itself to the seed in handling is about the only waste matter cast away in the various processes of manufacture. In the progress of the industry it was found advantageous to delint the seed more and more closely, at first for the better separation of the meats from the hulls, and later, as the uses of linters multiplied and the demand for them became greater, for the commercial value of the linters themselves. The substitution of linters for long-fiber cotton in many lines of manufacture created a demand for information as to the extent of their production. The Bureau of the Census accordingly began the collection of such data and associated them with the statistics of cotton ginned.

The total production of linters for each crop since the inauguration of the seasonal reports of cotton ginned is shown in Table 3, and the production, by states, is given in Table 4 for the crops of 1912 to 1916, inclusive. Although the data relative to the production of linters have been collected in connection with the statistics of cotton ginned, information as to the quantity of cotton seed used by the oil mills in manufacture has been collected for only the last three years, except at the general censuses of manufactures.

The growing importance of the industry and the increasing interest attaching to it resulted in the act of Congress, approved August 7, 1916, which provides that the Bureau of the Census shall collect monthly reports from all of the oil mills concerning cotton seed received, crushed and on hand, and cottonseed products manufactured, shipped out and on hand; also that information be obtained from the refineries and consuming establishments and from brokers, warehousemen, and exporters concerning crude and refined cottonseed oil. In conformity with this legislation monthly reports concerning cotton seed and cottonseed products have been collected during the season of 1916–17. These reports, valuable from their initiation not only to the manufacturer of cottonseed products but also to the producer of the raw material and the consumer of the finished product, will be of increasing usefulness to all classes as the accumulation of reports permits more extensive comparison and more accurate deduction. The closing of the year as of July 31, it is believed, represents the month's end when the stocks held at the oil mills are lower than at any other similar date during the year.

SUPPLY AND DISTRIBUTION OF COTTON SEED AND PRODUCTS.

The following table shows several items making up the supply and distribution of cotton seed and cottonseed products for the twelve-month period ending July 31, 1917.

TABLE 45.—SUPPLY AND DISTRIBUTION OF COTTON SEED AND COTTONSEED PRODUCTS FOR OIL MILLS FOR THE TWELVE MONTHS ENDING JULY 31, 1917.

	Cotton seed (tons).	COTTONSEED PRODUCTS.			
		Oil (pounds).	Cake and meal (tons).	Hulls (tons).	Linters (pounds).
SUPPLY.					
Total	4,715,017	1,410,509,974	2,478,974	1,270,140	673,658,157
Held in mill Aug. 1, 1916	13,984	2,475,100	186,881	53,026	7,537,923
Received	4,701,033	377,223	67,337	248,438	844,015
Produced	.....	1,407,657,651	2,224,756	968,676	665,276,219
DISTRIBUTION.					
Total	4,715,017	1,410,509,974	2,478,974	1,270,140	673,658,157
Crushed or used for further manufacture	4,479,176	.....	53,830	206,948	.....
Shipped out (including reshipments)	202,956	1,401,325,922	2,330,886	1,006,572	621,930,928
Held in mill July 31, 1917	31,828	9,184,052	92,540	56,016	51,377,085
Destroyed by fire	1,057	.....	1,718	604	350,144

The total supply of cotton seed for the oil mills, as indicated by the stocks held August 1, 1916, and the receipts during the year, was 4,715,017 tons. Of this total, 4,479,176 tons were crushed, 1,057 tons destroyed by fire, 202,956 tons shipped to other mills or disposed of for planting purposes, and 31,828 tons held at the end of the season. The high prices prevailing for cotton seed during this season made it more profitable for a few of the mills to sell the seed than to work them and it is probable that more seed was reshipped than during any prior season. The supply of oil and other products is practically represented by the production, as the receipts and the quantities held at the beginning of the year are rather insignificant, with the exception of hulls, which show a considerable amount received from other establishments for use in the manufacture of hull fiber.

YIELD OF PRODUCTS PER TON OF SEED WORKED.

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

The following statement, computed from the actual quantities reported, shows, by states, the production of each of the more important products per ton of seed worked. The average weight of the products obtained per ton of seed crushed for the United States, as a whole, was 1,889 pounds, showing a loss in working of 111 pounds. The loss indicated for Oklahoma and Texas, however, was slightly less than 100 pounds. All of the states show a high average in the quantity of linters obtained, North Carolina being the lowest with 124 pounds per ton of seed crushed. The Alabama mills reported an average production of 172 pounds of linters, or 23 pounds above the average for the United States.

QUANTITIES OF THE SEVERAL PRODUCTS OBTAINED, PER TON OF SEED CRUSHED, BY STATES, SEASON OF 1916-17.

STATE.	PRODUCTS OBTAINED (POUNDS).				
	Total.	Crude oil.	Cake and meal.	Hulls.	Linters.
United States	1,889	314	993	433	149
Alabama	1,879	329	1,004	374	172
Arkansas	1,874	309	1,014	400	151
Georgia	1,883	335	984	415	149
Louisiana	1,889	316	1,079	336	158
Mississippi	1,896	333	1,028	374	161
North Carolina	1,861	332	966	439	124
Oklahoma	1,902	292	1,020	435	155
South Carolina	1,872	337	967	426	142
Tennessee	1,882	320	975	426	161
Texas	1,901	292	979	489	141
All other states	1,901	312	995	445	149

PERIODICAL REPORTS.

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

In addition to the products shown in Table 46 there were 472,960 equivalent 500-pound bales of hull fiber and 34,425 bales of motes, sweepings, etc., produced by the cottonseed-oil mills during the twelve-month period ending July 31, 1917. The hull fiber is obtained from the hulls by two methods. Some establishments secure this product by a reginning of the hulls, leaving the hulls still in condition to be sold as such. Other establishments pulverize the hulls, the fine particles being sifted from the fiber and used in the manufacture of feed. Hull fiber approaches the quality of the lower grades of linters and is used almost exclusively in the manufacture of guncotton and smokeless powder.

TABLE 46.—COTTON SEED RECEIVED, CRUSHED, AND ON HAND, AND COTTONSEED PRODUCTS MANUFACTURED, SHIPPED OUT, AND ON HAND FOR OIL MILLS, BY PERIODS, AUGUST, 1916, TO JULY, 1917, INCLUSIVE.

PERIOD ENDING WITH MONTH OF—	COTTON SEED.			COTTONSEED PRODUCTS.		
	Aug. 1 to close of month.		On hand at close of month.	Oil (pounds).		
				Aug. 1 to close of month.		On hand at close of month.
	Net receipts.	Crushed.		Produced.	Net shipped.	
August	107,150	50,357	70,777	13,863,788	9,137,076	7,201,812
September	1,060,386	413,914	660,456	121,544,046	82,175,245	41,843,901
October	2,300,190	1,074,701	1,239,473	319,453,571	255,275,851	66,652,820
November	3,252,291	1,744,213	1,522,062	528,836,673	442,353,141	88,958,632
December	3,843,781	2,315,472	1,542,293	700,201,250	607,166,504	95,509,846
January	4,083,531	2,921,774	1,175,741	888,933,085	776,715,258	114,692,927
February	4,223,068	3,420,524	816,528	1,045,070,565	916,696,982	130,848,683
March	4,332,178	3,862,531	483,631	1,187,516,327	1,085,778,597	104,212,830
April	4,384,034	4,167,527	229,459	1,288,820,791	1,219,498,136	71,797,755
May	4,438,354	4,345,343	105,943	1,354,297,885	1,311,937,580	44,835,405
June	4,472,809	4,429,629	56,112	1,390,558,008	1,368,934,345	24,098,763
July	4,498,077	4,479,176	31,828	1,407,657,651	1,400,948,699	9,184,052

TABLE 46.—COTTON SEED RECEIVED, CRUSHED, AND ON HAND, AND COTTONSEED PRODUCTS MANUFACTURED, SHIPPED OUT, AND ON HAND FOR OIL MILLS, BY PERIODS, AUGUST, 1906, TO JULY, 1917, INCLUSIVE—Continued.

PERIOD ENDING WITH MONTH OF—	COTTONSEED PRODUCTS—continued.								
	Cake and meal (tons).			Hulls (tons).			Linters (500-pound bales).		
	Aug. 1 to close of month.		On hand at close of month.	Aug. 1 to close of month.		On hand at close of month.	Aug. 1 to close of month.		On hand at close of month.
	Produced.	Net shipped.[1]		Produced.	Net shipped.[1]		Produced.	Net shipped.	
August	23,751	149,514	60,092	13,337	3,738	61,336	11,120	16,210	9,986
September	196,681	274,797	102,513	101,548	37,191	110,279	98,621	48,505	65,192
October	512,160	526,024	165,401	258,194	143,081	150,824	271,246	143,355	142,966
November	837,838	822,595	194,821	398,923	271,849	151,103	460,247	282,958	192,365
December	1,118,098	1,076,620	221,246	519,131	325,854	170,074	627,965	463,558	179,482
January	1,420,057	1,325,362	264,213	652,547	430,820	165,076	815,456	688,912	141,619
February	1,666,982	1,546,029	286,236	755,013	518,134	157,638	966,951	845,865	136,162
March	1,887,741	1,797,309	245,664	845,464	598,608	133,023	1,108,940	998,412	125,604
April	2,039,667	1,954,853	231,305	904,219	655,633	114,588	1,210,077	1,090,042	134,410
May	2,141,494	2,072,395	209,513	943,408	693,648	106,637	1,278,825	1,162,735	130,465
June	2,195,696	2,188,797	144,995	960,402	715,637	83,110	1,312,567	1,216,117	110,826
July	2,224,756	2,263,549	92,540	968,676	758,134	56,016	1,330,552	1,242,174	102,754

[1] Does not include meal or hulls used in establishment in manufacture of feed and further products.

Movement of cotton seed by states and by periods.—Table 47 shows, by states, the information given in Table 46 concerning the receipts, consumption, and stocks of cotton seed. This table gives a somewhat local color to the movement of cotton seed to the mills during the season and in connection with the statement of average quantities of products per ton of seed treated, shown on page 95, will prove interesting and instructive to those desiring local information of the industry.

TABLE 47.—COTTON SEED RECEIVED, CRUSHED, AND ON HAND FOR COTTONSEED OIL MILLS, BY STATES AND BY PERIODS: AUGUST, 1916, TO JULY, 1917, INCLUSIVE.

	RECEIVED AND CRUSHED FROM AUG. 1 TO SPECIFIED DATES AND QUANTITIES ON HAND AT END OF PERIOD.				
	1916				
	Aug. 31.	Sept. 30.	Oct. 31.	Nov. 30.	Dec. 31.
United States:					
Received	107,150	1,060,386	2,300,190	3,252,291	3,843,781
Crushed	50,357	413,914	1,074,701	1,744,213	2,315,472
On hand	70,777	660,456	1,239,473	1,522,062	1,542,293
Alabama:					
Received	676	27,630	74,952	139,539	171,570
Crushed	16	9,552	36,070	70,581	95,011
On hand	991	18,409	39,213	69,289	76,890
Arkansas:					
Received	593	65,249	192,119	270,984	314,968
Crushed	.....	18,993	69,224	119,493	162,596
On hand	990	46,653	123,292	151,888	152,769
Georgia:					
Received	23,145	166,876	351,842	532,148	641,470
Crushed	12,664	90,505	201,831	310,639	401,092
On hand	14,021	79,911	153,551	225,049	243,918
Louisiana:					
Received	1,535	44,440	91,984	127,802	151,378
Crushed	.....	16,258	41,709	68,363	88,366
On hand	1,641	28,288	50,381	59,545	63,118
Mississippi:					
Received	1,439	60,269	169,601	257,666	305,938
Crushed	548	24,157	76,420	127,765	171,823
On hand	3,714	38,935	95,995	132,724	136,938
North Carolina:					
Received	30	15,127	73,983	147,638	193,065
Crushed	.....	6,926	38,645	80,751	122,775
On hand	633	8,804	35,941	67,490	70,893
Oklahoma:					
Received	444	56,187	161,054	232,493	278,372
Crushed	396	10,965	60,534	115,652	163,949
On hand	226	45,400	100,698	117,019	114,601
South Carolina:					
Received	1,056	39,314	96,812	155,182	208,703
Crushed	28	18,866	63,832	111,687	149,918
On hand	1,753	21,173	33,705	44,220	59,510
Tennessee:					
Received	85	35,880	122,709	190,121	236,322
Crushed	.....	12,298	51,131	89,026	124,065
On hand	165	23,662	71,658	101,175	112,337
Texas:					
Received	76,893	537,425	926,411	1,128,845	1,252,854
Crushed	36,005	198,825	415,567	615,828	786,384
On hand	46,013	343,725	515,969	518,142	471,595
All other states:					
Received	1,254	11,989	38,723	69,873	89,141
Crushed	700	6,569	19,729	34,428	49,493
On hand	630	5,496	19,070	35,521	39,724

TABLE 47.—COTTON SEED RECEIVED, CRUSHED, AND ON HAND FOR COTTONSEED-OIL MILLS, BY STATES AND BY PERIODS: AUGUST, 1916, TO JULY, 1917, INCLUSIVE—Continued.

	RECEIVED AND CRUSHED FROM AUG. 1 TO SPECIFIED DATES AND QUANTITIES ON HAND AT END OF PERIOD—continued.						
	1917						
	Jan. 31.	Feb. 28.	Mar. 31.	Apr. 30.	May 31.	June 30.	July 31.
United States:							
Received	4,083,531	4,223,068	4,332,178	4,384,034	4,438,354	4,472,809	4,498,077
Crushed	2,921,774	3,420,524	3,862,531	4,167,527	4,345,343	4,429,629	4,479,176
On hand	1,175,741	816,528	483,631	229,459	105,943	56,112	31,828
Alabama:							
Received	184,633	187,341	192,064	193,809	196,209	196,933	201,151
Crushed	122,596	146,413	166,030	178,542	185,450	190,754	197,589
On hand	62,368	41,259	26,365	15,598	11,090	6,510	3,893
Arkansas:							
Received	334,921	345,843	354,147	359,884	366,873	369,107	369,750
Crushed	209,531	254,686	297,380	331,577	355,526	365,491	368,301
On hand	125,787	91,554	57,164	28,704	11,744	4,013	1,846
Georgia:							
Received	678,931	710,507	733,990	743,576	756,525	764,318	765,944
Crushed	503,340	583,312	663,395	711,070	745,443	759,640	766,084
On hand	179,131	130,735	74,135	36,046	14,622	8,218	2,890
Louisiana:							
Received	160,540	164,513	168,202	169,615	172,487	174,131	174,151
Crushed	111,272	130,984	150,722	163,188	171,356	174,101	174,101
On hand	49,374	33,635	17,586	6,533	1,237	136	156
Mississippi:							
Received	327,408	343,625	359,300	366,827	375,998	384,673	388,811
Crushed	222,004	268,583	309,305	341,912	359,683	376,477	387,670
On hand	108,227	77,865	52,818	27,738	19,138	11,019	3,964
North Carolina:							
Received	217,892	233,569	249,866	257,897	260,244	262,378	263,793
Crushed	167,031	200,316	231,826	249,552	258,012	262,080	264,099
On hand	51,464	33,856	18,643	8,948	2,815	881	277
Oklahoma:							
Received	298,803	304,572	306,808	310,499	309,605	303,474	307,618
Crushed	210,389	252,451	280,543	301,799	308,992	302,899	306,839
On hand	88,592	52,299	26,443	8,878	791	753	957
South Carolina:							
Received	226,508	242,098	252,593	256,728	259,293	260,951	261,833
Crushed	187,161	215,638	236,949	251,947	258,009	260,030	261,101
On hand	40,072	27,185	16,369	5,506	2,009	1,646	1,457
Tennessee:							
Received	253,972	266,345	273,639	279,222	280,178	295,204	299,014
Crushed	159,843	191,567	224,877	252,629	275,995	286,598	290,948
On hand	94,209	74,858	48,842	26,673	13,263	8,686	8,146
Texas:							
Received	1,301,792	1,319,134	1,331,158	1,333,843	1,339,228	1,348,781	1,353,238
Crushed	964,243	1,099,162	1,211,291	1,283,609	1,319,599	1,339,150	1,349,516
On hand	342,674	225,097	124,992	54,773	24,168	14,170	8,261
All other states:							
Received	98,131	105,521	110,411	112,134	112,714	112,859	112,774
Crushed	64,364	77,412	90,213	101,702	107,278	112,409	112,328
On hand	33,843	28,185	20,274	10,062	5,066	80	71

In the following statement the establishments whose operations for the season of 1916-17 are covered by the preceding table are classified according to the quantity of seed crushed:

STATE.	NUMBER OF COTTONSEED-OIL MILLS.						
	Total.	Crushing—					
		Less than 1,000 tons.	1,000 but less than 2,000 tons.	2,000 but less than 5,000 tons.	5,000 but less than 10,000 tons.	10,000 but less than 20,000 tons.	20,000 tons and over.
United States	763	113	97	242	176	107	28
Alabama	54	18	10	15	7	3	1
Arkansas	38	1	1	9	11	15	1
Georgia	138	22	22	43	28	16	7
Louisiana	22	.....	1	10	5	3	3
Mississippi	48	5	4	10	14	12	3
North Carolina	66	8	14	29	9	5	1
Oklahoma	58	9	2	22	17	8	.....
South Carolina	79	21	20	23	9	5	1
Tennessee	19	1	.....	1	6	7	4
Texas	225	27	19	77	64	32	6
All other states	16	1	4	3	6	1	1

Of the 763 mills operated during the season, 210 crushed less than 2,000 tons from the crop of 1916, 452, or 59.2 per cent of the total number, crushed less than 5,000 tons each, and 628, or 82.3 per cent, less than 10,000 tons each. There were 135 mills, each of which crushed 10,000 tons or more, and these together reported a little more than 50 per cent of the total quantity of seed crushed.

REFINING AND MOVEMENT OF COTTONSEED OIL.

Table 48 presents data for refineries and consuming establishments, showing crude oil used in refining and otherwise and refined oil produced from August 1 to the close of each calendar month; also the quantities of crude and refined oil on hand and in transit to the plants at the close of each month. Table 49 shows the quantities of crude and refined oil held at cottonseed-oil mills, at refineries and in consuming establishments, in transit, and in storage at the close of each month. These tables permit a close study of the movement of oil.

TABLE 48.—CRUDE COTTONSEED OIL CONSUMED, ON HAND, AND IN TRANSIT, AND REFINED OIL PRODUCED, ON HAND, AND IN TRANSIT FOR REFINERIES AND CONSUMING ESTABLISHMENTS, BY PERIODS: AUGUST, 1916, TO JULY, 1917, INCLUSIVE.

PERIOD ENDING WITH MONTH OF—	COTTONSEED OIL (pounds).						
	Crude.				Refined.		
	Aug. 1 to close of month.		On hand at close of month.		Produced Aug. 1 to close of month.	On hand at close of month.	
	Used in refining.	Consumed without being refined.	At plant.	In transit to plant.		At plant.	In transit to plant.
August	5,781,154	1,429,171	2,541,655	(1)	(1)	115,916,386	(1)
September	37,452,768	2,782,014	2,561,696	(1)	(1)	59,923,765	(1)
October	207,109,190	3,090,552	5,466,393	(1)	193,556,043	73,322,157	(1)
November	392,860,963	3,680,116	4,360,625	(1)	362,986,884	114,506,426	(1)
December	552,092,995	3,912,148	6,174,942	(1)	512,670,098	187,043,355	(1)
January	728,701,140	4,015,408	6,203,241	(1)	679,653,320	256,854,583	(1)
February	867,773,406	4,130,030	8,597,151	32,129,082	809,184,809	280,557,680	8,713,229
March	1,026,762,289	4,164,934	7,458,786	35,173,352	955,670,973	301,832,186	8,814,996
April	1,161,591,332	4,195,934	5,373,274	25,441,930	1,080,636,014	302,893,527	10,561,552
May	1,270,723,101	4,211,434	6,094,044	16,751,240	1,182,187,655	299,609,322	10,003,093
June	1,340,368,716	4,228,305	4,994,372	8,463,845	1,245,535,087	306,044,287	5,889,711
July	1,382,228,365	4,981,092	2,918,450	3,371,700	1,281,600,715	279,705,252	3,851,445

[1] Data not collected.

STOCKS OF COTTONSEED OIL.

The following teble shows stocks of crude and refined oil covering the crude mills, refineries, oil in transit, and oil stored in warehouses. It, however, does not include small quantities of oil held by dealers and by bakers, druggists, and other consumers.

TABLE 49.—STOCKS OF CRUDE AND REFINED COTTONSEED OIL HELD AT END OF CALENDAR MONTHS, JULY 31, 1916, TO JULY 31, 1917, INCLUSIVE.

DATE.	COTTONSEED OIL (POUNDS).				
	Crude.				
	Total.	At cotton-seed-oil mills.	At refineries and consuming establishments.	In transit to refineries and cotton-seed-oil mills.	In storage.
1916.					
July 31	3,411,869	2,475,100	936,769	(1)	(1)
Aug. 31	10,243,467	7,201,812	2,541,655	(1)	500,000
Sept. 30	44,467,867	41,843,901	2,561,696	(1)	62,270
Oct. 31	72,307,544	66,652,820	5,466,393	(1)	188,331
Nov. 30	93,384,882	88,958,632	4,360,625	(1)	65,625
Dec. 31	101,693,488	95,509,846	6,174,942	(1)	8,700
1917.					
Jan. 31	120,901,418	114,692,927	6,203,241	(1)	5,250
Feb. 28	171,608,791	130,848,683	8,597,151	32,129,082	33,875
Mar. 31	146,879,968	104,212,830	7,458,786	35,173,352	35,000
Apr. 30	103,580,459	71,797,755	5,373,274	25,441,930	967,500
May 31	68,756,248	44,835,405	6,094,044	16,751,240	1,075,559
June 30	37,556,980	24,098,763	4,994,372	8,463,845	.....
July 31	15,477,352	9,184,052	2,918,450	3,371,700	3,150

DATE.	COTTONSEED OIL (POUNDS)—continued.			
	Refined.			
	Total.	At refineries and consuming establishments.	In transit to refineries and cottonseed-oil mills.	In storage and at agencies.
1916.				
July 31	200,532,410	200,532,410	(1)	(1)
Aug. 31	127,617,569	115,916,386	(1)	11,701,183
Sept. 30	65,585,783	59,923,765	(1)	5,662,018
Oct. 31	77,458,236	73,322,157	(1)	4,136,139
Nov. 30	119,072,524	114,506,426	(1)	4,566,098
Dec. 31	192,188,866	187,043,355	(1)	5,145,511
1917.				
Jan. 31	261,468,647	256,854,583	(1)	4,614,064
Feb. 28	301,962,830	280,557,680	8,713,229	12,691,921
Mar. 31	320,460,897	301,832,186	8,814,996	9,813,715
Apr. 30	328,492,507	302,893,527	10,561,552	15,037,428
May 31	324,522,087	299,609,322	10,003,093	14,909,672
June 30	331,351,131	306,044,287	5,883,711	19,417,133
July 31	298,757,126	279,705,252	3,851,445	15,200,429

[1] Data not collected.

COMPARATIVE DATA OF COTTON SEED CRUSHED AND LINTERS PRODUCED.

For several years the bureau has been collecting statistics of cotton seed crushed and linters produced to December 1 and January 1. The following table gives comparative data for these items for the crops of 1913 to 1916, inclusive:

TABLE 50.—COTTON SEED CRUSHED AND LINTERS OBTAINED TO DECEMBER 1 AND JANUARY 1, BY STATES: CROPS OF 1913, 1914, 1915, AND 1916.

STATE.	COTTON SEED OF CROP INDICATED CRUSHED (TONS) PRIOR TO—							
	Jan. 1.				Dec. 1.			
	1916 [1]	1915	1914	1913	1916 [1]	1915	1914	1913
United States	2,315,472	2,615,352	3,338,176	3,012,685	1,744,213	1,956,703	2,473,931	2,192,276
Alabama	95,011	200,157	286,226	262,854	70,581	148,894	211,935	192,841
Arkansas	162,596	151,306	184,465	175,312	119,493	109,335	132,847	116,632
Georgia	401,092	470,471	584,544	515,137	310,639	356,737	433,046	375,266
Louisiana	88,366	89,182	122,343	103,022	68,363	70,003	90,932	74,625
Mississippi	171,823	233,584	319,820	284,527	127,765	177,649	228,796	195,700
North Carolina	122,775	169,782	186,522	162,995	80,751	118,591	126,458	114,283
Oklahoma	163,949	137,738	232,557	188,473	115,652	79,555	164,675	136,191
South Carolina	149,918	205,998	257,576	239,439	111,687	156,914	190,315	171,496
Tennessee	124,065	128,664	156,382	151,221	89,026	90,710	111,358	100,120
Texas	786,384	770,972	921,978	860,321	615,828	604,877	724,870	667,176
All other states	49,493	57,498	85,763	69,384	34,428	43,438	58,699	47,946

STATE.	LINTERS OF CROP INDICATED OBTAINED (RUNNING BALES [2]) PRIOR TO—							
	Jan. 1.				Dec. 1.			
	1916 [1]	1915	1914	1913	1916 [1]	1915	1914	1913
United States	627,965	531,369	462,073	397,974	460,247	381,347	341,142	288,468
Alabama	30,537	42,485	38,414	32,789	21,787	30,481	28,085	23,863
Arkansas	43,425	29,227	25,833	22,667	30,922	20,072	18,121	15,299
Georgia	112,660	97,796	75,063	65,461	84,149	71,837	56,293	46,846
Louisiana	24,382	18,694	16,008	13,538	17,823	14,129	11,948	9,508
Mississippi	52,167	48,553	44,376	34,620	37,868	35,306	31,614	23,390
North Carolina	28,914	29,504	21,371	17,607	19,113	19,861	14,409	11,823
Oklahoma	46,204	28,869	37,397	28,885	31,514	15,914	26,213	20,966
South Carolina	40,329	37,772	29,887	26,779	29,506	26,742	21,799	19,105
Tennessee	36,202	29,477	22,176	19,234	25,776	19,213	15,032	12,658
Texas	200,785	156,975	141,970	129,243	153,665	119,459	111,027	99,959
All other states	12,330	12,017	9,578	7,151	8,124	8,333	6,601	5,051

[1] Relates to seed crushed and linters produced from Aug. 1 to specified date.
[2] Quantities for 1916 in equivalent 500-pound bales.

Table 51 shows, by states, the number of active cottonseed-oil mills for the season of 1916–17, together with the quantities of cotton seed crushed and of linters obtained for each crop from 1911 to 1916, inclusive. The linters obtained are given both in running bales and in equivalent 500-pound bales, while the table also shows the number of pounds of linters obtained per ton of seed crushed.

TABLE 51.—NUMBER OF COTTONSEED-OIL MILLS, QUANTITY OF SEED CRUSHED, AND QUANTITY OF LINTERS OBTAINED, BY STATES: CROPS OF 1911 TO 1916.

	United States.	Alabama.	Arkansas.	Florida.	Georgia.	Louisiana.	Mississippi.
Active cottonseed-oil mills, 1916, number	763	54	38	.....	138	22	48
Cotton seed crushed, tons:							
1916	4,479,176	197,589	368,301	(1)	766,684	174,101	387,670
1915	4,202,313	328,115	268,687	(1)	791,492	138,262	376,036
1914	5,779,665	502,374	314,308	33,150	1,053,927	175,924	527,905
1913	4,767,802	428,447	305,042	23,650	861,177	153,526	502,326
1912	4,579,508	347,224	249,360	19,069	630,836	151,742	393,635
1911	4,921,073	410,295	273,455	26,156	814,152	157,175	430,356
Linters obtained:							
Running bales—							
1916	1,300,163	68,028	110,110	(1)	222,819	54,910	122,260
1915	944,640	79,220	58,277	(1)	182,683	31,734	87,436
1914	832,401	69,924	46,242	3,060	141,478	24,689	78,781
1913	631,153	53,860	40,671	2,621	110,629	21,823	60,766
1912	602,324	38,839	34,084	1,415	76,185	17,927	45,228
1911	556,276	40,667	31,836	1,955	80,313	18,592	46,718
Equivalent 500-pound bales—							
1916	1,330,714	68,250	111,813	(1)	227,757	55,264	124,678
1915	931,141	76,879	58,030	(1)	178,249	31,609	88,331
1914	856,900	71,182	48,165	3,249	139,885	25,851	83,730
1913	638,881	53,960	42,049	2,409	108,799	22,368	64,658
1912	609,594	39,161	35,106	1,283	74,909	18,398	47,881
1911	557,575	40,673	32,994	1,693	77,172	18,885	48,777
Average per ton of seed crushed (pounds)—							
1916	149	172	151	(1)	149	158	161
1915	106	112	103	(1)	108	109	112
1914	74	71	77	49	66	73	79
1913	67	63	69	51	63	73	64
1912	67	56	70	34	59	61	61
1911	57	50	60	32	47	60	57

	Missouri.	North Carolina.	Oklahoma.	South Carolina.	Tennessee.	Texas.	All other states
Active cottonseed-oil mills, 1916, number	.....	66	58	79	19	225	[2] 16
Cotton seed crushed, tons:							
1916	(1)	264,099	306,839	261,101	290,948	1,349,516	112,328
1915	24,540	297,633	229,419	327,662	226,440	1,123,382	70,645
1914	32,226	387,765	410,733	460,757	277,930	1,514,505	88,161
1913	27,994	317,955	249,721	411,292	259,556	1,166,369	60,747
1912	22,419	309,800	337,617	340,555	164,703	1,570,966	41,582
1911	42,271	330,784	306,842	387,962	251,829	1,415,321	74,475
Linters obtained:							
Running bales—							
1916	(1)	64,315	90,894	72,732	88,509	371,042	33,944
1915	5,370	57,599	54,283	70,923	57,834	243,491	15,790
1914	4,062	45,497	68,929	58,416	41,601	238,395	11,327
1913	3,399	34,998	38,536	46,580	34,674	176,202	6,397
1912	2,433	28,729	52,016	35,517	22,292	243,314	4,345
1911	4,217	30,131	39,260	36,989	28,815	190,096	6,687
Equivalent 500-pound bales—							
1916	(1)	65,534	95,327	74,279	93,929	380,355	33,528
1915	5,261	55,177	54,131	67,785	57,963	241,675	16,051
1914	4,401	44,784	74,781	57,243	43,904	248,027	11,698
1913	3,538	33,321	40,867	45,016	35,739	179,525	6,632
1912	2,529	26,929	54,857	34,131	23,247	246,638	4,525
1911	4,381	28,955	40,830	35,384	29,408	191,221	7,202
Average per ton of seed crushed (pounds)—							
1916	(1)	124	155	142	161	141	149
1915	102	88	113	99	122	103	109
1914	68	58	91	62	79	82	66
1913	63	52	82	55	69	77	55
1912	56	43	81	50	71	78	54
1911	52	44	67	46	58	68	48

[1] Included in "All other States."
[2] Includes Arizona, 3; California, 5; Florida, 3; Illinois, 2; Kentucky, 1; Missouri, 2.

The quantity of seed crushed necessarily depends largely on the size of the cotton crop. There has, however, been an increased percentage of seed used in the mills because of extraordinary prices obtained for the products manufactured, the proportion for 1916 being 87.6 per cent. Each of the states shows a marked increase in the average pounds of linters obtained per ton of seed, the increase for the United States for the years during the period covered by the table being from 57 to 149 pounds. The highest average is shown for Alabama, where the increase was from 50 to 174 pounds.

IMPORTS AND EXPORTS.

Table 52 presents statistics showing the quantities of cottonseed oil imported and cottonseed products exported to the close of each month from the beginning of August, 1916, to the end of July, 1917.

TABLE 52.—IMPORTS OF COTTONSEED OIL AND EXPORTS OF COTTONSED OIL, CAKE, MEAL, AND LINTERS FROM AUGUST, 1916, TO JULY, 1917, INCLUSIVE.

MONTH.	AUGUST 1 TO CLOSE OF MONTH.				
	Imports.	Exports.			
	Oil (pounds).	Oil (pounds).	Cake (tons).	Meal (tons).	Linters (500-pound bales).
August	1,077,485	7,648,355	41,264	22,898	39,301
September	1,212,095	16,064,016	97,568	40,418	69,809
October	1,293,247	26,833,468	152,736	47,018	77,041
November	1,894,241	39,495,026	219,625	53,221	84,908
December	2,032,876	53,634,100	255,417	74,207	94,801
January	2,056,223	71,872,277	316,312	86,839	126,651
February	2,801,961	86,539,008	341,166	92,397	162,051
March	6,112,022	96,526,857	362,227	100,473	239,833
April	7,476,519	124,497,149	367,870	112,330	327,211
May	9,090,279	141,208,264	377,345	120,569	401,197
June	11,982,444	153,421,451	390,593	122,322	420,507
July	12,360,020	160,189,188	392,550	123,662	438,245

COMPARATIVE DATA FOR THE INDUSTRY.

The remarkable development of the cottonseed-products industry in the United States is indicated in Table 53, which shows the estimated quantity of cotton seed produced, the quantity utilized for manufacturing purposes, and the estimated quantities and values of crude products manufactured, together with statistics regarding the exports of cotton seed and its products for a series of years.

TABLE 53.—ESTIMATED QUANTITY OF COTTON SEED PRODUCED, QUANTITY OF COTTON SEED CRUSHED, ESTIMATED QUANTITIES AND VALUES OF CRUDE PRODUCTS OBTAINED, AND EXPORTS OF COTTONSEED PRODUCTS: 1874 TO 1916.

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

YEAR.	COTTON SEED—		CRUDE COTTONSEED PRODUCTS.				
				Oil.		Cake and meal.	
	Produced (tons).	Crushed (tons).	Total value.	Quantity (gallons).	Value.	Quantity (tons).	Value.
1916	5,113,000	4,479,176	$287,192,000	187,688,000	$153,419,000	2,225,000	$74,586,000
1915	4,992,000	4,202,313	189,260,000	167,110,000	87,940,000	1,924,000	51,863,000
1914	7,186,000	5,779,665	152,880,000	229,260,000	80,540,000	2,648,000	57,740,000
1913	6,305,000	4,847,628	159,670,000	193,330,000	81,020,000	2,223,000	59,810,000
1912	6,104,000	4,579,508	132,230,000	185,750,000	69,100,000	1,999,000	45,970,000
1911	6,997,000	4,921,073	131,340,000	201,650,000	66,580,000	2,151,000	49,720,000
1910	5,175,000	4,106,000	142,710,000	167,970,000	80,430,000	1,792,000	44,660,000
1909[1]	4,462,000	3,269,000	105,720,000	131,000,000	55,230,000	1,326,000	35,910,000
1908	5,904,000	3,670,000	86,090,000	146,790,000	44,090,000	1,492,000	33,589,000
1907	4,952,000	2,565,000	65,980,000	103,050,000	33,390,000	1,043,000	23,300,000
1906	5,913,000	3,844,000	94,380,000	153,760,000	43,050,000	1,563,000	39,140,000
1905	5,060,000	3,131,000	64,950,000	125,700,000	26,400,000	1,272,000	29,259,000
1904	6,427,000	3,345,000	69,310,000	133,820,000	31,340,000	1,360,000	27,770,000
1903	4,716,000	3,241,000	73,930,000	121,880,000	39,000,000	1,156,000	24,840,000
1902	5,092,000	3,269,000	71,290,000	122,910,000	40,560,000	1,165,000	23,310,000
1901	4,630,000	3,154,000	62,980,000	118,610,000	33,210,000	1,125,000	21,930,000
1900	4,830,000	2,415,000	48,230,000	96,610,000	26,080,000	845,000	16,270,000
1899	4,668,000	2,479,000	42,410,000	93,330,000	21,390,000	884,000	16,030,000
1898	5,472,000	2,353,000	27,960,000	94,110,000	13,180,000	823,000	14,780,000
1897	5,253,000	2,101,000	26,680,000	84,040,000	12,610,000	735,000	14,070,000
1896	4,070,000	1,628,000	26,260,000	65,120,000	11,720,000	570,000	14,540,000
1895	3,416,000	1,435,000	20,180,000	57,390,000	11,480,000	502,000	8,700,000
1894	4,792,000	1,677,000	24,870,000	67,090,000	13,420,000	587,000	11,450,000
1893	3,579,000	1,431,000	28,500,000	57,260,000	16,690,000	501,000	11,930,000
1892	3,183,000	1,050,000	18,630,000	42,010,000	10,080,000	368,000	8,550,000
1891	4,274,000	1,068,000	20,520,000	42,740,000	11,540,000	374,000	8,980,000
1890	4,093,000	1,023,000	19,790,000	40,930,000	11,460,000	358,000	8,330,000
1889	3,495,000	874,000	16,400,000	34,950,000	10,130,000	306,000	6,270,000
1888	3,310,000	794,000	20,370,000	31,770,000	13,980,000	278,000	6,390,000
1887	3,291,000	823,000	17,130,000	32,910,000	11,520,000	288,000	5,610,000
1886	3,018,000	694,000	12,820,000	27,770,000	8,050,000	243,000	4,770,000
1885	3,045,000	578,000	10,970,000	23,140,000	6,710,000	202,000	4,260,000
1884	2,625,000	499,000	10,470,000	19,950,000	6,989,000	174,000	3,490,000
1883	2,639,000	396,000	9,850,000	15,840,000	6,020,000	138,000	3,830,000
1882	3,266,000	392,000	10,640,000	15,680,000	7,060,000	137,000	3,580,000
1881	2,455,000	295,000	8,380,000	11,780,000	5,420,000	103,000	2,960,000
1880	3,039,000	182,000	4,610,000	7,290,000	2,770,000	64,000	1,840,000
1879	2,616,000	235,000	5,640,000	9,420,000	3,670,000	82,000	1,970,000
1878	2,268,000	181,000	3,810,000	7,260,000	2,400,000	64,000	1,410,000
1877	2,148,000	150,000	3,910,000	6,020,000	2,650,000	53,000	1,260,000
1876	1,969,000	98,000	2,610,000	3,940,000	1,770,000	34,000	840,000
1875	2,057,000	123,000	3,970,000	4,940,000	2,670,000	43,000	1,300,000
1874	1,687,000	84,000	2,530,000	3,370,000	1,590,000	30,000	940,000

TABLE 53.—ESTIMATED QUANTITY OF COTTON SEED PRODUCED, QUANTITY OF COTTON SEED CRUSHED, ESTIMATED QUANTITY AND VALUE OF CRUDE PRODUCTS OBTAINED, AND EXPORTS OF COTTONSEED PRODUCTS, 1874 TO 1916—Continued.

YEAR.	CRUDE COTTONSEED PRODUCTS—continued.				EXPORTS.		
	Hulls.		Linters.			Cottonseed products.	
	Quantity (tons).	Value.	Quantity (bales of 500 pounds net).	Value.	Cotton seed (tons).	Oil (gallons).	Cake and meal. (tons).
1916	969,000	$13,994,000	1,330,552	$45,193,000	501	21,198,086	575,080
1915	1,220,000	12,340,000	889,577	26,120,000	1,238	35,534,941	528,611
1914	1,677,000	8,450,000	820,274	6,150,000	3,157	42,448,870	739,533
1913	1,400,000	11,210,000	660,087	7,630,000	8,171	25,728,411	399,987
1912	1,540,000	9,710,000	583,091	7,450,000	12,024	42,031,052	564,046
1911	1,642,000	9,890,000	533,099	5,150,000	32,030	53,262,796	646,845
1910	1,375,000	11,370,000	379,576	6,250,000	6,612	30,069,459	402,268
1909[1]	1,189,000	9,810,000	296,640	4,770,000	12,466	29,860,667	320,044
1908	1,330,000	6,080,000	330,277	2,340,000	25,813	51,087,329	616,875
1907	927,000	6,370,000	256,487	2,920,000	14,239	41,019,991	464,644
1906	1,393,000	8,840,000	307,518	3,350,000	8,814	41,880,304	670,484
1905	1,135,000	5,110,000	219,397	4,190,000	11,859	43,793,519	555,417
1904	1,213,000	5,590,000	235,586	4,610,000	10,551	51,535,580	625,954
1903	1,528,000	5,710,000	194,486	4,380,000	6,430	29,013,743	410,175
1902	1,541,000	5,390,000	150,366	2,030,000	25,811	35,642,994	550,196
1901	1,487,000	6,320,000	145,103	1,520,000	28,202	33,042,848	525,233
1900	1,139,000	3,990,000	111,096	1,890,000	21,665	49,356,741	629,344
1899	1,169,000	3,190,000	114,544	1,800,000	24,928	46,992,399	571,852
1898	.....	.....	.....	.....	17,222	50,627,219	539,997
1897	.....	.....	.....	.....	16,382	40,230,784	459,864
1896	.....	.....	.....	.....	13,283	27,198,882	311,693
1895	.....	.....	.....	.....	13,490	19,445,848	202,469
1894	.....	.....	.....	.....	5,526	21,187,728	244,858
1893	.....	.....	.....	.....	2,710	14,958,309	.....
1892	.....	.....	.....	.....	2,260	9,462,074	.....
1891	.....	.....	.....	.....	6,075	13,859,278	.....
1890	.....	.....	.....	.....	5,054	11,093,160	.....
1889	.....	.....	.....	.....	3,830	13,384,385	.....
1888	.....	.....	.....	.....	5,687	2,690,700	.....
1887	.....	.....	.....	.....	3,109	4,458,597	.....
1886	.....	.....	.....	.....	5,616	4,067,138	.....
1885	.....	.....	.....	.....	5,897	6,240,139	.....
1884	.....	.....	.....	.....	5,523	6,364,279	.....
1883	.....	.....	.....	.....	2,837	3,695,946	.....
1882	.....	.....	.....	.....	5,900	415,611	.....
1881	.....	.....	.....	.....	5,951	713,549	.....
1880	.....	.....	.....	.....	5,814	3,444,084	.....
1879	.....	.....	.....	.....	6,071	6,997,796	.....
1878	.....	.....	.....	.....	8,199	5,352,530	.....
1877	.....	.....	.....	.....	8,379	4,992,349	.....
1876	.....	.....	.....	.....	5,155	1,705,422	.....
1875	.....	.....	.....	.....	2,582	281,054	.....
1874	.....	.....	.....	.....	2,658	417,387	.....

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

TABLE 54.—QUANTITY OF SEA-ISLAND COTTON GINNED FROM THE CROPS OF 1912 TO 1916, BY COUNTIES.

[Cotton shown in this table is also included in Tables 55 and 56.]

COUNTY.	SEA-ISLAND CROP (BALES)—					SEA-ISLAND COTTON GINNED TO DEC. 13 (BALES)—				
	1916	1915	1914	1913	1912	1916	1915	1914	1913	1912
FLORIDA.										
The state	36,092	28,094	33,662	25,587	22,334	34,728	26,721	30,488	24,126	19,505
Alachua	7,883	6,119	6,928	5,912	5,203	7,612	5,980	6,436	5,725	4,661
Baker	1,345	1,167	823	724	447	1,188	1,162	657	701	300
Bradford	4,256	3,071	3,348	2,649	1,899	4,114	3,023	3,086	2,596	1,600
Columbia	3,236	1,983	2,825	2,296	1,566	3,026	1,895	2,695	2,265	1,421
Hamilton	3,966	3,868	5,407	3,778	2,524	3,873	3,761	4,645	3,538	2,086
Jackson	4	153	64	80	131	3	150	48	28	89
Jefferson	124	145	116	125	210	122	138	108	125	195
Lafayette	807	449	715	697	628	755	403	647	605	581
Madison	7,289	5,833	6,400	4,275	4,684	7,129	5,458	5,920	3,937	4,010
Marion	465	(1)	(1)	(1)	(1)	458	(1)	(1)	(1)	(1)
Suwannee	6,466	4,894	6,432	4,532	4,391	6,206	4,385	5,772	4,225	3,993
Taylor	(1)	(1)	365	181	231	(1)	(1)	311	160	199
All other	251	412	239	338	420	242	366	163	221	310
GEORGIA.										
The state	77,981	57,572	42,395	43,305	43,736	73,028	52,037	37,395	39,014	35,418
Appling [2]	1,373	1,063	820	1,815	2,679	1,300	957	1,358	1,606	2,107
Bacon [2]	1,590	1,426	937	.....	.....	1,509	1,246	.....	.....	.....
Berrien	15,691	13,015	8,649	8,003	7,929	14,148	12,292	7,777	7,318	6,788
Brooks	7,298	4,381	1,645	2,028	2,117	7,083	4,222	1,525	1,899	1,732
Bulloch [3, 4]	3,945	2,369	1,823	4,457	6,339	3,307	2,132	1,761	3,837	5,328
Candler [3]	790	470	151	.....	.....	759	419	.....	.....	.....
Clinch	662	686	855	555	779	626	645	701	461	477
Coffee	7,842	5,190	2,723	3,109	4,125	7,408	4,833	2,189	2,741	3,118
Colquitt	2,349	1,472	564	950	1,067	2,309	1,422	533	882	957
Emanuel [3]	1,225	461	.....	55	173	1,113	416	14	55	123
Evans [4]	2,730	1,958	1,435	.....	.....	2,515	1,685	.....	.....	.....
Grady	329	(1)	(1)	(1)	(1)	329	(1)	(1)	(1)	(1)
Irwin	364	(1)	(1)	(1)	(1)	311	(1)	(1)	(1)	(1)
Lowndes	14,508	12,429	11,404	10,519	6,558	13,780	11,594	10,571	9,766	5,693
Mitchell	428	(1)	(1)	(1)	(1)	426	(1)	(1)	(1)	(1)
Pierce [2]	6,040	4,347	4,241	2,981	2,540	5,654	3,756	3,950	2,631	1,762
Tattnall [3, 4]	5,201	3,657	3,813	5,397	4,936	4,655	3,089	4,405	4,751	3,941
Thomas	871	(1)	(1)	(1)	(1)	857	(1)	(1)	(1)	(1)
Tift	230	(1)	(1)	(1)	(1)	224	(1)	(1)	(1)	(1)
Ware [2]	859	569	421	578	568	814	517	357	520	465
Wayne	3,565	2,659	2,165	1,893	1,726	3,320	2,379	1,845	1,718	1,244
All other	682	1,420	749	965	2,200	581	1,333	409	799	1,685
SOUTH CAROLINA.										
The state	3,486	6,178	5,597	8,671	7,707	2,407	4,452	3,518	6,380	5,522
Beaufort	952	860	997	1,662	1,213	577	456	477	721	515
Charleston	2,517	5,306	4,600	7,009	6,479	1,819	3,984	3,041	5,659	4,999
All other	17	12	.....	.....	15	11	12	.....	.....	8

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

TABLE 55.—NUMBER OF GINNERIES IN 1916 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1914 TO 1916, BY COUNTIES.

COUNTY.	GINNERIES. Active.	GINNERIES. Idle.	TOTAL QUANTITY GINNED. Number of bales (counting round as half bales)—			TOTAL QUANTITY GINNED. Number of equivalent 500-pound bales—			NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	1916		1916	1915	1914	1916	1915	1914	1916	1915	1914
ALABAMA. (See map, p. 137.)											
The state...	2,221	706	552,679	1,025,818	1,731,751	533,402	1,020,839	1,751,375	531,885	987,899	1,573,140
Autauga	31	15	3,837	9,806	24,538	3,751	9,573	24,828	3,781	9,604	22,779
Baldwin	5	7	59	413	810	53	424	837	49	349	754
Barbour	69	21	11,804	26,392	41,469	11,969	26,418	41,452	11,713	25,597	36,849
Bibb	14	17	827	4,332	11,883	816	4,407	12,427	801	4,177	9,471
Blount	41	6	10,204	14,449	19,787	9,375	13,576	18,849	9,742	13,379	16,991
Bullock	35	16	6,713	18,977	31,111	6,179	19,174	32,791	6,684	18,806	28,255
Butler	35	15	3,543	9,342	28,515	3,413	9,153	28,287	3,455	9,248	26,511
Calhoun	51	7	14,485	20,274	28,223	13,769	19,824	28,517	13,893	19,165	25,437
Chambers	47	13	24,146	26,535	41,621	24,170	26,355	41,771	23,427	26,218	37,469
Cherokee	60	.....	11,549	20,795	26,336	11,069	20,263	26,046	10,656	19,411	23,091
Chilton	18	12	3,777	13,000	22,454	3,611	13,049	22,800	3,747	12,900	20,672
Choctaw	22	26	1,459	3,072	4,648	1,390	3,047	4,677	1,388	2,920	4,123
Clarke	47	27	2,615	4,739	11,646	2,629	4,785	12,026	2,426	4,119	9,717
Clay	52	6	11,234	17,159	20,961	10,556	16,301	20,424	10,319	15,772	18,441
Cleburne	34	.....	5,709	8,475	10,387	5,367	7,968	9,967	5,395	7,970	8,653
Coffee	29	7	7,591	20,418	38,351	7,126	19,997	37,622	7,576	20,365	34,605
Colbert	20	7	10,620	14,075	18,039	10,758	14,694	18,613	10,313	13,790	17,248
Conecuh	27	16	2,312	4,885	17,256	1,975	4,784	16,901	2,236	4,692	16,441
Coosa	32	13	3,193	12,465	18,387	2,888	11,864	17,574	3,015	11,808	15,888
Covington	15	4	3,147	6,764	33,570	3,027	6,419	32,133	3,122	6,731	31,154
Crenshaw	27	12	5,562	14,463	30,142	5,516	14,509	30,449	5,282	13,813	26,700
Cullman	44	2	18,436	24,938	33,669	17,750	24,539	34,147	18,638	23,892	30,707
Dale	24	.....	5,520	20,677	31,888	4,833	19,970	30,817	5,466	20,023	27,532
Dallas	60	18	8,298	17,900	60,377	7,755	17,134	64,253	8,229	17,813	58,379
Dekalb	53	2	16,265	22,876	30,402	15,364	21,874	30,657	14,759	21,719	26,500
Elmore	44	8	8,702	20,575	33,563	8,310	20,386	33,805	8,452	19,793	31,493
Escambia	13	8	1,482	3,303	7,679	1,412	3,293	7,840	1,411	3,287	7,412
Etowah	35	4	11,974	16,590	22,588	11,462	16,086	22,773	10,497	15,061	19,423
Fayette	51	8	3,476	12,079	19,042	3,219	12,176	19,259	3,377	11,434	16,124
Franklin	24	4	8,917	14,993	19,410	8,191	15,152	19,371	8,515	13,955	17,306
Geneva	19	7	8,789	20,639	40,153	8,128	20,309	38,860	8,782	20,572	36,981
Greene	12	11	1,585	4,884	13,575	1,414	5,089	14,186	1,575	4,769	13,010
Hale	22	20	2,577	8,693	23,259	2,484	8,309	24,520	2,564	8,571	22,468
Henry	32	5	10,048	20,190	30,852	10,012	20,323	31,185	10,004	19,079	27,246
Houston	22	9	10,421	23,446	38,926	10,333	24,112	39,362	10,404	23,012	35,411
Jackson	28	4	11,902	13,396	19,919	12,121	13,782	20,417	10,479	12,691	16,752
Jefferson	45	13	3,104	8,423	12,874	2,972	8,440	12,920	2,948	7,639	10,691
Lamar	28	14	2,719	10,611	18,268	2,474	10,704	18,356	2,616	10,179	15,883
Lauderdale	34	6	18,630	24,329	28,215	17,412	24,728	28,604	17,587	23,180	26,447
Lawrence	24	4	14,426	21,310	23,530	14,844	22,636	24,264	13,921	20,550	22,298
Lee	30	7	17,681	22,336	33,283	17,826	22,524	33,656	17,201	21,866	31,300
Limestone	32	5	19,028	25,210	30,509	18,975	26,793	32,382	18,021	23,871	27,679
Lowndes	38	20	3,137	12,313	39,281	3,150	12,190	41,442	3,077	12,245	36,412
Macon	32	7	8,927	21,382	36,768	8,752	21,386	36,893	8,919	21,161	34,968
Madison	42	9	26,254	31,823	43,268	26,784	32,784	44,947	24,839	30,207	39,549
Marengo	28	15	6,180	12,891	28,507	5,766	12,651	29,955	6,014	12,718	27,888
Marion	34	1	5,810	14,243	20,133	5,418	14,217	19,505	5,657	13,858	17,740
Marshall	44	4	20,947	28,801	37,553	18,953	27,874	37,568	19,706	26,853	32,416
Mobile	.....	4	.....	142	354	.....	127	354	.....	116	319
Monroe	46	23	4,473	10,530	24,362	4,608	10,604	24,927	4,205	9,850	23,242
Montgomery	41	16	7,406	31,112	54,898	7,393	31,890	56,457	7,352	30,713	51,761
Morgan	43	3	19,423	27,400	31,590	19,652	28,447	33,568	18,369	26,070	28,065
Perry	26	23	3,394	9,853	35,510	3,230	9,713	37,484	3,368	9,683	33,104
Pickens	13	26	1,475	7,304	18,632	1,350	7,139	19,154	1,457	7,099	16,069
Pike	35	9	8,345	30,004	44,996	8,151	30,538	45,842	8,321	29,889	41,825
Randolph	50	1	15,146	19,160	27,020	14,449	18,275	25,664	14,585	18,485	24,237
Russell	56	13	11,351	21,894	37,466	10,636	21,461	37,039	11,260	21,104	33,430
St. Clair	24	1	7,248	10,719	16,011	6,932	10,590	16,338	7,063	10,152	14,073
Shelby	20	9	3,147	10,749	16,454	2,905	10,700	16,536	3,060	10,178	14,659

TABLE 55.—NUMBER OF GINNERIES IN 1916 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1914 TO 1916, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1916		1916	1915	1914	1916	1915	1914	1916	1915	1914
ALABAMA—Continued.											
Sumter	21	20	2,159	5,925	11,571	1,823	5,760	11,485	2,152	5,716	10,773
Talladega	41	5	20,000	30,166	38,297	18,904	29,937	38,527	19,748	29,481	36,317
Tallapoosa	40	14	11,924	23,307	30,287	11,387	22,787	30,309	11,781	21,983	26,882
Tuscaloosa	41	29	2,521	10,963	29,027	2,425	10,991	29,744	2,424	10,486	24,552
Walker	27	15	3,992	7,606	12,226	3,764	7,563	12,292	3,877	7,177	10,339
Washington	9	9	239	1,096	2,073	237	1,105	2,135	225	1,124	1,550
Wilcox	45	20	4,118	8,916	30,700	3,947	8,621	30,849	4,104	8,899	29,631
Winston	29	4	6,607	9,291	12,652	6,088	8,546	11,736	6,456	8,862	11,048
ARKANSAS. (See map, p. 138.)											
The state	1,771	195	1,102,671	789,583	999,237	1,134,033	816,002	1,016,170	1,044,051	722,184	893,965
Arkansas	10	2	4,937	3,062	4,605	5,008	3,044	4,507	4,823	2,958	3,989
Ashley	19	5	12,250	15,552	15,815	12,441	16,557	16,033	12,151	15,406	15,282
Baxter	23	5	1,961	965	2,062	1,848	962	2,071	1,817	679	1,766
Boone	4	.....	411	250	790	358	218	813	380	185	610
Bradley	20	1	5,691	5,168	7,301	5,706	5,197	7,285	5,645	4,992	6,748
Calhoun	21	.....	6,271	4,960	6,596	6,330	5,115	6,692	6,182	4,849	6,129
Chicot	31	3	16,924	15,433	20,158	16,927	15,822	20,182	15,570	13,874	15,544
Clark	31	2	11,854	8,950	11,405	11,937	9,142	11,353	11,811	8,816	10,898
Clay	13	3	11,858	9,636	13,677	11,946	10,075	14,366	11,665	8,824	12,220
Cleburne	14	1	4,379	2,981	5,132	4,495	3,076	5,186	4,303	2,672	4,872
Cleveland	27	3	10,073	8,769	10,834	10,152	8,769	10,455	10,026	8,513	10,142
Columbia	47	4	22,607	19,479	26,162	22,774	20,044	26,366	22,303	19,185	25,146
Conway	36	5	21,104	16,123	19,996	21,741	16,603	20,812	20,466	14,377	19,029
Craighead	19	2	19,746	13,412	14,609	20,541	13,354	14,992	18,935	11,947	12,382
Crawford	20	6	12,652	8,201	18,826	12,852	8,473	19,598	12,417	6,995	17,363
Crittenden	57	.....	59,192	38,409	49,933	61,796	39,769	51,980	51,999	32,500	37,429
Cross	15	.....	13,218	8,765	10,339	13,940	9,121	10,219	12,622	8,041	8,891
Dallas	22	4	5,129	3,946	5,471	5,159	4,000	5,390	5,088	3,775	4,848
Desha	29	9	19,345	14,664	16,345	19,670	15,248	16,695	17,646	14,107	13,437
Drew	26	2	13,627	13,468	15,976	13,493	13,745	15,784	13,434	13,052	14,701
Faulkner	28	4	21,792	17,906	23,068	22,441	18,551	24,060	21,485	16,722	22,018
Franklin	26	3	8,788	9,346	14,141	8,741	9,428	14,121	8,711	8,601	13,522
Fulton	15	.....	2,869	1,349	1,812	2,887	1,363	1,825	2,774	1,069	1,568
Garland	14	1	1,833	1,790	1,550	1,920	1,778	1,608	1,779	1,602	1,379
Grant	14	5	4,065	3,856	5,022	4,024	3,720	4,775	3,928	3,401	4,583
Greene	14	1	12,070	7,944	12,322	12,302	8,047	12,573	11,638	6,842	9,642
Hempstead	32	7	18,672	12,318	17,532	18,933	12,530	17,536	18,636	12,251	17,241
Hot Spring	21	.....	4,253	3,688	4,486	4,210	3,676	4,370	4,224	3,557	4,182
Howard	21	1	11,614	8,008	8,816	11,461	8,167	8,435	11,588	7,814	8,601
Independence	29	6	13,147	6,574	7,629	13,097	6,590	7,614	12,575	5,915	6,996
Izard	37	2	4,415	2,814	3,411	4,241	2,832	3,419	4,297	2,559	3,128
Jackson	36	3	34,626	26,776	23,744	34,460	26,824	23,739	34,251	25,252	22,047
Jefferson	76	6	59,149	40,383	46,325	59,303	40,787	45,936	52,981	36,398	39,916
Johnson	20	1	11,152	9,309	14,179	10,974	9,017	13,527	10,890	8,470	13,554
Lafayette	19	.....	11,416	6,840	11,981	11,982	7,053	12,017	11,365	6,736	11,729
Lawrence	27	3	21,179	16,613	15,991	20,340	16,935	16,237	20,802	15,145	15,249
Lee	35	3	40,887	23,944	26,994	45,360	26,836	29,318	36,651	21,594	21,063
Lincoln	26	8	19,730	16,466	17,109	19,343	16,469	16,616	18,596	15,152	15,353
Little River	10	4	14,257	5,527	12,382	14,802	5,753	12,758	14,156	5,357	11,841
Logan	34	4	16,525	15,251	22,168	16,773	15,876	22,598	16,351	14,081	21,105
Lonoke	46	3	42,819	34,770	31,072	44,163	36,175	31,979	40,648	31,539	28,742
Marion	12	1	1,290	886	1,979	1,314	886	2,022	1,114	706	1,786
Miller	20	8	11,860	6,908	12,161	12,043	7,039	12,341	11,761	6,708	11,633
Mississippi	48	.....	62,971	45,067	62,125	65,742	48,267	64,946	55,997	38,506	51,323
Monroe	22	1	24,415	12,538	15,928	26,603	13,724	16,903	22,686	11,932	13,894

TABLE 55.—NUMBER OF GINNERIES IN 1916 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1914 TO 1916, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1916		1916	1915	1914	1916	1915	1914	1916	1915	1914
ARKANSAS—Continued.											
Montgomery	18	4	3,749	2,181	3,569	3,765	2,146	3,436	3,739	1,886	3,361
Nevada	30	.....	13,819	11,523	14,655	14,037	11,601	14,743	12,496	10,738	11,304
Newton	3	5	303	175	668	309	181	669	262	96	340
Ouachita	33	7	9,048	6,747	9,195	9,062	6,809	9,072	8,985	6,559	8,695
Perry	14	2	5,920	4,290	5,439	6,049	4,430	5,476	5,867	4,046	5,249
Phillips	46	3	58,106	33,139	40,462	62,522	35,756	42,000	50,584	29,840	35,414
Pike	17	3	3,853	2,366	3,648	3,823	2,368	3,539	3,812	2,268	3,483
Poinsett	12	.....	17,349	11,160	11,304	18,296	11,647	11,173	16,562	10,026	9,723
Polk	14	.....	4,181	2,501	4,069	4,294	2,476	4,099	4,108	2,122	3,909
Pope	29	1	21,602	17,093	22,687	21,827	17,609	22,832	21,206	15,278	21,181
Prairie	18	1	9,782	6,881	6,736	10,238	7,233	6,915	9,324	6,472	5,748
Pulaski	55	1	28,385	20,269	21,765	29,015	20,731	22,361	25,962	17,102	19,312
Randolph	14	3	9,897	5,968	7,555	9,964	5,948	7,960	9,723	5,437	7,503
St. Francis	29	2	40,265	24,046	25,031	43,196	25,431	25,797	37,969	22,084	21,968
Saline	17	2	3,965	3,162	7,003	3,938	3,072	6,888	3,899	2,990	6,537
Scott	21	3	9,553	6,082	10,149	9,649	6,108	10,202	9,322	5,591	9,580
Searcy	8	3	1,271	514	1,841	1,279	500	1,851	1,247	445	1,522
Sebastian	21	1	10,237	7,928	16,432	10,368	8,114	16,748	10,182	6,941	15,749
Sevier	14	5	7,655	3,377	6,715	8,052	3,443	6,757	7,618	3,298	6,395
Sharp	17	1	2,972	2,534	3,015	2,947	2,545	3,018	2,856	2,261	2,863
Stone	16	5	1,377	456	1,012	1,397	462	1,007	1,329	373	845
Union	51	1	15,244	11,310	16,041	15,128	11,335	15,656	14,867	10,969	14,710
Van Buren	14	3	5,412	3,747	6,039	5,632	3,902	6,278	5,304	3,234	5,693
White	38	6	21,751	15,484	19,609	22,256	15,787	19,735	21,348	13,861	18,565
Woodruff	22	1	25,314	21,746	22,194	27,239	23,497	23,175	21,728	20,199	19,513
Yell	34	.....	22,638	15,840	22,445	23,118	16,214	22,701	22,185	14,412	21,282
FLORIDA. (See map, p. 139.)											
The state	181	70	50,979	55,354	90,648	41,449	47,831	81,255	49,349	53,405	80,909
Alachua	20	5	8,144	6,172	8,083	5,913	4,483	6,198	7,839	6,028	7,458
Baker	5	1	1,345	1,167	1,063	1,007	882	820	1,188	1,162	869
Bradford	13	2	4,256	3,074	3,590	3,110	2,249	2,746	4,114	3,026	3,302
Columbia	10	6	3,447	2,073	3,785	2,609	1,575	3,176	3,235	1,985	3,608
Gadsden	8	2	694	506	1,063	710	475	1,028	680	465	379
Hamilton	8	4	3,966	3,869	5,437	2,884	2,777	3,986	3,873	3,761	4,670
Holmes	5	5	234	1,034	5,315	237	1,047	5,319	233	1,033	4,810
Jackson	16	2	4,366	14,867	23,872	4,433	14,888	23,266	4,336	14,725	21,935
Jefferson	22	4	4,153	4,189	7,021	3,729	3,916	6,914	4,118	4,074	6,429
Lafayette	5	1	807	449	715	621	352	567	755	403	647
Leon	15	.....	3,057	3,663	5,592	3,024	3,537	5,612	3,011	3,561	4,799
Levy	3	1	107	(1)	(1)	87	(1)	(1)	104	(1)	(1)
Madison	12	2	8,125	6,444	8,966	6,521	5,160	7,458	7,954	6,047	8,235
Marion	3	1	556	(1)	(1)	403	(1)	(1)	520	(1)	(1)
Okaloosa[2]	5	7	189	419	.....	166	417	.....	183	401	.....
Suwannee	19	.....	6,552	4,940	6,996	5,050	3,688	5,428	6,286	4,412	6,238
Taylor	1	2	(1)	(1)	365	(1)	(1)	296	(1)	(1)	311
Walton[2]	2	11	(1)	98	2,739	(1)	93	2,625	(1)	91	2,352
Washington	2	3	(1)	978	2,769	(1)	985	2,736	(1)	978	2,195
All other	7	11	981	1,412	3,277	945	1,307	3,080	920	1,253	2,672

[1] Included in "All other counties," to avoid disclosure of individual operations.
[2] Okaloosa County organized from parts of Santa Rosa and Walton.

TABLE 55.—NUMBER OF GINNERIES IN 1916 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1914 TO 1916, BY COUNTIES—Continued.

COUNTY.	GINNERIES. Active.	GINNERIES. Idle.	TOTAL QUANTITY GINNED. Number of bales (counting round as half bales)—			TOTAL QUANTITY GINNED. Number of equivalent 500-pound bales—			NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	1916		1916	1915	1914	1916	1915	1914	1916	1915	1914
GEORGIA (See map, p. 140.)											
The state	3,474	648	1,852,104	1,937,730	2,723,094	1,820,939	1,908,673	2,718,037	1,780,310	1,861,362	2,451,644
Appling[1]	9	7	4,358	3,690	6,828	4,027	3,325	6,539	4,234	3,483	9,920
Bacon[1]	8	2	2,599	2,718	4,591	2,166	2,285	4,305	2,489	2,474	.....
Baker	9	1	5,134	6,372	11,602	5,172	6,313	11,512	5,122	6,239	10,666
Baldwin	17	.....	9,723	9,562	14,385	9,342	9,526	14,719	9,230	9,181	13,128
Banks	30	.....	8,488	10,581	11,211	7,885	10,001	10,361	7,976	9,686	9,376
Barrow[2]	24	4	13,310	15,312	18,181	12,802	14,730	17,676	12,478	14,656	.....
Bartow	35	3	15,868	20,210	28,172	15,824	20,424	28,927	14,857	19,107	25,708
Ben Hill	13	5	12,394	9,831	14,234	11,869	9,636	14,080	12,251	9,477	13,166
Berrien	15	7	21,816	19,108	20,953	18,554	15,637	18,762	20,751	18,206	18,909
Bibb	23	4	10,633	8,777	14,340	10,873	8,853	14,618	10,038	8,095	13,276
Bleckley	16	4	8,277	9,972	14,570	8,462	10,405	15,281	8,231	9,876	13,669
Brooks	27	4	19,645	16,581	19,129	18,907	15,871	19,425	19,243	16,185	17,988
Bryan	10	5	2,867	2,120	4,122	2,707	1,940	3,865	2,784	2,042	3,634
Bulloch[3,4]	52	12	27,200	21,753	38,836	26,041	21,006	38,703	25,730	20,793	33,789
Burke	90	19	53,963	41,611	60,820	56,957	42,629	63,524	52,350	40,144	53,749
Butts	15	7	12,011	11,677	17,015	12,410	12,013	17,641	11,639	11,430	15,209
Calhoun	17	5	10,073	13,692	19,954	9,882	13,424	19,830	10,045	13,315	18,254
Camden	3	1	183	128	531	177	105	476	167	102	173
Campbell	20	1	11,022	13,777	17,612	11,009	13,879	18,119	10,114	13,317	15,543
Candler[3]	14	9	8,886	7,438	12,158	9,245	7,570	12,177	8,700	7,318	.....
Carroll	47	4	26,928	38,625	45,371	25,802	36,578	43,729	24,982	35,927	39,526
Catoosa	5	2	1,085	1,545	2,156	1,009	1,523	2,070	914	1,370	1,590
Charlton	3	3	602	370	642	466	233	608	504	323	490
Chattahoochee	31	6	3,928	4,293	8,781	3,835	4,152	8,769	3,844	4,185	7,998
Chattooga	20	3	9,155	11,810	15,582	8,606	11,305	15,196	8,351	10,732	12,948
Cherokee	49	.....	8,851	10,971	13,746	7,784	9,938	12,624	7,014	9,880	12,144
Clarke	19	1	11,837	12,189	14,200	11,723	11,962	14,311	11,182	11,732	12,132
Clay	11	10	3,986	8,793	15,449	3,945	8,800	15,848	3,967	8,498	14,564
Clayton	14	5	8,790	11,777	15,139	8,584	11,958	15,318	8,234	11,548	13,651
Clinch	5	.....	841	1,202	1,691	659	1,015	1,503	786	854	1,440
Cobb	43	3	15,237	19,388	25,636	14,362	18,411	24,677	12,923	18,222	23,039
Coffee	29	1	23,897	20,144	26,427	21,530	18,605	24,947	23,216	19,608	23,730
Colquitt	21	1	23,214	19,690	26,858	22,795	19,281	26,345	23,111	18,990	26,059
Columbia	27	4	12,749	11,905	17,866	13,009	12,453	18,452	12,203	11,491	16,179
Coweta	31	3	22,826	26,870	40,240	22,940	27,364	40,980	20,950	26,130	35,697
Crawford	18	3	5,598	5,051	8,838	5,701	5,278	8,948	5,547	4,943	7,766
Crisp	19	3	20,953	19,932	28,114	21,054	20,119	28,395	20,716	19,383	27,188
Dawson	12	2	1,455	1,786	2,541	1,170	1,512	2,267	1,197	1,605	1,949
Decatur	22	3	9,449	13,933	20,556	9,264	13,585	21,074	9,380	13,455	17,978
Dekalb	25	4	8,997	11,918	16,449	8,452	11,460	16,160	7,959	11,461	15,110
Dodge	33	1	28,446	24,840	37,791	29,026	25,039	38,108	28,064	23,881	35,246
Dooly	34	6	38,039	33,726	44,100	39,325	34,306	45,317	37,628	33,139	41,568
Dougherty	17	9	12,862	13,089	22,331	13,410	13,149	22,670	12,279	12,415	20,454
Douglas	16	2	7,210	10,059	13,238	6,744	9,502	12,806	6,295	9,606	11,164
Early	14	5	11,068	17,703	27,695	10,718	18,284	28,360	11,044	17,365	25,937
Effingham	18	2	4,297	2,812	5,566	4,187	2,724	5,342	4,073	2,640	4,916
Elbert	35	11	19,079	20,291	22,394	17,854	18,858	21,364	18,249	19,428	19,583
Emanuel[3]	33	2	26,609	27,743	40,190	26,822	27,782	40,929	25,991	27,134	38,572
Evans[4]	16	2	7,258	5,851	9,125	6,593	5,159	8,507	6,938	5,462	.....
Fayette	19	6	11,056	13,011	18,596	11,054	13,003	18,529	10,238	12,786	16,655
Floyd	43	2	13,696	19,123	27,579	13,165	18,859	27,822	12,127	17,518	24,463
Forsyth	39	2	7,488	10,044	11,924	6,598	8,941	11,042	6,472	9,402	10,285
Franklin	44	8	22,750	23,979	22,999	21,194	22,363	21,923	21,378	22,588	18,919

[1] Bacon County organized from parts of Appling, Pierce, and Ware, Jan. 1, 1915.
[2] Barrow County organized from parts of Gwinnett, Jackson, and Walton, Jan. 1, 1915.
[3] Candler County organized from parts of Bulloch, Emanuel, and Tattnall, Jan. 1, 1915.
[4] Evans County organized from parts of Bulloch and Tattnall, Jan. 1, 1915.

TABLE 55.—NUMBER OF GINNERIES IN 1916 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1914 TO 1916, BY COUNTIES—Continued.

COUNTY.	GINNERIES. Active. 1916	GINNERIES. Idle. 1916	TOTAL QUANTITY GINNED. Number of bales (counting round as half bales)— 1916	1915	1914	Number of equivalent 500-pound bales— 1916	1915	1914	NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)— 1916	1915	1914
GEORGIA—Continued.											
Fulton	6	1	1,463	2,184	2,937	1,381	2,116	2,889	1,267	2,133	2,635
Glascock	12	5	3,234	4,017	4,900	3,342	4,119	5,220	3,130	3,851	4,261
Gordon	21	3	11,158	14,669	17,512	10,455	13,947	16,675	10,331	13,773	15,400
Grady	17	2	5,856	6,879	9,088	5,736	6,632	8,765	5,819	6,545	8,136
Greene	19	6	12,517	15,004	20,299	12,387	15,181	20,888	11,964	14,581	18,092
Gwinnett [1]	60	7	18,870	25,516	31,910	17,572	24,225	31,087	17,001	24,366	31,360
Habersham	6	2	860	1,291	2,157	709	1,169	1,905	703	1,101	1,575
Hall	62	8	11,848	14,625	19,538	10,104	13,198	17,369	10,526	13,616	15,524
Hancock	31	6	16,234	18,540	24,561	16,078	18,677	25,077	16,061	18,136	22,199
Haralson	17	9	7,111	10,652	14,771	6,471	10,243	14,340	6,632	10,235	12,312
Harris	33	7	16,817	19,752	29,754	16,830	19,898	30,099	16,674	19,574	27,444
Hart	36	6	16,828	17,087	18,584	16,451	16,520	18,190	16,113	16,529	16,102
Heard	21	10	8,375	10,921	16,349	8,182	10,895	16,427	8,061	10,475	14,922
Henry	27	5	19,330	23,083	32,690	19,635	22,691	32,971	18,311	22,546	29,233
Houston	49	15	19,929	15,977	26,626	20,507	16,431	27,542	19,664	15,455	25,085
Irwin	18	.....	20,585	16,780	22,049	19,953	17,084	22,142	20,127	16,486	20,013
Jackson [1]	61	.....	27,110	31,359	32,929	25,565	29,622	32,014	25,266	29,438	35,064
Jasper	32	3	22,641	20,944	20,223	23,221	21,367	20,895	21,486	20,487	25,605
Jeff Davis	8	2	2,378	3,223	5,243	2,316	3,117	4,924	2,329	3,129	4,737
Jefferson	40	11	25,632	23,666	33,011	26,924	24,551	33,955	25,227	22,942	29,921
Jenkins	43	7	15,556	14,052	22,336	15,979	13,987	22,622	15,044	13,708	20,418
Johnson	23	1	14,825	15,665	26,488	15,334	16,082	26,583	14,673	15,423	23,684
Jones	31	4	11,157	11,035	16,887	11,173	10,832	17,289	10,750	10,624	15,419
Laurens	50	13	35,760	40,990	59,558	35,674	41,318	59,046	35,328	39,489	52,358
Lee	28	11	10,379	10,084	17,953	10,566	10,070	18,229	10,332	9,848	17,114
Liberty	10	1	1,300	1,000	2,818	1,209	902	2,519	1,208	924	2,106
Lincoln	19	10	6,478	8,369	10,838	6,343	8,672	11,256	6,158	7,945	9,422
Lowndes	22	4	14,886	12,783	14,053	11,990	10,335	11,875	14,139	11,923	12,932
Lumpkin	6	.....	606	869	887	499	724	774	513	778	598
McDuffie	19	5	8,988	9,795	11,667	9,330	10,261	12,400	8,655	9,504	10,408
Macon	28	6	15,187	11,728	22,255	15,011	11,465	22,282	15,098	11,285	20,733
Madison	43	3	20,724	22,710	23,845	19,410	21,007	22,777	20,008	21,874	20,836
Marion	31	3	5,046	6,121	11,492	4,996	6,061	11,644	4,978	5,933	10,194
Meriwether	30	2	24,657	26,404	39,338	23,705	26,224	40,321	24,232	26,103	36,410
Miller	6	.....	3,509	5,638	7,588	3,414	5,521	7,929	3,507	5,572	6,794
Milton	21	2	5,389	7,191	8,768	4,791	6,509	8,182	4,885	6,846	7,927
Mitchell	26	.....	27,915	26,403	37,385	29,202	27,372	38,140	27,841	25,452	35,133
Monroe	39	1	18,894	17,975	25,671	18,342	17,799	26,010	18,117	17,701	23,318
Montgomery	17	.....	13,623	13,575	19,089	13,656	13,689	19,173	13,380	13,188	16,505
Morgan	29	9	22,945	23,365	32,021	23,014	23,421	32,392	21,766	22,521	28,183
Murray	8	.....	2,774	3,089	4,391	2,513	2,907	3,958	2,652	2,974	3,499
Muscogee	20	2	6,414	6,451	11,456	6,284	6,405	11,598	6,252	6,207	10,272
Newton	24	1	16,189	20,193	28,417	15,878	20,314	28,093	15,719	19,705	25,250
Oconee	21	.....	15,008	17,082	18,593	14,939	17,407	18,251	14,412	16,458	17,204
Oglethorpe	40	9	20,924	24,014	26,251	19,874	23,010	26,403	19,662	21,975	22,048
Paulding	18	2	8,481	11,920	15,546	7,677	11,071	14,526	7,496	11,352	13,901
Pickens	15	3	2,037	2,500	3,486	1,788	2,311	3,189	1,798	2,342	2,978
Pierce [2]	15	1	6,569	4,842	6,905	5,014	3,779	5,727	6,155	4,190	6,631
Pike	26	3	20,957	20,545	27,431	21,053	20,911	27,842	20,537	20,413	25,440
Polk	27	3	11,111	16,187	22,934	10,340	15,452	23,108	10,289	15,392	20,584
Pulaski	14	3	14,354	11,784	19,805	15,155	12,218	20,316	14,278	11,556	18,732
Putnam	22	16	11,727	12,078	16,588	11,835	12,462	17,155	11,179	11,418	14,361
Quitman	11	5	1,189	3,285	5,245	1,167	3,275	5,206	1,184	3,095	4,693
Randolph	22	9	11,792	16,990	27,759	11,467	16,297	26,943	11,735	16,180	25,832
Richmond	16	4	8,393	8,994	12,238	8,497	8,996	12,380	8,023	8,270	11,008
Rockdale	16	1	6,521	9,009	12,255	6,401	9,011	12,743	5,929	8,564	10,786
Schley	14	4	5,691	5,873	9,466	5,692	5,777	9,349	5,677	5,687	8,410
Screven	83	30	26,410	23,815	38,380	24,982	24,046	38,685	25,517	22,785	34,066

[1] Barrow County organized from parts of Gwinnett, Jackson, and Walton, Jan. 1, 1915.
[2] Bacon County organized from parts of Appling, Pierce, and Ware, Jan. 1, 1915.

TABLE 55.—NUMBER OF GINNERIES IN 1916 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1914 TO 1916, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1916		1916	1915	1914	1916	1915	1914	1916	1915	1914
GEORGIA—Continued.											
Spalding	23	5	15,476	15,732	22,476	15,643	15,993	22,710	14,830	15,002	18,809
Stephens	16	3	5,861	6,607	7,935	5,575	6,137	7,621	5,413	6,272	6,651
Stewart	20	7	8,205	11,770	19,377	8,236	11,718	19,559	8,114	11,430	17,513
Sumter	70	16	31,990	28,335	46,365	33,043	28,813	46,930	31,623	27,020	42,806
Talbot	18	2	9,349	9,619	14,114	9,532	9,771	14,537	9,207	9,553	12,697
Taliaferro	14	2	6,757	8,047	12,080	6,575	8,079	12,360	6,566	7,761	10,274
Tattnall [1]	13	8	11,320	9,014	14,982	10,622	8,075	13,888	10,297	7,998	21,684
Taylor	26	11	9,493	8,043	16,117	9,577	7,961	15,633	9,019	7,562	14,315
Telfair	20	2	12,091	15,948	21,050	12,154	15,935	20,999	11,986	15,587	19,254
Terrell	23	4	24,651	24,918	38,473	24,133	24,365	38,319	24,591	24,293	36,940
Thomas	22	3	17,568	16,627	26,221	17,588	16,578	26,252	17,491	16,285	24,766
Tift	15	.....	19,669	16,642	21,966	19,795	16,600	21,808	19,578	16,365	21,270
Toombs	15	2	10,380	9,700	14,965	10,247	9,361	15,121	9,881	9,326	13,316
Troup	22	4	19,551	19,736	33,620	19,007	19,444	33,432	18,744	19,482	30,444
Turner	19	.....	21,061	18,735	26,419	21,427	19,053	27,106	20,923	18,207	25,391
Twiggs	36	8	8,111	8,905	13,940	8,362	9,083	14,383	7,988	8,471	12,699
Upson	23	4	12,304	11,526	17,062	12,097	11,487	17,130	12,015	11,343	15,231
Walker	14	2	6,321	7,150	10,988	6,399	6,910	10,674	5,869	6,719	9,626
Walton [2]	43	.....	25,145	30,510	40,123	24,345	29,436	38,951	23,614	29,137	42,665
Ware [3]	5	.....	1,762	1,263	2,202	1,499	1,084	1,958	1,644	1,176	1,964
Warren	23	7	8,914	11,111	15,542	9,224	11,584	16,406	8,569	10,622	13,627
Washington	44	7	24,260	24,992	35,565	25,376	25,487	37,187	23,784	24,297	31,886
Wayne	15	5	5,789	4,331	7,013	4,836	3,766	6,250	5,477	3,968	6,167
Webster	11	8	2,829	4,015	6,075	2,608	3,907	6,073	2,825	3,930	5,599
Wheeler	8	2	5,478	6,644	9,191	5,432	6,708	9,185	5,423	6,514	8,007
White	6	.....	695	527	789	573	474	697	535	449	628
Whitfield	16	3	5,497	6,258	8,260	4,988	5,826	7,870	5,237	5,875	7,194
Wilcox	26	.....	29,562	21,835	31,406	30,591	22,804	31,682	29,064	20,977	29,855
Wilkes	36	16	22,371	25,439	32,625	22,282	26,197	33,760	20,849	24,319	27,668
Wilkinson	36	2	7,579	7,593	11,014	7,321	7,514	11,045	7,389	7,262	9,786
Worth	22	2	28,751	25,230	31,866	28,866	24,968	31,936	28,638	24,664	30,810
All other	6	8	1,397	983	2,005	1,282	899	1,806	1,144	658	1,248
LOUISIANA. (See map, p. 139).											
The state	1,099	336	441,121	336,813	452,261	443,182	341,063	449,458	431,664	329,078	415,278
Acadia	9	1	9,040	4,472	10,539	9,163	4,263	10,453	9,018	4,380	9,620
Allen	2	3	(4)	26	168	(4)	23	154	(4)	26	94
Ascension	4	3	1,965	379	1,260	1,815	385	1,221	1,669	359	1,152
Avoyelles	37	6	19,866	18,476	22,707	21,126	19,525	23,143	19,813	18,366	22,299
Beauregard	4	2	754	387	586	738	382	583	722	352	548
Bienville	41	4	15,481	14,283	14,646	15,345	14,620	14,309	15,282	14,136	14,144
Bossier	45	5	26,002	19,749	26,093	27,105	20,615	26,780	25,313	19,293	24,986
Caddo	56	7	41,974	28,704	38,488	42,816	29,621	38,714	41,507	27,344	35,125
Caldwell	23	2	3,804	2,690	3,294	3,634	2,575	3,120	3,725	2,666	2,715
Cameron	5	.....	1,571	498	1,899	1,635	496	1,932	1,430	410	1,195
Catahoula	29	6	7,945	5,085	7,971	8,193	5,063	7,912	7,725	5,035	7,344
Claiborne	49	14	20,481	18,324	24,799	20,612	18,412	23,703	20,244	18,150	23,826
Concordia	29	13	5,853	4,470	7,110	5,886	4,516	7,103	4,032	3,859	4,783
De Soto	42	3	22,211	19,881	20,901	22,944	20,625	19,927	21,927	19,696	19,767
East Baton Rouge	7	18	3,982	1,844	3,918	4,011	1,793	3,692	3,974	1,836	3,784
East Carroll	16	1	6,006	5,594	8,105	6,501	6,053	8,851	5,959	5,459	7,572

[1] Parts of Tattnall County included in Candler and Evans, organized Jan. 1, 1915.
[2] Barrow County organized from parts of Gwinnett, Jackson, and Walton, Jan. 1, 1915.
[3] Bacon County organized from parts of Appling, Pierce, and Ware, Jan. 1, 1915.
[4] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 55.—NUMBER OF GINNERIES IN 1916 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1914 TO 1916, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1916		1916	1915	1914	1916	1915	1914	1916	1915	1914
LOUISIANA—Continued.											
East Feliciana	16	1	4,996	2,836	5,204	5,065	2,694	5,131	4,989	2,810	5,165
Evangeline	13	3	11,419	7,283	10,564	10,704	6,759	10,467	11,316	7,283	10,248
Franklin	26	.....	19,895	15,716	17,683	19,919	16,508	18,079	19,649	15,534	16,530
Grant	18	4	3,663	2,027	2,701	3,713	2,036	2,590	3,630	2,014	2,415
Iberia	2	4	(1)	60	928	(1)	61	959	(1)	60	609
Jackson	27	6	5,597	4,614	5,284	5,418	4,415	5,112	5,407	4,400	4,441
La Salle	4	2	742	308	642	740	283	609	733	294	527
Lafayette	9	3	13,102	8,476	13,657	13,102	8,308	13,968	13,045	8,441	12,589
Lincoln	36	2	9,480	8,942	10,863	9,577	9,098	10,922	9,453	8,871	10,379
Madison	17	12	5,179	3,892	4,637	5,385	4,039	4,824	4,740	3,562	3,780
Morehouse	29	5	14,928	15,455	17,168	14,355	14,964	16,807	14,583	14,715	15,209
Natchitoches	68	13	21,797	18,957	19,842	21,911	19,200	19,641	21,629	18,839	19,057
Ouachita	36	17	11,436	8,073	11,022	11,214	8,065	10,929	10,936	7,882	8,665
Pointe Coupee	22	24	4,519	2,291	4,919	4,552	2,270	4,888	4,389	2,229	4,444
Rapides	32	12	14,408	8,041	12,015	14,068	8,070	11,914	14,299	7,962	11,638
Red River	19	4	12,431	10,276	14,372	12,637	10,385	14,093	12,385	10,269	13,992
Richland	31	2	22,144	15,978	19,634	22,489	16,186	19,823	21,766	15,899	18,372
Sabine	22	5	7,284	6,487	8,517	7,022	6,327	8,323	7,211	6,354	7,827
St. Helena	9	7	933	739	1,027	906	704	933	926	735	980
St. Landry	42	15	20,113	13,510	22,659	19,031	12,957	21,930	19,943	13,186	21,616
St. Martin	4	4	1,247	(1)	1,651	1,322	(1)	1,509	1,114	(1)	613
St. Tammany	3	3	168	125	296	163	114	258	162	119	206
Tangipahoa	8	4	1,355	780	976	1,316	724	948	1,347	716	503
Tensas	51	29	7,755	7,000	9,790	7,795	7,477	10,191	7,390	6,567	7,653
Union	39	3	8,097	7,297	12,192	8,026	7,218	11,892	7,860	7,050	11,185
Vermilion	4	3	2,361	387	2,464	2,337	390	2,544	2,175	387	1,802
Vernon	19	2	1,598	826	1,664	1,522	776	1,611	1,572	783	1,324
Washington	25	2	2,299	2,339	2,843	2,076	2,159	2,556	2,247	2,265	2,677
Webster	27	.....	13,823	10,091	13,222	14,182	10,271	13,143	13,762	9,755	11,745
West Carroll	6	1	4,001	5,415	5,887	3,987	5,809	5,997	3,988	5,339	5,733
West Feliciana	5	12	1,956	929	1,145	1,855	908	1,103	1,954	928	1,085
Winn	25	4	3,264	2,184	3,215	3,141	2,329	3,179	3,116	2,071	2,805
All other	7	40	2,196	617	1,094	2,128	587	988	1,608	383	510
MISSISSIPPI. (See map, p. 143.)											
The state	1,949	667	800,190	925,509	1,217,883	811,794	953,965	1,245,535	761,682	862,201	1,082,816
Adams	9	12	1,431	1,200	1,519	1,305	1,146	1,480	1,355	1,055	1,360
Alcorn	29	7	8,891	10,091	13,379	8,772	10,337	13,639	8,635	9,668	12,140
Amite	23	10	4,494	2,947	2,846	4,310	2,919	2,642	4,463	2,893	2,633
Attala	26	13	2,677	6,860	9,978	2,434	6,492	9,669	2,571	6,601	8,899
Benton	32	6	6,688	7,274	9,787	6,687	7,358	10,133	6,329	6,784	8,730
Bolivar	92	4	105,393	92,563	107,485	111,978	102,838	115,020	100,383	84,640	94,454
Calhoun	23	9	1,769	7,901	11,134	1,642	7,722	11,089	1,717	7,718	9,990
Carroll	26	4	4,314	9,363	15,287	4,038	9,234	14,993	4,290	9,254	14,383
Chickasaw	15	8	4,214	9,782	16,925	4,004	10,120	17,724	4,195	9,681	15,582
Choctaw	15	7	869	2,776	4,477	787	2,596	4,281	847	2,698	4,077
Claiborne	10	17	3,592	3,807	4,896	3,295	3,403	4,328	3,580	3,784	4,594
Clarke	10	12	877	2,097	2,438	883	2,168	2,479	809	1,907	2,059
Clay	12	10	2,391	4,979	11,241	2,312	5,034	11,736	2,388	4,955	10,822
Coahoma	82	9	104,285	68,350	87,510	110,709	71,658	87,422	90,497	55,374	68,583
Copiah	22	9	3,356	2,482	3,855	3,178	2,358	3,760	3,343	2,469	3,656
Covington	16	3	1,324	2,052	2,895	1,210	1,915	2,725	1,301	1,929	2,558
De Soto	34	2	32,897	26,465	30,308	34,891	27,688	31,690	30,552	23,125	25,249
Forrest	3	4	318	873	1,612	299	863	1,577	309	860	1,497
Franklin	12	10	2,048	890	1,150	1,925	873	1,096	1,983	827	865
Grenada	19	6	3,063	8,774	11,681	2,800	8,704	11,354	3,046	8,659	11,109

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

TABLE 55.—NUMBER OF GINNERIES IN 1916 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1914 TO 1916, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1916		1916	1915	1914	1916	1915	1914	1916	1915	1914
MISSISSIPPI—Continued.											
Hinds	30	.....	11,435	16,258	21,391	10,500	15,735	20,878	11,381	16,161	20,777
Holmes	48	24	14,218	23,229	32,778	13,694	22,422	33,519	14,115	22,361	30,756
Issaquena	19	.....	3,246	5,535	6,165	3,408	5,888	6,552	3,189	4,910	4,653
Itawamba	29	5	1,791	9,195	11,325	1,682	9,386	11,545	1,759	8,866	10,356
Jasper	20	6	1,530	3,314	3,609	1,393	3,160	3,465	1,503	3,288	3,367
Jefferson	16	13	4,411	3,116	3,740	4,042	2,883	3,498	4,293	2,927	3,013
Jefferson Davis	17	2	2,803	3,169	5,049	2,582	2,938	4,701	2,700	3,118	4,722
Jones	10	5	1,108	3,544	4,727	885	3,349	4,454	1,058	3,395	4,026
Kemper	35	21	1,882	6,198	9,451	1,819	6,120	9,648	1,810	6,044	8,385
Lafayette	35	22	4,330	11,520	14,599	3,790	11,377	14,374	4,286	11,123	12,563
Lamar	6	10	205	301	829	188	283	730	175	286	608
Lauderdale	25	24	1,626	3,697	4,640	1,546	3,622	4,734	1,441	3,128	3,852
Lawrence	15	3	4,239	4,753	5,020	3,986	4,615	4,867	4,226	4,720	4,826
Leake	39	7	2,415	4,912	6,752	2,175	4,663	6,508	2,374	4,794	5,888
Lee	19	8	6,075	20,553	25,934	5,905	21,679	27,469	6,016	20,185	24,663
Leflore	73	8	40,158	38,183	55,331	40,809	39,374	54,490	38,825	37,666	51,010
Lincoln	13	.....	5,203	6,132	7,629	5,210	6,214	7,449	5,183	6,075	7,149
Lowndes	27	19	2,339	8,826	20,877	2,152	8,554	20,860	2,273	8,519	18,207
Madison	26	14	8,977	13,233	18,229	8,259	12,852	18,327	8,947	13,189	18,108
Marion	16	1	1,697	1,803	1,168	1,522	1,698	1,104	1,650	1,787	1,065
Marshall	45	13	20,721	20,459	26,270	21,148	20,880	27,074	20,079	19,247	23,065
Monroe	23	16	4,290	15,106	29,045	4,326	15,946	31,125	4,264	14,840	26,569
Montgomery	14	13	2,188	6,971	10,667	1,939	6,769	10,477	2,162	6,657	9,262
Neshoba	26	14	2,110	4,706	4,991	1,895	4,443	4,854	2,009	4,495	3,658
Newton	19	24	1,838	3,602	2,714	1,737	3,338	2,576	1,813	3,502	2,217
Noxubee	30	9	5,173	8,492	18,806	4,939	8,397	20,021	5,137	8,319	16,835
Oktibbeha	12	10	1,591	3,258	8,556	1,526	3,198	8,640	1,557	3,201	8,016
Panola	46	10	23,986	28,548	34,846	24,475	30,072	35,738	23,861	27,795	31,790
Perry	2	4	(1)	356	1,047	(1)	352	1,024	(1)	335	987
Pike	25	1	4,752	4,562	5,383	4,503	4,294	5,047	4,731	4,500	5,155
Pontotoc	19	6	3,169	13,791	19,444	2,998	14,169	19,953	3,157	13,589	18,343
Prentiss	22	5	8,400	13,103	16,627	8,244	13,619	17,066	8,224	12,822	15,272
Quitman	28	.....	26,362	19,715	20,797	26,657	20,413	21,175	25,658	16,936	18,164
Rankin	19	14	1,971	2,539	2,999	1,870	2,426	2,925	1,948	2,532	2,681
Scott	18	9	1,617	2,021	1,868	1,530	1,949	1,786	1,602	1,951	1,616
Sharkey	31	4	10,396	18,208	17,914	10,826	20,073	19,326	10,318	15,712	16,644
Simpson	19	7	2,565	3,076	4,679	2,262	2,835	4,397	2,556	3,061	4,505
Smith	23	12	1,635	2,592	3,699	1,471	2,470	3,642	1,623	2,559	3,322
Sunflower	73	3	64,995	58,877	78,064	65,593	61,809	81,265	62,932	55,258	70,212
Tallahatchie	54	7	39,610	36,038	50,203	39,380	38,056	52,502	38,783	33,641	41,207
Tate	24	.....	19,956	19,116	23,406	20,850	20,374	24,646	19,745	17,981	20,973
Tippah	18	4	9,457	12,245	12,720	9,258	12,115	12,951	9,182	11,568	11,259
Tishomingo	20	.....	4,918	7,216	10,895	4,820	7,440	11,150	4,824	6,963	9,921
Tunica	39	3	42,941	34,883	37,679	45,140	35,490	39,608	37,343	27,076	28,120
Union	18	5	5,760	13,897	14,973	5,670	14,408	15,557	5,682	13,464	14,053
Walthall	21	1	2,932	3,433	3,454	2,818	3,172	3,309	2,887	3,323	3,221
Warren	17	18	4,952	7,640	9,130	4,497	7,542	8,938	4,630	6,799	7,864
Washington	74	15	45,266	52,647	68,966	47,469	57,315	73,528	43,904	49,399	65,229
Wayne	12	4	486	1,934	3,385	480	1,976	3,400	458	1,853	2,966
Webster	19	11	1,317	6,072	9,283	1,187	5,776	8,966	1,280	5,891	8,444
Wilkinson	13	17	1,724	1,398	1,795	1,551	1,353	1,804	1,584	1,375	1,325
Winston	18	12	1,157	3,480	5,484	1,119	3,500	5,641	1,124	3,256	4,603
Yalobusha	24	17	3,128	11,306	15,842	3,023	11,238	15,674	3,075	10,924	14,489
Yazoo	52	14	14,014	24,709	31,344	13,364	24,013	30,498	13,647	23,512	28,496
All other	4	11	234	516	1,262	223	507	1,243	106	442	1,099

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

TABLE 55.—NUMBER OF GINNERIES IN 1916 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1914 TO 1916, BY COUNTIES—Continued.

COUNTY.	GINNERIES. Active.	GINNERIES. Idle.	TOTAL QUANTITY GINNED. Number of bales (counting round as half bales)—			TOTAL QUANTITY GINNED. Number of equivalent 500-pound bales—			NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	1916		1916	1915	1914	1916	1915	1914	1916	1915	1914
MISSOURI—Continued.											
The state	90	19	60,466	46,644	78,409	62,699	47,999	81,752	54,273	41,474	64,786
Butler	3	.....	1,851	889	1,443	1,985	933	1,532	1,781	758	1,299
Dunklin	30	4	29,904	23,322	35,303	31,034	23,732	36,609	28,067	21,210	29,316
New Madrid	13	2	7,709	5,877	11,521	7,757	6,117	12,012	6,870	5,186	9,416
Oregon	1	3	(1)	(1)	153	(1)	(1)	156	(1)	(1)	44
Ozark	8	4	337	222	523	346	232	523	332	152	411
Pemiscot	22	2	16,730	13,536	23,629	17,496	14,105	24,735	13,484	11,798	19,695
Stoddard	5	1	2,801	2,218	3,956	2,913	2,299	4,214	2,643	1,957	2,948
Taney	5	2	461	172	503	461	172	514	458	127	456
All other	3	1	673	408	1,378	707	409	1,457	638	286	1,201
NORTH CAROLINA. (See map, p. 141.)											
The state	2,380	432	693,672	737,354	970,479	654,603	699,494	930,631	619,079	666,926	766,445
Alamance	8	4	647	602	939	534	497	826	561	421	572
Alexander	7	1	976	1,390	2,214	835	1,235	2,072	771	1,209	1,510
Anson	68	9	15,924	23,617	26,466	15,491	23,126	26,440	14,793	21,946	22,446
Beaufort	26	3	12,621	8,696	13,621	12,424	8,802	13,727	10,729	7,878	9,293
Bertie	54	2	13,004	10,223	13,829	13,194	10,205	13,655	11,186	8,796	9,639
Bladen	25	3	6,477	8,041	11,897	6,169	7,829	11,742	5,932	7,588	9,202
Brunswick	7	6	365	345	943	365	340	955	217	140	438
Cabarrus	42	9	7,907	12,375	13,137	7,382	11,986	13,066	6,805	11,086	11,583
Camden	10	.....	3,925	2,635	4,520	4,074	2,784	4,770	3,659	2,539	3,994
Carteret	9	.....	1,960	1,445	2,188	1,890	1,442	2,168	1,748	1,240	1,418
Catawba	26	7	4,630	6,336	9,958	3,976	5,572	8,761	3,928	5,757	7,717
Chatham	50	6	6,545	6,729	8,437	5,464	5,732	7,344	5,909	5,811	6,810
Chowan	17	3	6,217	3,583	5,712	6,497	3,865	5,969	5,816	3,438	4,783
Cleveland	45	5	14,034	21,471	24,584	12,934	20,187	23,596	11,872	19,892	21,828
Columbus	18	3	5,423	7,788	11,841	5,125	7,737	11,758	5,019	7,554	9,459
Craven	25	5	7,524	5,958	7,642	7,273	5,888	7,741	6,695	5,389	5,112
Cumberland	44	7	15,295	16,192	25,519	14,989	15,729	24,151	14,265	15,360	22,077
Currituck	5	1	1,306	606	1,275	1,279	607	1,191	974	472	1,027
Davidson	11	1	1,196	1,823	1,919	1,056	1,658	1,752	1,047	1,403	1,282
Davie	10	2	1,511	1,652	1,759	1,284	1,480	1,528	1,242	1,210	1,012
Duplin	36	10	10,774	9,970	13,394	10,117	9,408	12,730	9,974	9,307	10,083
Durham	9	1	706	677	1,044	639	609	912	501	492	777
Edgecombe	108	23	28,869	27,174	29,632	26,600	24,891	27,842	25,879	23,155	22,267
Franklin	50	16	13,341	12,418	14,352	12,175	11,122	13,322	11,683	11,159	11,964
Gaston	21	10	5,617	9,652	9,920	4,978	9,046	9,680	4,347	8,168	7,878
Gates	21	2	4,988	3,304	6,363	5,132	3,372	6,546	4,605	3,134	4,796
Granville	12	.....	1,363	1,129	1,411	1,269	1,013	1,278	1,233	1,005	1,128
Greene	28	12	11,005	11,445	13,179	10,985	10,974	12,929	9,915	10,118	7,886
Halifax	119	16	31,020	26,545	32,491	29,227	24,952	31,497	27,076	23,825	26,640
Harnett	39	8	18,297	16,885	24,083	17,108	15,656	22,455	16,793	15,332	21,732
Hertford	21	5	4,608	3,522	6,086	4,703	3,508	6,092	4,004	2,916	4,129
Hoke	24	4	8,380	11,276	16,457	8,092	11,107	15,944	7,752	10,612	14,188
Hyde	4	4	660	406	1,255	660	410	1,258	389	175	934
Iredell	38	10	7,083	10,153	11,921	6,148	9,233	11,156	5,720	8,547	9,109
Johnston	81	15	37,306	37,174	54,930	33,851	33,538	50,085	33,419	33,669	43,748
Jones	26	7	5,702	6,004	8,406	5,794	6,111	8,475	5,267	5,407	5,923
Lee	18	.....	5,346	5,720	7,943	4,591	4,920	6,980	4,823	5,178	6,812
Lenoir	54	2	12,908	11,746	15,754	12,461	11,499	15,067	12,121	10,572	10,750
Lincoln	33	4	3,992	6,219	8,782	3,369	5,569	8,018	3,164	5,282	7,143

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

TABLE 55.—NUMBER OF GINNERIES IN 1916 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1914 TO 1916, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1916		1916	1915	1914	1916	1915	1914	1916	1915	1914
NORTH CAROLINA—Continued.											
Martin	44	9	10,502	8,997	11,868	10,550	9,139	12,008	9,016	7,982	7,824
Mecklenburg	48	17	17,404	26,674	27,027	16,405	26,183	26,881	14,152	23,262	21,351
Montgomery	25	5	3,403	4,465	5,757	3,123	4,211	5,691	3,047	3,915	4,449
Moore	26	7	2,127	2,926	4,129	1,801	2,700	3,961	1,868	2,663	3,438
Nash	52	8	26,168	25,924	30,656	23,619	23,186	27,609	23,228	22,279	22,828
Northampton	61	16	17,323	14,209	18,965	17,619	14,411	19,428	15,327	12,451	15,628
Onslow	20	3	5,571	5,302	6,908	5,397	5,119	6,611	5,260	4,881	4,820
Orange	16	.....	1,272	1,129	1,466	1,029	958	1,280	1,019	830	901
Pamlico	18	2	6,264	5,479	7,736	6,265	5,508	7,851	5,364	5,199	5,833
Pasquotank	7	2	5,966	3,783	7,365	6,196	3,938	7,772	5,548	3,528	5,885
Pender	10	2	1,782	1,767	2,529	1,635	1,670	2,463	1,511	1,575	1,620
Perquimans	21	1	8,637	5,922	8,713	8,585	5,903	8,758	8,087	5,638	7,473
Pitt	58	16	25,068	24,396	29,268	23,892	23,636	28,635	22,692	21,973	16,600
Polk	3	1	1,217	1,243	1,510	1,092	1,140	1,413	966	1,187	1,266
Randolph	12	3	866	826	1,269	778	757	1,182	742	643	777
Richmond	61	8	9,259	13,976	17,867	9,024	13,671	17,706	8,695	13,255	15,515
Robeson	93	9	31,730	47,210	74,141	30,610	45,535	70,316	29,379	45,379	60,139
Rowan	39	9	5,695	7,344	8,790	5,033	6,786	8,410	4,801	6,075	7,370
Rutherford	25	7	6,427	8,958	12,090	5,766	8,215	11,311	5,641	8,433	10,595
Sampson	61	11	21,149	21,695	28,562	20,290	20,367	27,351	18,964	19,450	23,196
Scotland	37	7	17,783	26,480	38,154	16,798	26,162	38,314	16,658	25,349	30,950
Stanly	23	11	6,183	8,293	9,607	5,286	7,336	8,773	5,359	7,249	7,748
Tyrrell	8	2	1,479	977	1,463	1,545	987	1,502	1,280	824	1,012
Union	44	9	22,178	27,345	31,171	19,951	25,775	29,394	20,352	25,069	25,463
Vance	14	.....	4,549	2,997	3,430	4,126	2,790	3,222	4,284	2,875	3,244
Wake	96	13	23,224	22,717	29,367	20,061	19,678	25,855	20,393	20,346	25,047
Warren	47	3	11,356	9,020	10,878	10,513	8,383	10,402	10,509	8,598	9,762
Washington	24	5	3,413	2,775	3,931	3,527	2,851	4,106	3,094	2,566	3,242
Wayne	91	4	31,800	28,720	40,653	30,891	27,341	38,783	28,033	25,412	30,625
Wilson	38	14	23,958	22,373	28,488	22,660	21,062	27,343	21,630	20,483	22,241
All other	9	2	467	506	918	402	457	822	347	375	514
OKLAHOMA. (See map, p. 142.)											
The state	957	137	813,419	622,176	1,232,638	823,523	639,623	1,262,176	782,095	513,251	1,069,018
Adair	3	.....	850	395	1,357	838	389	1,375	799	231	1,189
Atoka	11	2	7,989	5,504	10,619	8,107	5,573	10,761	7,762	4,984	9,667
Beckham	16	5	10,649	9,835	33,389	10,613	9,957	33,471	9,942	6,458	27,374
Blaine	1	6	(1)	(1)	1,102	(1)	(1)	1,079	(1)	(1)	973
Bryan	27	.....	30,779	19,959	23,701	32,492	21,049	24,338	30,203	18,312	21,547
Caddo	26	1	19,856	12,253	33,349	19,713	12,349	33,129	19,306	8,291	27,487
Canadian	2	3	(1)	(1)	1,488	(1)	(1)	1,482	(1)	(1)	1,299
Carter	23	2	17,350	14,322	24,367	18,227	15,207	25,790	17,165	12,492	21,685
Cherokee	8	1	4,503	2,997	7,200	4,426	2,891	7,158	4,447	2,556	7,029
Choctaw	18	3	14,674	7,937	15,877	15,141	8,312	16,407	14,606	7,643	15,302
Cleveland	19	.....	11,342	6,154	19,662	11,535	6,406	20,519	10,793	4,903	18,528
Coal	9	1	8,742	7,260	7,047	8,781	7,373	7,142	8,308	6,379	6,654
Comanche	19	1	15,259	17,887	25,635	15,537	18,817	26,553	14,856	15,939	22,065
Cotton	14	.....	13,177	11,287	23,598	13,306	12,359	25,571	12,908	9,468	20,493
Creek	23	2	19,024	12,496	26,580	18,158	12,234	27,276	18,821	9,505	22,859
Custer	3	4	477	674	3,180	478	672	3,151	443	525	2,720
Garvin	28	1	27,286	23,637	40,197	28,724	24,030	41,720	26,301	20,652	34,948
Grady	19	.....	13,909	6,229	23,717	14,329	6,438	24,134	12,569	4,723	19,986
Greer	21	.....	16,325	26,143	41,097	17,066	27,377	42,075	14,390	19,135	30,842

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

TABLE 55.—NUMBER OF GINNERIES IN 1916 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1914 TO 1916, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1916		1916	1915	1914	1916	1915	1914	1916	1915	1914
OKLAHOMA—Continued.											
Harmon	12	2	14,219	15,793	28,644	14,788	16,456	29,784	12,714	10,233	22,379
Haskell	12	6	11,534	7,610	17,004	11,677	7,917	17,252	11,378	6,826	15,855
Hughes	27	2	27,032	22,092	35,632	26,702	21,883	35,140	26,214	18,179	33,121
Jackson	26	1	34,159	34,153	57,376	35,033	36,298	60,635	31,254	27,045	44,125
Jefferson	23	2	21,800	17,294	31,826	22,227	18,110	33,997	21,267	14,853	25,886
Johnston	20	4	17,198	12,217	20,780	17,434	12,794	20,859	16,752	10,734	17,969
Kingfisher	7	3	1,480	1,115	4,926	1,437	1,103	4,907	1,295	756	4,236
Kiowa	26	1	24,940	32,750	48,127	25,404	34,289	49,956	22,871	26,193	39,333
Latimer	3	.....	2,721	1,221	1,831	2,782	1,234	1,916	2,685	1,145	1,778
Le Flore	34	4	23,119	15,283	23,583	23,502	15,678	24,581	22,859	13,852	22,801
Lincoln	35	5	30,062	19,593	47,183	29,359	19,580	47,531	28,723	15,892	40,425
Logan	16	5	11,884	7,131	20,828	11,292	7,172	21,036	11,097	5,376	17,402
Love	17	1	12,631	10,909	20,535	13,107	11,409	21,346	12,457	9,606	17,299
McClain	17	1	11,766	7,510	20,336	11,644	7,541	20,866	10,677	6,118	18,280
McCurtain	22	1	14,590	6,854	12,152	15,317	6,958	12,626	13,981	6,666	11,650
McIntosh	20	3	22,500	16,811	33,726	22,649	16,902	34,832	22,136	14,287	31,255
Marshall	16	2	15,161	11,491	16,071	15,399	11,349	16,716	14,989	10,317	14,522
Mayes	6	2	1,947	1,075	4,975	1,933	1,078	4,812	1,711	663	4,011
Murray	8	.....	9,553	6,646	10,212	9,870	7,075	10,576	9,441	5,849	8,852
Muskogee	21	3	20,070	9,385	33,051	19,926	9,695	33,510	19,524	7,971	29,089
Noble	2	3	(1)	(1)	1,879	(1)	(1)	1,895	(1)	(1)	1,378
Okfuskee	23	3	21,891	15,644	32,035	22,116	15,947	32,642	21,130	13,018	28,647
Oklahoma	15	4	10,506	6,047	16,030	10,335	6,005	15,956	9,851	4,486	14,338
Okmulgee	10	3	10,471	4,861	12,583	10,400	5,047	13,109	10,206	3,994	11,437
Osage	4	1	2,424	859	5,006	2,488	873	4,999	2,354	613	4,262
Pawnee	10	1	3,584	1,423	8,325	3,440	1,403	8,417	3,262	984	6,738
Payne	11	7	9,374	5,166	16,294	9,098	5,063	16,486	8,757	3,979	14,176
Pittsburg	25	2	25,125	14,312	24,128	25,723	14,366	24,450	24,597	12,450	22,699
Pontotoc	23	5	22,033	19,177	26,025	22,094	19,450	26,275	21,311	16,646	22,596
Pottawatomie	37	2	29,467	19,112	42,348	29,340	19,095	43,212	28,802	16,263	39,266
Pushmataha	11	1	6,744	3,951	5,679	6,704	4,137	5,651	6,629	3,718	5,354
Roger Mills	2	2	(1)	1,176	4,551	(1)	1,188	4,460	(1)	902	4,433
Seminole	20	.....	18,992	14,615	24,415	19,079	14,732	24,361	18,740	12,969	22,634
Sequoyah	25	2	20,196	14,397	27,682	20,666	14,857	27,810	20,056	12,367	25,779
Stephens	24	.....	23,434	20,004	32,225	24,278	20,708	33,443	23,110	16,483	28,017
Tillman	18	.....	25,596	23,405	40,818	25,750	24,271	41,569	23,914	17,823	32,617
Tulsa	9	1	3,814	1,361	8,988	4,030	1,348	9,247	3,757	1,001	7,634
Wagoner	11	.....	7,961	3,754	16,595	7,900	3,783	16,310	7,489	2,692	14,121
Washita	16	6	9,183	9,941	32,076	9,070	10,252	32,884	8,522	7,260	27,936
All other	3	14	2,097	1,159	2,993	2,062	1,147	2,961	1,961	846	2,041
SOUTH CAROLINA. (See map, p. 183.)											
The state	2,832	504	970,702	1,174,213	1,560,195	931,830	1,133,919	1,533,810	893,896	1,098,283	1,328,482
Abbeville [2]	38	7	21,566	31,548	36,050	21,294	31,113	35,863	19,419	28,955	30,474
Aiken	145	14	36,067	37,785	51,272	36,389	36,750	50,652	34,726	35,649	45,045
Anderson	110	18	55,777	60,348	62,088	54,315	58,687	60,804	51,836	56,433	51,961
Bamberg	50	13	22,214	16,843	29,907	21,690	17,183	30,936	21,258	15,233	25,940
Barnwell	118	22	43,285	36,514	65,846	44,625	36,978	67,767	41,103	34,766	56,791
Beaufort	24	3	6,307	4,345	9,251	6,022	4,046	8,848	5,642	3,732	7,763
Berkeley	47	10	5,157	9,625	16,695	4,528	8,937	14,985	4,923	9,230	15,086
Calhoun	76	17	24,040	21,290	33,913	22,011	19,118	31,268	20,405	18,211	28,526
Charleston	83	15	5,558	10,323	17,918	4,422	8,403	16,100	4,404	8,533	14,136
Cherokee	27	5	9,223	15,026	17,655	8,972	14,596	17,599	8,114	13,956	15,004

[1] Included in "All other counties," to avoid disclosure of individual operations.
[2] McCormick County organized from parts of Abbeville, Edgefield, and Greenwood.

TABLE 55.—NUMBER OF GINNERIES IN 1916 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1914 TO 1916, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1916		1916	1915	1914	1916	1915	1914	1916	1915	1914
SOUTH CAROLINA—Continued.											
Chester	73	11	20,420	30,220	35,829	18,901	27,947	34,346	18,954	29,524	31,791
Chesterfield	73	15	19,942	30,083	38,459	18,929	28,813	36,328	17,554	27,015	30,749
Clarendon	46	14	19,343	27,286	50,230	18,542	26,964	50,772	18,396	26,013	45,357
Colleton	33	6	12,973	13,680	24,856	12,612	13,100	24,105	12,457	13,114	21,158
Darlington	61	8	19,743	33,574	48,457	18,633	33,413	49,833	17,341	31,651	40,134
Dillon	79	9	23,601	30,593	40,340	23,025	29,895	39,816	22,170	29,061	35,242
Dorchester	28	11	8,432	11,451	18,895	7,744	10,610	17,871	8,131	11,009	16,851
Edgefield [1]	60	17	24,884	29,497	35,554	23,968	28,341	34,331	24,238	27,869	30,143
Fairfield	81	.....	15,605	23,338	26,012	14,947	22,946	25,970	14,267	22,370	22,116
Florence	58	24	18,777	30,594	48,947	17,898	30,576	48,849	17,572	29,376	42,602
Georgetown	8	2	1,417	2,506	5,432	1,392	2,465	5,469	1,325	2,347	4,684
Greenville	71	17	36,619	44,685	49,932	35,143	43,079	49,433	31,669	40,592	41,140
Greenwood [1]	44	1	29,133	29,005	35,298	29,017	29,034	35,799	27,359	26,674	28,887
Hampton	57	.....	17,042	12,731	22,710	18,242	13,164	23,314	16,396	11,901	20,261
Horry	30	7	5,141	7,972	13,306	4,945	7,830	12,574	4,508	7,517	10,232
Jasper	15	5	5,056	3,212	6,681	5,049	2,994	6,442	4,946	3,103	6,098
Kershaw	91	9	12,500	24,897	32,170	12,613	25,056	30,652	10,658	23,252	28,290
Lancaster	70	4	15,757	22,379	27,553	13,791	21,005	26,666	13,447	20,388	21,807
Laurens	63	32	31,481	39,918	42,405	30,656	38,657	41,294	29,494	37,520	35,366
Lee	45	11	19,394	32,186	45,078	18,727	32,263	46,025	17,402	30,288	38,985
Lexington	84	13	24,556	24,482	30,670	22,056	21,460	28,419	22,890	22,715	25,144
McCormick [1]	23	3	11,717	.....	.....	11,504	.....	.....	11,004	.....	.....
Marion	35	9	11,608	13,762	17,544	10,991	12,881	16,698	11,107	13,315	13,307
Marlboro	109	23	34,990	50,723	69,838	34,430	50,023	70,453	31,861	48,076	56,420
Newberry	81	2	30,897	36,888	36,698	27,783	34,129	35,039	29,031	34,685	30,694
Oconee	31	7	18,474	18,190	21,306	16,922	16,899	20,386	16,233	16,751	17,356
Orangeburg	195	37	59,204	62,804	89,557	56,977	60,005	87,129	56,122	58,729	77,689
Pickens	34	8	16,749	17,885	22,940	15,841	16,490	21,559	14,106	15,591	18,638
Richland	58	13	17,669	19,939	27,148	16,711	18,958	26,616	16,402	19,311	24,330
Saluda	48	19	26,080	25,898	27,051	25,783	24,292	26,234	25,173	24,541	22,631
Spartanburg	92	7	54,908	69,302	75,564	50,800	65,844	73,740	49,262	64,988	64,988
Sumter	73	3	26,161	31,600	54,278	25,784	31,600	55,483	24,621	29,941	48,474
Union	37	14	13,229	18,501	20,564	11,705	17,772	20,313	12,354	17,425	17,526
Williamsburg	54	6	13,035	22,171	36,644	12,553	22,668	37,567	11,940	21,459	32,420
York	74	13	24,971	38,614	41,654	22,948	36,869	39,403	21,676	35,444	36,126
TENNESSEE. (See map, p. 141.)											
The state	543	81	378,064	296,222	372,068	382,422	303,420	383,517	348,329	265,021	319,284
Benton	5	2	1,741	1,741	2,410	1,772	1,785	2,379	1,652	1,610	1,871
Bradley	4	.....	898	822	1,719	833	795	1,640	848	728	1,303
Carroll	23	2	9,589	9,287	10,930	9,349	9,203	11,247	8,874	8,425	9,559
Chester	13	2	5,584	5,489	6,328	5,619	5,768	6,694	5,358	5,235	5,823
Crockett	13	1	13,923	10,327	13,865	13,856	10,447	14,245	13,115	9,588	12,541
Decatur	9	4	1,967	2,347	2,537	1,955	2,279	2,570	1,839	2,185	2,129
Dyer	19	5	25,009	21,172	25,152	24,399	21,197	26,103	23,115	19,321	20,519
Fayette	40	6	26,555	21,338	25,845	27,405	21,871	27,023	24,392	19,016	22,690
Gibson	27	3	32,208	19,828	27,475	32,247	20,006	28,024	28,687	14,390	23,034
Giles	16	12	5,663	5,973	10,617	5,413	5,960	10,606	5,134	5,499	9,657
Hardeman	29	4	16,574	14,603	16,567	16,647	14,863	17,034	15,783	13,425	14,713
Hardin	22	3	6,043	7,298	8,188	6,032	7,406	8,362	5,625	6,908	7,087
Haywood	34	5	24,694	19,052	19,037	25,543	19,307	19,600	22,791	16,726	16,795
Henderson	33	4	11,056	11,095	11,559	10,720	11,463	11,786	10,116	10,160	10,341
Henry	4	2	2,992	1,698	2,127	3,018	1,730	2,187	2,750	1,584	1,543
Lake	14	.....	14,193	13,761	21,518	14,224	13,860	21,686	12,118	12,653	18,590
Lauderdale	30	.....	30,113	19,167	26,361	30,522	20,229	27,516	27,915	17,431	21,989
Lawrence	6	.....	3,224	2,431	3,111	3,039	2,386	2,952	2,982	2,310	2,925

[1] McCormick County organized from parts of Abbeville, Edgefield, and Greenwood.

TABLE 55.—NUMBER OF GINNERIES IN 1916 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1914 TO 1916, BY COUNTIES—Continued.

COUNTY.	GINNERIES. Active.	GINNERIES. Idle.	TOTAL QUANTITY GINNED. Number of bales (counting round as half bales)—			TOTAL QUANTITY GINNED. Number of equivalent 500-pound bales—			NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	1916		1916	1915	1914	1916	1915	1914	1916	1915	1914
TENNESSEE—Continued.											
Lincoln	12	1	4,177	4,217	6,760	4,257	4,380	7,153	3,884	3,989	6,447
McMinn	6	2	1,165	665	2,400	1,089	605	2,276	1,023	562	1,651
McNairy	33	3	9,947	10,627	13,097	10,021	11,078	13,558	9,528	10,166	12,000
Madison	35	2	15,457	13,319	14,776	15,979	13,676	15,107	14,035	11,625	13,497
Obion	7	1	5,548	2,778	6,169	5,600	2,784	6,245	5,367	2,316	5,013
Polk	6	1	1,513	1,302	1,874	1,322	1,191	1,817	1,425	1,228	1,605
Rutherford	6	5	8,391	5,933	11,901	8,263	5,864	12,096	7,212	5,492	9,493
Shelby	44	7	56,564	40,982	43,439	59,041	43,179	46,011	52,523	37,188	38,429
Tipton	36	.....	35,568	23,726	27,568	36,628	24,898	28,831	32,976	20,950	22,135
Wayne	3	.....	769	(1)	910	768	(1)	901	741	(1)	702
Weakley	7	1	4,898	2,689	4,356	4,968	2,748	4,386	4,639	2,392	3,448
All other	7	3	2,041	2,555	3,472	1,893	2,462	3,482	1,882	1,919	1,755
TEXAS. (See map, p. 144.)											
The state	3,970	560	3,562,789	3,068,852	4,390,200	3,725,700	3,227,480	4,592,112	3,482,509	2,868,663	3,874,388
Anderson	44	4	19,815	16,865	18,779	20,214	17,293	18,794	19,548	16,392	16,834
Angelina	17	5	3,583	4,366	6,178	3,331	4,381	6,131	3,454	4,247	5,237
Archer	5	2	4,276	3,223	10,087	4,414	3,460	10,932	4,262	2,996	8,094
Atascosa	19	3	10,850	8,593	14,087	11,076	8,736	14,366	10,767	8,370	13,531
Austin	40	2	27,821	17,959	23,313	30,825	19,198	25,449	27,475	17,741	21,418
Bandera	2	.....	(1)	503	1,669	(1)	534	1,747	(1)	501	1,649
Bastrop	29	5	27,479	23,570	32,152	28,760	24,938	33,913	27,078	23,002	29,471
Baylor	9	2	11,755	13,196	25,642	12,601	14,225	27,724	11,539	10,018	18,428
Bee	11	2	4,295	12,283	13,975	4,286	12,912	14,168	4,252	12,243	13,730
Bell	57	1	67,434	41,986	67,860	72,114	44,436	72,081	66,634	40,759	64,835
Bexar	25	1	26,924	24,801	30,454	28,499	26,284	32,099	26,530	24,305	27,969
Blanco	8	2	3,292	4,127	6,965	3,476	4,437	7,377	3,284	4,126	6,247
Bosque	19	4	19,014	16,326	25,114	20,014	16,587	26,254	18,956	15,994	21,402
Bowie	29	3	26,556	14,095	27,705	27,629	14,839	28,824	26,507	13,948	27,076
Brazoria	12	6	5,249	2,408	4,818	5,372	2,456	5,043	5,065	2,362	4,298
Brazos	29	1	27,312	15,749	21,182	28,683	16,665	22,147	27,062	15,583	20,085
Brooks	2	.....	(1)	(1)	2,375	(1)	(1)	2,255	(1)	(1)	2,260
Brown	16	8	7,926	9,148	23,583	8,149	9,454	24,790	7,926	9,120	20,765
Burleson	33	3	31,443	16,963	24,458	32,418	17,737	25,891	31,117	16,862	23,399
Burnet	15	1	9,239	8,782	15,818	10,026	9,400	16,796	9,226	8,654	13,590
Caldwell	32	.....	49,591	48,406	52,600	52,535	50,830	55,774	49,236	47,168	50,300
Calhoun	7	2	2,970	3,623	5,479	3,085	3,737	5,776	2,937	3,601	5,274
Callahan	13	3	8,223	7,561	19,654	8,708	7,951	20,806	8,211	7,346	14,681
Cameron	8	2	2,708	2,944	4,495	2,786	2,978	4,627	2,706	2,852	4,388
Camp	19	1	8,450	7,826	10,021	8,720	8,006	10,009	8,388	7,743	9,615
Cass	55	.....	24,728	15,947	26,320	25,000	15,982	25,841	24,635	15,683	24,616
Cherokee	40	9	20,487	16,454	19,245	20,626	16,375	18,952	20,367	16,264	17,385
Childress	9	1	13,530	16,360	29,004	13,719	17,090	30,860	12,687	11,656	23,608
Clay	18	4	12,782	9,531	30,435	13,457	10,183	32,365	12,661	8,684	25,367
Coke	7	5	4,897	10,186	15,878	4,968	10,479	16,793	4,859	9,921	12,242
Coleman	24	5	27,006	28,639	56,094	28,648	30,506	59,841	26,905	28,379	45,579
Collin	60	2	81,727	51,436	83,374	85,732	54,102	86,709	80,137	48,258	78,230
Collingsworth	8	.....	10,620	9,557	21,684	11,075	10,042	22,838	9,740	6,484	17,128
Colorado	27	3	21,603	13,695	15,947	23,418	14,692	16,853	21,517	13,583	14,696
Comal	13	1	9,198	13,699	13,268	9,864	14,704	14,316	9,119	13,579	12,862
Comanche	12	16	5,023	6,234	18,871	5,239	6,523	19,886	5,014	6,114	16,079
Concho	13	1	8,727	12,013	20,399	8,898	13,056	21,986	8,700	11,701	16,207
Cooke	24	4	20,755	15,845	29,027	21,241	16,758	30,147	20,385	14,251	25,856
Coryell	34	5	28,694	21,564	37,680	30,961	23,086	39,767	28,609	21,274	33,632
Cottle	12	.....	12,646	13,532	23,897	13,056	14,046	25,837	11,951	8,755	16,298
Crosby	7	.....	11,879	3,425	8,035	11,941	3,405	8,167	10,431	2,506	5,972

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

TABLE 55.—NUMBER OF GINNERIES IN 1916 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1914 TO 1916, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1916		1916	1915	1914	1916	1915	1914	1916	1915	1914
TEXAS—Continued.											
Dallas	49	4	57,666	41,379	64,785	58,935	43,026	66,016	56,853	39,365	60,040
Dawson	3	1	2,733	3,479	6,402	2,831	3,723	6,402	2,427	3,318	3,268
De Witt	29	.....	48,235	41,074	48,668	49,835	42,618	50,440	48,024	40,845	48,071
Delta	24	3	35,475	22,524	24,628	37,414	24,029	25,909	34,666	21,116	24,152
Denton	28	1	38,304	29,038	43,292	39,921	29,706	44,412	38,195	25,962	36,988
Dickens	6	.....	7,337	9,854	14,928	7,561	10,662	16,131	6,290	8,431	8,847
Donley	4	.....	4,035	2,870	7,969	4,091	3,040	8,264	3,682	1,860	6,545
Duval	1	9	(1)	4,742	6,220	(1)	4,764	6,213	(1)	4,671	6,037
Eastland	16	10	6,265	6,936	24,065	6,553	7,161	24,570	6,248	6,472	19,074
Ellis	78	2	118,247	111,304	135,913	124,349	117,337	143,714	112,549	95,031	125,428
Erath	19	15	6,575	9,425	26,668	6,708	9,836	28,316	6,557	9,277	22,397
Falls	47	.....	64,729	45,070	67,590	69,959	47,657	70,767	63,724	43,412	63,895
Fannin	52	9	71,369	47,084	63,776	74,566	49,853	66,608	69,543	42,961	60,200
Fayette	52	3	35,982	28,734	38,286	38,702	30,878	40,667	35,686	28,312	36,266
Fisher	17	.....	18,881	37,445	41,203	19,323	39,182	43,585	18,485	34,648	28,680
Floyd	3	1	4,047	2,193	5,771	4,071	2,229	5,943	3,243	164	4,060
Foard	6	2	7,938	9,900	14,096	8,411	10,793	15,055	7,341	7,280	9,769
Fort Bend	29	4	32,889	12,696	19,275	34,165	13,224	19,923	32,385	12,611	17,834
Franklin	14	.....	8,340	6,447	8,117	8,580	6,722	8,174	8,226	6,327	7,963
Freestone	25	1	20,932	17,634	20,776	21,882	18,650	21,773	20,846	17,470	19,715
Frio	12	.....	7,163	7,462	12,939	7,611	7,790	13,508	7,084	7,281	12,683
Gillespie	18	1	7,118	10,159	17,655	7,390	10,734	18,764	7,041	10,104	16,727
Goliad	13	2	15,437	16,912	18,038	15,810	17,291	18,099	15,354	16,878	17,932
Gonzales	35	.....	43,169	29,971	37,650	44,272	31,107	40,082	43,076	29,732	36,613
Grayson	47	5	55,815	37,246	50,553	57,847	38,304	52,282	54,822	34,306	46,309
Gregg	21	.....	10,285	7,391	10,208	10,287	7,514	9,777	9,912	7,350	9,768
Grimes	33	9	24,533	15,659	21,595	26,059	16,273	22,657	24,197	15,536	19,131
Guadalupe	34	1	45,808	44,442	43,178	48,352	46,941	45,813	44,703	43,757	41,571
Hale	4	.....	1,072	(1)	1,566	1,087	(1)	1,629	820	(1)	1,224
Hall	17	1	20,911	27,433	39,168	21,204	28,964	41,573	17,641	20,410	33,590
Hamilton	17	1	12,569	12,311	23,349	13,881	13,035	24,624	12,558	12,255	20,565
Hardeman	10	1	14,125	19,449	27,516	14,600	21,118	30,025	13,383	13,291	20,111
Harris	14	2	6,346	3,222	5,201	6,489	3,239	5,226	6,174	3,072	4,381
Harrison	36	10	21,285	15,863	19,948	21,766	16,218	20,159	21,232	15,764	19,378
Haskell	21	4	25,289	29,820	51,539	26,164	31,281	54,322	22,194	25,215	33,751
Hays	21	1	23,300	22,499	23,377	24,500	23,822	24,261	23,056	22,038	21,952
Henderson	27	3	18,192	14,630	19,719	18,909	14,691	19,900	17,981	14,460	18,862
Hidalgo	2	3	(1)	(1)	1,218	(1)	(1)	1,151	(1)	(1)	1,108
Hill	67	.....	98,052	78,638	88,833	103,879	83,160	94,127	95,409	69,024	81,001
Hood	10	4	5,225	5,291	12,256	5,448	5,478	12,751	5,207	5,252	9,397
Hopkins	38	1	36,899	27,544	33,427	38,183	28,431	34,918	36,618	27,039	32,551
Houston	38	7	19,129	21,399	25,093	19,848	22,730	26,082	18,978	21,188	22,519
Howard	6	.....	4,647	9,507	12,857	4,646	10,235	13,400	4,204	8,666	8,010
Hunt	59	5	73,179	53,464	69,646	74,641	55,560	72,571	72,026	50,258	67,438
Jack	16	1	4,983	4,452	13,302	5,255	4,587	13,773	4,962	4,281	10,404
Jackson	12	.....	7,742	4,257	5,308	8,123	4,341	5,552	7,672	4,256	5,073
Jasper	11	2	1,045	801	1,597	1,015	785	1,547	954	660	1,110
Jim Wells	3	7	162	4,681	4,785	158	4,679	5,026	162	4,614	4,700
Johnson	34	.....	47,834	33,606	51,114	49,053	35,256	53,240	46,840	31,553	45,476
Jones	26	5	34,545	47,568	65,168	37,751	52,410	69,586	33,623	42,456	42,137
Karnes	25	.....	30,688	32,591	39,002	31,506	33,666	39,821	30,599	32,382	38,498
Kaufman	60	2	63,482	57,254	81,938	67,337	61,150	86,281	61,694	53,112	77,148
Kendall	6	.....	707	1,410	3,260	740	1,504	3,431	702	1,382	3,077
Kent	5	1	4,273	8,563	9,680	4,411	9,385	10,460	4,100	8,121	5,767
Kerr	2	.....	(1)	(1)	1,552	(1)	(1)	1,630	(1)	(1)	1,535

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

TABLE 55.—NUMBER OF GINNERIES IN 1916 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1914 TO 1916, BY COUNTIES—Continued.

COUNTY.	GINNERIES. Active.	GINNERIES. Idle.	TOTAL QUANTITY GINNED. Number of bales (counting round as half bales)— 1916	1915	1914	Number of equivalent 500-pound bales— 1916	1915	1914	NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)— 1916	1915	1914
	1916										
TEXAS—Continued.											
Kimble	2	1	(1)	(1)	1,809	(1)	(1)	1,875	(1)	(1)	1,466
Kleberg	2	1	(1)	(1)	1,132	(1)	(1)	1,139	(1)	(1)	1,113
Knox	16	3	22,357	16,036	37,156	22,983	17,098	39,452	20,985	10,722	27,340
La Salle	1	3	(1)	979	2,372	(1)	999	2,442	(1)	933	2,299
Lamar	58	4	71,078	42,776	56,792	75,016	45,360	59,132	68,751	38,341	55,915
Lampasas	11	2	5,376	5,064	8,847	5,817	5,496	9,394	5,367	5,042	7,789
Lavaca	37	.....	34,186	29,521	33,441	37,030	31,487	35,253	34,023	29,306	32,190
Lee	24	1	14,036	9,973	11,858	15,106	10,595	12,488	13,620	9,347	10,850
Leon	28	4	16,475	14,230	16,572	16,958	14,470	16,893	16,373	14,021	15,615
Liberty	8	5	2,024	1,303	2,368	1,678	1,316	2,395	1,955	1,201	1,924
Limestone	46	2	64,076	54,208	68,665	65,127	56,105	70,794	62,829	50,088	65,018
Live Oak	4	2	345	1,874	1,992	351	1,934	2,029	345	1,870	1,986
Llano	8	2	1,918	1,759	3,479	2,045	1,942	3,641	1,918	1,749	3,085
Lubbock	3	.....	3,496	1,212	(1)	3,564	1,216	(1)	3,217	1,049	(1)
Lynn	4	.....	3,748	4,302	6,701	3,906	4,757	6,835	3,263	3,747	4,370
McCulloch	18	4	15,433	17,283	37,816	16,390	18,534	40,932	15,423	16,838	30,037
McLennan	70	4	108,168	74,143	93,366	116,386	79,403	99,622	106,089	68,890	85,710
Madison	14	.....	10,914	8,797	10,618	11,510	9,334	11,072	10,826	8,727	9,899
Marion	20	.....	5,927	4,236	5,254	6,107	4,373	5,184	5,918	4,180	4,912
Mason	8	.....	3,076	2,728	5,088	3,259	2,948	5,351	3,076	2,726	4,747
Matagorda	9	6	2,888	1,446	3,643	3,027	1,486	3,682	2,870	1,435	3,114
Medina	17	2	9,016	5,492	15,789	9,259	5,751	16,661	8,894	5,321	15,485
Menard	3	2	762	864	3,038	782	887	3,165	760	849	1,738
Milam	56	1	59,808	41,104	61,330	63,735	43,759	64,323	58,760	39,713	59,437
Mills	10	6	4,834	6,328	17,140	5,050	6,772	18,000	4,801	6,244	15,703
Mitchell	12	3	12,247	24,574	33,061	12,367	26,275	34,535	11,830	19,154	23,193
Montague	28	3	19,916	20,845	43,595	21,123	21,837	46,036	18,992	19,349	33,388
Montgomery	14	4	7,155	4,662	8,896	7,331	4,820	8,937	7,138	4,605	7,953
Morris	21	.....	9,885	7,627	10,429	9,711	7,560	10,081	9,813	7,463	10,030
Motley	6	1	5,585	4,122	8,559	5,602	4,310	8,705	5,115	1,916	4,199
Nacogdoches	42	9	12,743	12,578	15,950	12,154	12,558	15,369	12,570	12,442	14,711
Navarro	68	1	86,680	81,273	93,717	92,297	85,922	97,372	83,291	71,544	86,788
Newton	8	8	404	341	597	367	318	559	295	280	389
Nolan	12	.....	10,722	17,296	22,398	11,192	18,161	23,621	10,604	16,179	16,153
Nueces	8	16	942	32,332	26,346	971	33,315	27,500	827	31,812	25,817
Palo Pinto	12	5	5,272	4,718	10,052	5,449	4,960	10,354	5,267	4,635	8,366
Panola	32	6	16,068	16,423	19,409	16,042	16,666	19,762	15,886	16,229	18,518
Parker	25	4	12,413	11,863	24,144	12,579	12,686	24,921	12,291	11,634	19,720
Polk	23	3	7,421	5,914	6,248	7,445	6,017	6,305	7,336	5,819	5,128
Rains	7	2	6,051	4,384	6,723	6,409	4,677	7,071	6,048	4,234	6,549
Red River	43	2	40,936	23,140	40,466	43,417	24,751	42,271	40,533	22,628	39,845
Refugio	6	4	1,274	9,877	9,410	1,265	10,205	9,649	1,232	9,768	9,089
Robertson	44	5	36,234	26,364	40,618	36,857	28,088	42,438	35,910	26,166	39,186
Rockwall	15	1	21,546	16,930	29,171	23,196	17,827	30,350	21,243	16,191	28,496
Runnels	24	5	30,567	40,157	58,184	32,010	43,843	62,687	30,274	37,212	47,067
Rusk	68	7	25,192	23,590	29,881	24,940	23,161	28,929	24,978	23,026	27,281
Sabine	18	3	2,327	2,573	3,798	2,197	2,509	3,622	2,292	2,501	3,490
San Augustine	26	4	6,167	5,900	7,365	5,920	5,896	7,029	6,122	5,873	6,987
San Jacinto	14	.....	5,994	5,229	5,059	6,028	5,359	5,069	5,945	5,179	4,207
San Patricio	7	9	844	19,601	18,524	840	20,299	18,717	799	19,601	18,492
San Saba	15	3	7,428	7,735	14,181	7,863	8,162	15,038	7,423	7,702	12,017
Scurry	11	2	13,132	18,227	29,902	13,505	19,856	30,901	12,557	16,190	20,778
Shackelford	3	2	2,518	(1)	5,809	2,660	(1)	6,191	2,518	(1)	4,332
Shelby	40	14	15,790	17,333	19,502	15,553	16,917	19,034	15,626	17,078	18,513
Smith	72	12	32,123	28,057	33,425	32,226	29,168	33,144	32,001	27,422	30,839
Somervell	4	1	1,649	1,809	3,658	1,622	1,910	3,681	1,642	1,777	2,800

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

TABLE 55.—NUMBER OF GINNERIES IN 1916 AND QUANTITY OF COTTON, EXCLUSIVE OF LINTERS, GINNED FROM THE CROPS OF 1914 TO 1916, BY COUNTIES—Continued.

COUNTY.	GINNERIES.		TOTAL QUANTITY GINNED.						NUMBER OF BALES GINNED TO DEC. 13 (COUNTING ROUND AS HALF BALES)—		
	Active.	Idle.	Number of bales (counting round as half bales)—			Number of equivalent 500-pound bales—					
	1916		1916	1915	1914	1616	1915	1914	1916	1915	1914
TEXAS—Continued.											
Stephens	4	3	1,062	1,531	5,004	1,126	1,660	5,258	1,062	1,472	3,913
Stonewall	10	.....	8,902	13,865	16,472	9,153	15,063	17,800	8,473	12,789	10,988
Tarrant	26	7	28,826	19,255	28,728	29,789	20,095	29,808	28,605	18,344	23,556
Taylor	24	6	26,003	32,933	51,387	27,724	35,680	54,994	25,946	31,745	34,222
Throckmorton	5	.....	2,725	2,752	9,647	2,902	2,972	10,322	2,725	2,623	7,452
Titus	23	.....	12,839	10,353	15,218	13,324	10,635	15,358	12,702	10,158	14,484
Tom Green	5	5	3,769	7,123	10,330	4,015	7,723	11,047	3,705	6,880	8,442
Travis	48	.....	59,963	48,700	58,130	63,697	52,538	61,967	59,042	46,974	55,305
Trinity	12	2	4,289	5,048	5,747	4,348	5,247	5,877	4,152	4,942	5,037
Tyler	14	2	1,558	1,212	2,210	1,520	1,178	2,124	1,502	1,177	1,665
Upshur	46	2	19,516	16,793	20,474	19,805	16,840	20,728	19,162	16,297	19,284
Uvalde	5	4	3,413	1,597	7,320	3,575	1,709	7,777	3,337	1,583	7,301
Van Zandt	50	1	29,083	22,790	31,191	30,514	23,328	31,896	28,840	22,106	28,964
Victoria	19	1	21,780	12,929	12,916	22,987	13,583	13,688	21,573	12,885	12,570
Walker	19	5	10,649	8,009	9,510	11,086	8,203	10,052	10,433	7,882	7,573
Waller	21	2	11,708	5,689	9,873	12,450	5,946	10,203	11,591	5,592	9,303
Ward	3	3	2,566	(1)	3,251	2,710	(1)	3,401	1,653	(1)	1,339
Washington	41	3	34,217	22,814	32,442	37,242	24,356	34,200	33,885	22,620	30,990
Wharton	17	4	28,704	10,730	14,717	30,139	11,204	15,665	28,461	10,629	12,423
Wheeler	2	2	(1)	(1)	5,192	(1)	(1)	4,940	(1)	(1)	3,085
Wichita	9	.....	7,943	5,784	14,320	8,067	6,019	15,291	7,557	4,971	12,161
Wilbarger	16	.....	21,870	25,564	38,029	22,631	27,814	40,919	19,681	17,664	27,286
Williamson	73	6	117,208	78,898	105,714	124,732	84,648	112,791	112,659	74,151	99,964
Wilson	18	1	25,839	24,661	27,920	26,421	25,569	29,383	25,703	24,379	26,608
Wise	26	6	16,329	16,290	28,797	17,155	16,756	29,667	16,256	15,903	22,734
Wood	31	1	23,638	18,962	22,216	24,186	19,383	22,096	23,487	18,515	21,243
Young	15	4	11,948	9,149	27,791	12,627	9,636	29,570	11,912	8,428	21,204
All other	18	33	13,721	25,546	27,027	13,908	26,308	27,797	10,119	21,755	18,179
VIRGINIA.											
The state	123	17	27,975	16,357	25,277	27,127	15,809	25,222	25,333	14,666	20,294
Brunswick	28	.....	3,416	2,719	3,402	3,114	2,520	3,371	3,195	2,472	2,983
Greensville	30	1	3,648	2,424	3,507	3,620	2,338	3,489	3,455	2,258	3,098
Isle of Wight	4	.....	533	204	557	525	186	557	261	95	349
Mecklenburg	12	5	1,755	1,226	1,602	1,611	1,121	1,487	1,591	1,053	1,309
Nansemond	10	.....	4,810	2,158	5,427	4,730	2,079	5,475	4,336	1,931	4,029
Norfolk	4	1	2,183	734	1,414	2,208	743	1,414	1,957	684	1,190
Southampton	20	5	10,006	6,022	7,908	9,788	5,996	7,989	9,191	5,539	6,180
Sussex	11	2	1,247	623	1,088	1,165	580	1,043	1,071	487	916
All other	4	3	377	247	372	366	246	397	276	156	240

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

TABLE 56.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1916.

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

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
ALABAMA.										
The state	22,375	137,478	292,808	379,745	451,507	504,998	531,885	540,661	544,023	552,679
Autauga	552	2,083	3,094	3,473	3,712	3,773	3,781	3,832	3,832	3,837
Barbour	1,724	7,083	10,024	11,023	11,399	11,661	11,713	11,728	11,734	11,864
Bibb	(1)	48	167	377	562	792	801	802	804	827
Blount	.....	790	3,872	6,252	8,173	9,233	9,742	9,885	9,964	10,204
Bullock	623	3,769	6,007	6,354	6,570	6,669	6,684	6,686	6,690	6,713
Butler	152	1,406	2,533	2,938	3,231	3,399	3,455	3,528	3,535	3,543
Calhoun	(1)	1,562	5,801	8,377	10,749	12,499	13,893	14,208	14,334	14,485
Chambers	90	6,003	13,408	16,766	19,271	21,918	23,427	23,953	24,064	24,146
Cherokee	.....	579	3,370	5,916	7,934	9,689	10,656	11,055	11,256	11,549
Chilton	31	1,124	2,629	3,215	3,551	3,706	3,747	3,771	3,772	3,777
Choctaw	69	423	827	1,088	1,235	1,365	1,388	1,420	1,434	1,459
Clarke	124	676	1,382	1,743	2,084	2,368	2,426	2,564	2,586	2,615
Clay	.....	944	4,654	6,486	8,068	9,544	10,319	10,856	11,013	11,234
Cleburne	.....	345	2,124	3,254	4,092	4,934	5,395	5,560	5,615	5,709
Coffee	2,057	5,203	6,990	7,327	7,485	7,568	7,576	7,583	7,585	7,591
Colbert	(1)	1,607	4,420	6,197	8,054	9,641	10,313	10,497	10,558	10,620
Conecuh	84	647	1,379	1,776	1,950	2,177	2,236	2,248	2,270	2,312
Coosa	(1)	298	1,112	1,504	2,222	2,798	3,015	3,106	3,124	3,193
Covington	568	1,796	2,567	2,765	2,899	2,957	3,122	3,130	3,134	3,147
Crenshaw	497	2,839	4,285	4,919	5,138	5,271	5,282	5,310	5,324	5,562
Cullman	.....	1,303	7,503	11,466	14,760	16,958	18,038	18,216	18,296	18,436
Dale	714	3,122	4,652	4,949	5,282	5,442	5,466	5,488	5,498	5,520
Dallas	1,191	4,102	6,374	7,380	7,870	8,032	8,229	8,231	8,231	8,298
Dekalb	.....	275	4,253	7,920	10,960	13,203	14,759	15,465	15,738	16,265
Elmore	530	4,384	6,433	7,593	8,100	8,399	8,452	8,528	8,571	8,702
Escambia	97	631	1,190	1,315	1,385	1,408	1,411	1,476	1,481	1,482
Etowah	(1)	664	3,875	5,935	8,163	9,622	10,497	11,280	11,634	11,974
Fayette	(1)	351	1,285	2,189	2,883	3,203	3,377	3,426	3,441	3,476
Franklin	.....	837	3,269	5,116	6,815	8,328	8,515	8,696	8,707	8,917
Geneva	3,188	6,687	8,267	8,507	8,619	8,776	8,782	8,789	8,789	8,789
Greene	30	351	842	1,199	1,466	1,551	1,575	1,584	1,584	1,585
Hale	57	860	1,542	2,017	2,420	2,557	2,564	2,568	2,568	2,577
Henry	2,063	6,819	9,174	9,631	9,847	9,977	10,004	10,024	10,039	10,048
Houston	3,127	7,851	9,831	10,255	10,316	10,376	10,404	10,419	10,420	10,421
Jackson	.....	463	2,963	5,650	7,918	9,801	10,479	10,955	11,189	11,902
Jefferson	(1)	185	844	1,458	2,300	2,812	2,948	3,034	3,048	3,104
Lamar	(1)	302	1,282	1,919	2,272	2,504	2,616	2,658	2,677	2,719
Lauderdale	(1)	1,578	6,760	10,405	13,690	16,266	17,587	18,043	18,118	18,630
Lawrence	.....	1,801	5,702	8,751	11,108	12,795	13,921	14,147	14,242	14,426
Lee	259	5,579	10,834	13,216	15,042	16,670	17,201	17,286	17,323	17,681
Limestone	.....	1,667	6,777	10,562	13,604	16,189	18,021	18,341	18,604	19,028
Lowndes	48	1,129	2,050	2,640	2,850	3,023	3,077	3,101	3,101	3,137
Macon	722	5,603	7,923	8,496	8,831	8,909	8,919	8,926	8,926	8,927
Madison	.....	2,268	9,908	14,713	19,505	22,728	24,839	25,096	25,166	26,254
Marengo	466	2,585	4,703	5,228	5,811	6,008	6,014	6,049	6,050	6,180
Marion	.....	865	3,040	4,191	5,060	5,578	5,657	5,694	5,709	5,810
Marshall	(1)	955	7,163	11,644	15,161	17,646	19,706	20,166	20,426	20,947
Monroe	83	1,668	2,863	3,305	3,495	4,162	4,205	4,346	4,371	4,473
Montgomery	757	4,271	6,185	6,791	7,045	7,277	7,352	7,363	7,370	7,496
Morgan	.....	1,845	7,445	11,086	14,629	16,789	18,369	18,723	18,942	19,423
Perry	219	1,220	1,909	2,468	2,910	3,329	3,368	3,378	3,388	3,394
Pickens	(1)	114	711	1,131	1,350	1,431	1,457	1,466	1,467	1,475
Pike	895	4,744	7,127	7,817	8,043	8,253	8,321	8,335	8,340	8,345
Randolph	(1)	2,409	7,362	9,738	11,503	13,463	14,585	14,855	14,991	15,146
Russell	714	5,802	8,523	9,495	10,446	11,047	11,260	11,333	11,344	11,351

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

TABLE 56.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1916—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
ALABAMA—Continued.										
St. Clair	21	1,163	3,151	4,284	5,501	6,572	7,063	7,156	7,198	7,248
Shelby	15	722	1,549	1,940	2,713	3,041	3,060	3,127	3,129	3,147
Sumter	16	402	812	1,692	2,027	2,147	2,152	2,155	2,155	2,159
Talladega	47	4,469	11,280	13,956	16,709	18,747	19,748	19,897	19,930	20,000
Tallapoosa	106	3,155	6,616	8,037	9,796	11,266	11,781	11,823	11,856	11,924
Tuscaloosa	53	510	1,207	1,667	1,983	2,345	2,424	2,459	2,468	2,521
Walker	.....	163	1,272	2,303	3,184	3,722	3,877	3,921	3,942	3,992
Wilcox	349	1,746	2,986	3,477	3,894	4,089	4,104	4,113	4,114	4,118
Winston	.....	632	2,707	4,340	5,706	6,332	6,456	6,526	6,533	6,607
All other	37	1	19	114	156	173	274	277	281	298
ARKANSAS.										
The state.	15,650	300,984	673,366	814,290	926,985	999,654	1,044,651	1,060,569	1,068,966	1,102,071
Arkansas	5	924	2,695	3,281	4,033	4,521	4,823	4,874	4,882	4,937
Ashley	29	3,479	7,985	9,646	11,179	11,886	12,151	12,198	12,202	12,250
Bradley	137	2,031	4,184	5,421	5,447	5,622	5,645	5,650	5,653	5,691
Calhoun	104	2,030	4,609	5,427	5,797	6,156	6,182	6,211	6,232	6,271
Chicot	94	2,429	7,174	9,598	11,811	14,047	15,570	16,608	16,756	16,924
Clark	277	5,109	9,723	11,038	11,538	11,796	11,811	11,827	11,828	11,854
Clay	.....	2,233	6,358	8,687	10,267	11,104	11,665	11,690	11,761	11,853
Cleburne	(1)	1,050	2,880	3,550	3,961	4,195	4,303	4,335	4,356	4,379
Cleveland	508	4,438	7,831	9,054	9,573	9,987	10,026	10,051	10,058	10,073
Columbia	695	8,554	16,546	19,662	21,321	22,207	22,303	22,414	22,474	22,607
Conway	416	6,682	13,896	16,423	18,712	19,795	20,466	20,670	20,729	21,104
Craighead	(1)	4,394	10,961	14,479	16,606	17,967	18,935	19,070	19,301	19,746
Crawford	761	5,524	9,610	10,823	11,856	12,191	12,417	12,486	12,533	12,652
Crittenden	148	10,150	28,019	35,642	43,083	48,028	51,999	52,746	53,250	59,192
Cross	17	2,233	6,773	8,715	10,736	11,847	12,622	12,768	12,887	13,218
Dallas	110	1,905	3,848	4,365	4,843	5,041	5,088	5,099	5,099	5,129
Desha	21	3,479	9,536	11,932	14,380	16,222	17,646	18,079	18,481	19,345
Drew	125	3,450	8,195	10,273	11,838	12,824	13,434	13,548	13,556	13,627
Faulkner	472	7,542	15,391	17,975	19,857	20,910	21,485	21,602	21,643	21,792
Franklin	515	3,838	6,831	7,710	8,296	8,564	8,711	8,758	8,773	8,788
Fulton	.....	604	1,701	2,166	2,496	2,696	2,774	2,816	2,849	2,869
Grant	57	1,557	2,935	3,430	3,769	3,895	3,928	3,947	4,000	4,065
Greene	(1)	2,551	6,639	8,615	9,990	11,058	11,638	11,712	11,858	12,070
Hempstead	808	9,421	15,949	17,587	18,433	18,586	18,636	18,670	18,670	18,672
Hot Spring	36	1,538	3,427	3,705	4,105	4,191	4,224	4,241	4,242	4,253
Howard	673	5,946	9,702	10,648	11,234	11,466	11,588	11,601	11,613	11,614
Independence	158	3,674	8,724	10,365	11,699	12,319	12,575	12,781	12,815	13,147
Izard	5	958	2,726	3,516	3,930	4,203	4,297	4,385	4,409	4,415
Jackson	261	9,856	23,707	28,928	31,850	33,344	34,251	34,330	34,363	34,626
Jefferson	341	12,166	30,055	36,827	43,042	48,848	52,981	55,091	56,046	59,149
Johnson	436	4,440	8,083	9,393	10,350	10,686	10,890	10,922	10,950	11,152
Lafayette	406	4,829	8,899	10,273	11,003	11,262	11,365	11,404	11,410	11,416
Lawrence	32	5,467	13,865	17,179	19,393	20,495	20,802	20,960	21,114	21,179
Lee	75	7,338	19,273	24,137	29,402	33,484	36,651	37,276	38,112	40,887
Lincoln	100	4,259	10,284	12,584	15,563	17,402	18,596	18,672	18,989	19,730
Little River	813	5,923	10,692	12,225	13,442	13,964	14,156	14,210	14,217	14,257
Logan	1,152	7,838	13,051	14,578	15,769	16,056	16,351	16,427	16,450	16,525
Lonoke	562	9,628	24,087	29,135	34,737	38,328	40,648	41,414	41,638	42,819
Miller	337	4,740	8,861	10,179	11,013	11,567	11,761	11,816	11,824	11,860
Mississippi	172	11,781	31,909	40,793	47,851	52,574	55,997	56,505	57,506	62,971
Monroe	235	6,328	14,000	16,407	19,292	21,375	22,686	23,003	23,298	24,415
Montgomery	18	1,177	2,758	3,282	3,560	3,707	3,739	3,745	3,747	3,749
Nevada	305	5,431	10,473	11,471	11,748	12,478	12,496	12,496	12,496	13,819
Ouachita	261	3,464	6,579	7,889	8,538	8,879	8,985	9,012	9,023	9,048
Perry	91	2,040	4,233	4,951	5,488	5,765	5,867	5,893	5,907	5,920

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

TABLE 56.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1916—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
ARKANSAS—Continued.										
Phillips	110	10,483	27,028	34,398	40,875	46,991	50,584	54,481	55,224	58,106
Pike	46	1,166	3,143	3,534	3,562	3,812	3,812	3,822	3,824	3,853
Poinsett	113	3,803	10,293	12,649	14,622	15,625	16,562	16,687	16,856	17,349
Polk	3	976	2,736	3,222	3,681	3,978	4,108	4,149	4,160	4,181
Pope	846	8,265	15,211	17,732	19,916	20,729	21,206	21,346	21,414	21,602
Prairie	(1)	2,689	5,767	7,112	8,045	8,821	9,324	9,499	9,518	9,782
Pulaski	258	5,768	15,544	19,228	22,556	24,736	25,962	26,717	27,123	28,385
Randolph	.....	2,299	6,828	8,198	9,165	9,650	9,723	9,872	9,874	9,897
St. Francis	170	8,723	21,292	26,286	31,629	35,422	37,969	38,506	38,837	40,265
Saline	8	978	2,545	3,273	3,640	3,834	3,899	3,922	3,934	3,965
Scott	56	3,069	6,790	7,848	8,443	9,084	9,322	9,407	9,426	9,553
Sebastian	495	4,794	8,187	9,091	9,814	10,068	10,182	10,202	10,208	10,237
Sevier	380	3,623	6,350	6,952	7,406	7,586	7,618	7,645	7,648	7,655
Sharp	7	877	2,013	2,462	2,736	2,819	2,856	2,960	2,965	2,972
Union	407	5,296	10,737	12,909	13,997	14,683	14,867	15,074	15,135	15,244
Van Buren	(1)	1,247	3,375	4,186	4,737	5,129	5,304	5,342	5,360	5,412
White	197	5,668	14,295	17,468	19,594	20,771	21,348	21,538	21,653	21,751
Woodruff	211	8,090	16,905	19,853	22,501	23,814	24,728	24,885	24,982	25,314
Yell	499	8,151	16,382	18,536	21,001	21,760	22,185	22,355	22,550	22,638
All other	76	591	2,288	5,398	6,234	6,804	7,928	8,138	8,275	8,446
FLORIDA.										
The state	2,881	16,368	32,167	38,965	43,749	46,989	49,349	50,254	50,632	50,979
Alachua	307	2,167	5,056	6,341	7,250	7,652	7,839	8,039	8,095	8,144
Baker	.....	197	601	867	1,010	1,145	1,188	1,231	1,345	1,345
Bradford	54	915	2,521	3,155	3,735	3,991	4,114	4,221	4,237	4,256
Columbia	79	722	1,839	2,268	2,761	3,062	3,235	3,388	3,413	3,447
Hamilton	168	1,226	2,529	3,137	3,532	3,765	3,873	3,931	3,940	3,966
Holmes	40	160	191	211	227	229	233	233	233	234
Jackson	813	3,080	3,949	4,110	4,215	4,261	4,336	4,349	4,351	4,366
Jefferson	790	2,414	3,259	3,654	3,854	4,051	4,118	4,120	4,149	4,153
Lafayette	.....	229	493	717	728	755	755	762	807	807
Leon	219	1,175	1,807	2,144	2,370	2,787	3,011	3,026	3,051	3,057
Levy	.....	2	73	86	88	97	104	106	106	107
Madison	240	2,149	4,829	5,922	6,814	7,495	7,954	8,055	8,072	8,125
Suwannee	107	1,496	3,888	5,020	5,542	5,953	6,286	6,485	6,513	6,552
All other	64	436	1,132	1,333	1,623	1,746	2,303	2,308	2,320	2,420
GEORGIA.										
The state	212,787	746,607	1,217,903	1,435,524	1,581,897	1,692,049	1,780,310	1,810,934	1,825,410	1,852,104
Appling	336	1,611	2,760	3,207	3,649	3,978	4,234	4,288	4,341	4,358
Bacon	151	944	1,583	1,897	2,146	2,332	2,489	2,541	2,582	2,599
Baker	1,593	3,786	4,578	4,908	5,002	5,088	5,122	5,126	5,127	5,134
Baldwin	607	3,934	6,528	7,503	8,196	8,974	9,230	9,571	9,679	9,723
Banks	.....	1,254	3,810	5,600	6,668	7,525	7,976	8,115	8,217	8,488
Barrow	4	2,172	6,126	8,792	10,502	11,460	12,478	12,743	12,937	13,310
Bartow	(1)	1,933	5,990	9,077	11,468	13,357	14,857	15,219	15,420	15,868
Ben Hill	3,860	8,249	10,673	11,323	11,743	12,038	12,251	12,321	12,374	12,394
Berrien	3,049	9,040	13,662	15,835	17,376	18,948	20,751	21,153	21,411	21,816
Bibb	961	4,869	7,249	8,240	8,832	9,678	10,038	10,128	10,306	10,633
Bleckley	1,494	5,134	7,061	7,654	8,012	8,174	8,231	8,269	8,274	8,277
Brooks	5,097	11,278	15,191	17,007	18,057	18,952	19,243	19,419	19,583	19,645
Bryan	244	1,197	1,967	2,299	2,476	2,690	2,784	2,825	2,847	2,867
Bulloch	4,919	12,975	18,644	22,392	24,242	25,319	25,730	26,139	26,295	27,290
Burke	8,069	27,437	41,388	45,983	48,614	50,336	52,350	53,208	53,564	53,963

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

TABLE 56.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1916—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
GEORGIA—Continued.										
Butts	19	3,650	7,618	9,129	9,896	10,793	11,639	11,841	11,909	12,011
Calhoun	2,994	7,384	9,329	9,616	9,945	10,007	10,045	10,070	10,073	10,073
Campbell	.....	1,469	4,602	6,661	8,072	8,955	10,114	10,466	10,692	11,022
Candler	1,951	5,320	7,307	7,866	8,330	8,559	8,700	8,746	8,861	8,886
Carroll	4	3,253	11,167	16,384	19,815	22,578	24,982	25,888	26,269	26,928
Chattahoochee	102	1,530	2,587	3,011	3,376	3,740	3,844	3,900	3,915	3,928
Chattooga	.....	299	2,505	4,171	6,002	7,304	8,351	8,557	8,758	9,155
Cherokee	.....	351	2,357	4,106	5,517	6,555	7,014	7,484	8,172	8,851
Clarke	(1)	2,198	5,612	8,235	9,618	10,338	11,182	11,470	11,610	11,837
Clay	921	2,832	3,561	3,719	3,809	3,943	3,967	3,981	3,982	3,986
Clayton	.....	1,218	3,807	5,310	6,376	7,188	8,234	8,504	8,620	8,790
Cobb	(1)	976	4,438	7,432	9,832	11,384	12,923	13,842	14,359	15,237
Coffee	4,039	11,733	17,152	19,763	21,233	22,350	23,216	23,412	23,640	23,897
Colquitt	8,212	15,548	19,960	21,313	22,337	22,927	23,111	23,193	23,205	23,214
Columbia	508	4,402	7,830	9,603	10,507	11,438	12,203	12,450	12,614	12,749
Coweta	12	4,129	10,567	14,513	17,376	19,152	20,950	21,832	22,049	22,826
Crawford	363	2,437	3,937	4,449	4,857	5,263	5,547	5,584	5,593	5,598
Crisp	6,250	13,250	18,353	19,488	20,260	20,537	20,716	20,808	20,941	20,953
Decatur	2,967	6,901	8,778	9,105	9,253	9,308	9,380	9,427	9,433	9,449
Dekalb	.....	572	2,675	4,323	5,810	6,887	7,959	8,371	8,671	8,997
Dodge	6,933	18,175	23,698	26,044	27,242	27,821	28,064	28,111	28,241	28,446
Dooly	8,865	23,533	33,117	35,448	36,543	37,309	37,628	37,851	37,907	38,039
Dougherty	3,707	8,220	10,019	10,794	11,453	12,089	12,279	12,399	12,408	12,862
Douglas	.....	502	2,356	3,750	4,756	5,467	6,295	6,613	6,820	7,210
Early	4,203	9,120	10,619	10,858	10,936	11,011	11,044	11,063	11,063	11,068
Effingham	481	1,982	3,105	3,546	3,771	3,929	4,073	4,202	4,247	4,297
Elbert	66	5,165	10,579	13,802	15,717	17,114	18,249	18,579	18,704	19,079
Emanuel	4,577	14,328	20,938	22,631	24,274	25,006	25,991	26,237	26,327	26,609
Evans	1,152	3,235	5,170	5,881	6,356	6,714	6,938	7,047	7,105	7,258
Fayette	(1)	1,803	4,906	7,097	8,540	9,467	10,238	10,368	10,622	11,056
Floyd	(1)	934	4,572	6,980	9,561	10,970	12,127	12,696	13,052	13,696
Forsyth	.....	82	1,427	2,959	4,444	5,578	6,472	6,742	6,963	7,488
Franklin	5	4,353	11,596	15,657	18,295	20,161	21,378	21,821	22,051	22,750
Fulton	.....	64	383	660	917	1,145	1,267	1,380	1,407	1,463
Glascock	117	1,141	2,104	2,433	2,670	2,965	3,130	3,188	3,209	3,234
Gordon	.....	609	3,122	5,374	7,267	8,979	10,331	10,670	10,928	11,158
Grady	1,944	4,063	5,370	5,665	5,745	5,757	5,819	5,827	5,842	5,856
Greene	49	2,883	6,259	8,285	9,834	10,944	11,964	12,315	12,349	12,517
Gwinnett	.....	1,437	6,027	9,953	12,837	14,975	17,001	17,627	18,062	18,870
Hall	.....	516	2,870	5,283	7,623	9,529	10,526	10,877	11,182	11,848
Hancock	542	6,322	10,587	12,587	13,752	15,101	16,061	16,223	16,234	16,234
Haralson	.....	384	2,279	3,883	5,016	5,856	6,632	6,882	6,953	7,111
Harris	75	4,732	10,245	12,474	13,954	15,762	16,674	16,777	16,782	16,817
Hart	12	3,418	8,758	11,582	13,582	14,961	16,113	16,370	16,499	16,828
Heard	.....	1,227	3,742	5,217	6,442	7,143	8,061	8,224	8,296	8,375
Henry	10	4,076	10,003	13,378	14,949	16,468	18,311	18,766	18,913	19,330
Houston	3,718	11,908	16,388	17,573	18,483	19,221	19,664	19,814	19,844	19,929
Irwin	5,168	12,147	17,275	18,338	18,966	19,940	20,127	20,166	20,213	20,585
Jackson	4	4,213	11,981	17,373	21,150	23,427	25,266	25,812	25,952	27,110
Jasper	113	6,445	14,089	17,048	19,049	20,383	21,486	22,135	22,337	22,641
Jeff Davis	273	1,170	1,570	1,954	2,117	2,260	2,329	2,350	2,378	2,378
Jefferson	4,460	14,772	20,823	22,449	23,613	24,502	25,227	25,500	25,570	25,632
Jenkins	2,978	8,706	12,034	13,520	14,558	14,813	15,044	15,278	15,345	15,556
Johnson	2,589	8,605	12,505	13,358	14,039	14,522	14,673	14,799	14,810	14,825
Jones	267	3,669	6,866	8,274	9,146	9,985	10,750	11,110	11,132	11,157
Laurens	5,137	20,502	29,443	31,924	33,600	34,728	35,328	35,569	35,614	35,760
Lee	2,513	6,880	8,580	9,349	9,699	10,048	10,332	10,336	10,343	10,379
Lincoln	(1)	1,349	3,612	4,495	5,238	5,844	6,158	6,273	6,334	6,478
Lowndes	1,342	5,829	9,771	11,200	12,386	13,593	14,139	14,543	14,834	14,886
McDuffie	278	2,884	5,527	6,678	7,435	8,208	8,655	8,916	8,935	8,988

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

TABLE 56.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1916—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
GEORGIA—Continued.										
Macon	2,673	8,898	12,859	13,696	14,418	14,844	15,098	15,170	15,172	15,187
Madison	12	4,555	11,131	14,945	17,104	18,723	20,008	20,299	20,329	20,724
Marion	563	2,521	3,875	4,080	4,523	4,825	4,978	4,995	4,995	5,046
Meriwether	71	7,105	15,314	18,368	20,683	22,807	24,232	24,418	24,511	24,657
Miller	1,184	2,829	3,384	3,468	3,491	3,501	3,507	3,509	3,509	3,509
Milton	.....	273	1,512	2,552	3,509	4,216	4,885	5,091	5,180	5,389
Mitchell	10,606	20,175	25,106	26,577	27,314	27,684	27,841	27,886	27,902	27,915
Monroe	453	6,509	12,209	14,132	15,668	16,932	18,117	18,558	18,713	18,894
Montgomery	1,775	7,061	10,812	11,662	12,503	13,045	13,380	13,501	13,581	13,623
Morgan	104	6,029	13,629	16,794	19,044	20,371	21,766	22,323	22,516	22,945
Murray	.....	158	1,017	1,620	1,871	2,530	2,652	2,710	2,714	2,774
Muscogee	302	2,501	4,299	4,909	5,494	6,064	6,252	6,378	6,401	6,414
Newton	15	4,027	9,520	12,000	13,468	14,435	15,719	15,926	16,012	16,189
Oconee	(1)	3,343	8,210	10,879	12,418	13,396	14,412	14,696	14,831	15,008
Oglethorpe	13	3,834	9,737	13,893	16,061	17,844	19,662	20,226	20,474	20,924
Paulding	.....	556	2,814	4,466	5,700	6,460	7,496	7,700	7,928	8,481
Pickens	.....	4	150	508	969	1,538	1,798	1,899	1,969	2,037
Pierce	122	1,430	3,533	4,568	5,116	5,666	6,155	6,303	6,405	6,569
Pike	214	7,700	14,874	16,915	18,490	19,623	20,537	20,815	20,893	20,957
Polk	.....	649	3,562	6,146	7,888	9,182	10,289	10,667	10,847	11,111
Pulaski	2,977	8,315	11,878	12,818	13,564	14,044	14,278	14,328	14,340	14,354
Putnam	144	3,623	7,104	8,582	9,516	10,502	11,179	11,597	11,634	11,727
Quitman	90	701	972	1,060	1,114	1,163	1,184	1,186	1,186	1,189
Randolph	3,081	8,144	10,394	10,955	11,395	11,695	11,735	11,773	11,779	11,792
Richmond	912	3,867	5,970	6,755	7,186	7,581	8,023	8,203	8,286	8,393
Rockdale	(1)	975	2,940	4,043	4,733	5,268	5,929	6,217	6,317	6,521
Schley	857	3,196	4,522	4,941	5,257	5,593	5,677	5,684	5,691	5,691
Screven	5,201	14,089	19,779	22,119	23,634	24,797	25,517	25,827	26,038	26,410
Spalding	(1)	4,299	9,624	11,556	12,958	13,840	14,830	15,094	15,268	15,476
Stephens	.....	596	2,194	3,354	4,206	4,994	5,413	5,545	5,617	5,861
Stewart	793	4,081	6,470	7,054	7,703	7,997	8,114	8,172	8,175	8,205
Sumter	7,069	19,849	26,349	28,921	29,979	30,897	31,623	31,867	31,892	31,990
Talbot	130	2,873	6,063	7,186	7,968	8,589	9,207	9,323	9,330	9,349
Taliaferro	19	1,582	3,578	4,687	5,363	5,912	6,566	6,664	6,733	6,757
Tattnall	1,126	3,777	6,894	8,342	9,494	10,018	10,297	10,553	11,027	11,320
Taylor	1,039	4,914	7,108	7,755	7,886	8,734	9,019	9,336	9,413	9,493
Telfair	2,195	6,736	9,602	10,675	11,267	11,645	11,986	12,075	12,078	12,091
Terrell	6,306	17,170	22,046	23,206	24,116	24,445	24,591	24,632	24,642	24,651
Thomas	6,166	12,340	15,558	16,481	16,968	17,177	17,491	17,525	17,544	17,568
Tift	6,413	13,679	17,266	18,395	19,156	19,518	19,578	19,647	19,652	19,669
Toombs	902	4,056	6,781	7,823	8,734	9,412	9,881	10,087	10,172	10,380
Troup	68	4,662	10,282	13,054	15,381	17,243	18,744	19,389	19,469	19,551
Turner	6,180	13,957	18,457	19,675	20,457	20,783	20,923	20,999	21,047	21,061
Twiggs	716	3,960	5,991	6,680	7,240	7,752	7,988	8,043	8,062	8,111
Upson	279	4,565	8,468	9,544	10,437	11,218	12,015	12,266	12,294	12,304
Walker	.....	187	1,665	2,913	4,172	5,155	5,869	5,989	6,099	6,321
Walton	19	5,625	12,902	17,699	20,191	21,789	23,614	24,242	24,582	25,145
Ware	87	500	1,106	1,275	1,429	1,555	1,644	1,698	1,755	1,762
Warren	123	2,430	5,094	6,279	7,042	7,816	8,569	8,797	8,864	8,914
Washington	2,419	11,701	18,207	20,279	21,564	22,817	23,784	24,079	24,140	24,260
Wayne	237	1,826	3,378	4,230	4,727	5,221	5,477	5,620	5,674	5,789
Webster	376	1,721	2,271	2,471	2,633	2,784	2,825	2,826	2,827	2,829
Wheeler	760	2,810	4,265	4,708	5,083	5,303	5,423	5,451	5,458	5,478
Whitfield	.....	193	1,502	2,814	3,753	4,695	5,237	5,364	5,429	5,497
Wilcox	8,753	18,741	25,398	27,754	28,675	28,950	29,064	29,404	29,482	29,562
Wilkes	36	4,620	11,136	14,777	17,195	19,032	20,849	21,875	22,163	22,371
Wilkinson	617	3,689	5,483	6,318	6,830	7,251	7,389	7,514	7,547	7,579
Worth	8,170	18,618	24,932	26,651	27,667	28,438	28,638	28,709	28,719	28,751
All other	116	535	1,660	3,849	4,333	4,990	7,671	7,917	7,973	9,024

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

TABLE 56.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1916—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
LOUISIANA.										
The state	29,762	178,634	319,698	365,316	394,646	418,795	431,664	435,437	436,377	441,121
Acadia	1,701	5,304	7,694	8,333	8,634	8,842	9,018	9,037	9,040	9,040
Avoyelles	3,513	11,777	18,240	18,933	19,268	19,660	19,813	19,813	19,813	19,866
Bienville	841	7,039	12,596	14,140	14,808	15,232	15,282	15,430	15,430	15,481
Bossier	1,487	11,142	20,036	22,466	23,576	25,241	25,313	25,597	25,600	26,002
Caddo	2,725	17,179	29,806	33,712	37,197	40,089	41,507	41,838	41,900	41,974
Caldwell	(1)	202	2,316	2,905	3,259	3,641	3,725	3,736	3,741	3,804
Catahoula	(1)	2,422	4,263	6,166	7,013	7,505	7,725	7,845	7,850	7,945
Claiborne	1,296	9,048	15,596	17,818	19,166	20,044	20,244	20,256	20,263	20,481
Concordia	74	673	1,592	2,416	3,137	3,508	4,032	4,696	4,986	5,853
De Soto	1,213	10,145	17,787	19,762	20,855	21,741	21,927	21,991	22,003	22,211
E. Baton Rouge	814	2,488	3,505	3,724	3,854	3,944	3,974	3,974	3,982	3,982
E. Carroll	65	1,825	3,611	4,102	5,134	5,678	5,959	5,990	5,990	6,006
E. Feliciana	1,031	3,341	4,460	4,814	4,841	4,987	4,989	4,989	4,989	4,996
Evangeline	1,933	6,839	10,465	11,220	11,289	11,316	11,316	11,316	11,316	11,419
Franklin	914	8,752	14,513	17,009	18,289	19,356	19,649	19,882	19,895	19,895
Grant	184	1,474	2,693	3,163	3,423	3,560	3,630	3,633	3,648	3,663
Jackson	213	1,979	3,671	4,363	4,873	5,252	5,407	5,443	5,514	5,597
Lafayette	1,695	6,823	10,611	11,497	12,197	12,862	13,045	13,100	13,102	13,102
La Salle	(1)	235	536	631	681	713	733	742	742	742
Lincoln	536	3,778	7,189	8,259	8,962	9,388	9,453	9,464	9,470	9,480
Madison	(1)	454	1,725	2,577	3,423	4,359	4,740	4,888	4,948	5,179
Morehouse	59	3,792	8,921	10,953	12,765	14,164	14,583	14,834	14,834	14,928
Natchitoches	1,867	9,967	17,060	19,266	20,487	21,336	21,629	21,751	21,762	21,797
Ouachita	395	3,420	7,045	8,537	9,740	10,611	10,936	10,977	11,009	11,436
Pointe Coupee	124	922	3,209	3,625	3,947	4,203	4,389	4,440	4,495	4,519
Rapides	1,169	6,995	11,639	12,762	13,538	14,029	14,299	14,356	14,402	14,408
Red River	663	5,206	9,215	10,670	11,462	12,328	12,385	12,413	12,415	12,431
Richland	530	8,065	14,311	17,372	19,990	21,434	21,766	22,074	22,085	22,144
Sabine	150	2,521	5,123	5,997	6,531	7,033	7,211	7,237	7,250	7,284
St. Landry	3,327	11,868	17,927	19,351	19,555	19,782	19,943	20,014	20,014	20,113
Tensas	(1)	642	3,254	4,574	5,526	6,974	7,390	7,790	7,790	7,755
Union	201	2,175	5,210	6,611	7,321	7,740	7,860	7,910	7,968	8,097
Webster	487	5,224	10,315	12,302	13,162	13,652	13,762	13,776	13,796	13,823
W. Carroll	28	1,197	2,737	3,372	3,739	3,967	3,988	4,001	4,001	4,001
Winn	18	138	2,484	2,671	2,949	3,097	3,116	3,212	3,224	3,264
All other	509	3,583	8,293	9,243	10,055	11,527	16,926	16,992	17,110	18,403
MISSISSIPPI.										
The state	10,260	197,395	448,504	562,810	651,488	723,426	761,682	775,452	780,442	800,190
Alcorn	.....	896	3,692	5,354	6,931	8,189	8,635	8,708	8,756	8,891
Amite	104	1,147	3,561	4,114	4,344	4,455	4,463	4,481	4,489	4,494
Attala	11	234	1,319	1,953	2,302	2,536	2,571	2,621	2,654	2,677
Benton	.....	726	2,893	4,017	4,859	5,798	6,329	6,433	6,463	6,688
Bolivar	2,334	30,119	62,369	73,345	84,188	94,082	100,383	102,302	102,757	105,393
Calhoun	.....	111	841	1,266	1,512	1,679	1,717	1,740	1,747	1,769
Carroll	(1)	1,275	2,992	3,742	4,122	4,266	4,290	4,303	4,308	4,314
Chickasaw	59	1,247	3,102	3,710	4,078	4,160	4,195	4,211	4,211	4,214
Choctaw	(1)	121	524	709	780	841	847	856	858	869
Claiborne	76	1,598	2,730	3,192	3,395	3,572	3,580	3,592	3,592	3,592
Clay	48	789	1,837	2,217	2,306	2,377	2,388	2,388	2,388	2,391
Coahoma	405	17,243	43,990	58,463	69,471	80,645	90,497	94,730	96,396	104,285
Copiah	116	1,295	2,658	3,135	3,278	3,335	3,343	3,350	3,351	3,356
Covington	48	405	952	1,108	1,208	1,281	1,301	1,313	1,313	1,324
De Soto	125	7,258	17,271	21,686	25,299	28,202	30,552	31,214	31,879	32,897
Grenada	8	478	1,715	2,491	2,949	3,026	3,046	3,049	3,059	3,063
Hinds	203	4,640	8,337	10,123	10,983	11,292	11,381	11,399	11,407	11,435
Holmes	292	5,223	10,027	12,331	13,723	14,079	14,115	14,166	14,217	14,218
Issaquena	.....	56	739	1,210	2,174	2,990	3,189	3,244	3,244	3,246
Itawamba	.....	107	716	1,283	1,605	1,731	1,759	1,763	1,770	1,791

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

TABLE 56.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1916—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
MISSISSIPPI—Continued.										
Jasper	6	139	602	969	1,272	1,440	1,503	1,518	1,519	1,530
Jefferson	146	1,490	2,870	3,614	3,997	4,229	4,293	4,316	4,320	4,411
Jefferson Davis	124	1,069	2,034	2,264	2,453	2,613	2,700	2,738	2,778	2,803
Jones	18	227	630	814	922	1,033	1,058	1,089	1,096	1,108
Kemper	9	222	797	1,299	1,486	1,749	1,810	1,829	1,843	1,882
Lafayette	(1)	613	2,037	3,110	3,838	4,194	4,286	4,319	4,321	4,330
Lauderdale	(1)	135	412	804	1,012	1,387	1,441	1,607	1,607	1,626
Lawrence	205	1,682	3,306	3,781	4,025	4,187	4,226	4,233	4,235	4,239
Leake	3	373	1,505	1,940	2,154	2,334	2,374	2,387	2,397	2,415
Lee	(1)	941	2,862	4,250	5,384	5,945	6,016	6,033	6,049	6,075
Leflore	962	14,654	26,163	30,701	34,500	37,875	38,825	40,080	40,145	40,158
Lincoln	322	2,353	4,244	4,790	5,009	5,152	5,183	5,194	5,196	5,203
Lowndes	16	333	1,150	1,841	2,102	2,248	2,273	2,299	2,331	2,339
Madison	55	3,503	6,384	8,100	8,644	8,933	8,947	8,961	8,961	8,977
Marshall	(1)	3,333	10,501	14,031	17,227	19,278	20,079	20,420	20,482	20,721
Monroe	68	1,486	3,052	3,732	4,069	4,192	4,264	4,277	4,278	4,290
Montgomery	4	202	1,068	1,618	1,931	2,114	2,162	2,183	2,183	2,188
Neshoba	.....	204	974	1,445	1,794	1,965	2,009	2,029	2,031	2,110
Newton	(1)	143	926	1,364	1,623	1,787	1,813	1,827	1,828	1,838
Noxubee	98	1,531	3,813	4,715	4,840	5,129	5,137	5,156	5,163	5,173
Oktibbeha	(1)	224	1,023	1,328	1,487	1,545	1,557	1,579	1,581	1,591
Panola	30	6,521	14,764	18,296	21,435	23,499	23,861	23,929	23,973	23,986
Pike	378	2,181	3,823	4,319	4,486	4,690	4,731	4,749	4,752	4,752
Pontotoc	.....	328	1,436	2,307	2,859	3,125	3,157	3,163	3,163	3,169
Prentiss	(1)	1,262	3,882	5,285	6,817	7,924	8,224	8,296	8,318	8,400
Quitman	125	5,638	14,754	18,154	21,302	24,156	25,658	25,850	26,033	26,362
Rankin	(1)	380	1,393	1,787	1,894	1,929	1,948	1,958	1,959	1,971
Sharkey	13	1,559	4,363	6,505	8,974	10,086	10,318	10,318	10,324	10,396
Simpson	80	839	1,990	2,297	2,443	2,511	2,556	2,558	2,558	2,565
Smith	25	456	1,310	1,496	1,591	1,613	1,623	1,630	1,630	1,635
Sunflower	2,304	21,955	42,620	48,844	55,651	60,470	62,932	64,049	64,557	64,995
Tallahatchie	146	11,016	23,175	27,971	32,706	36,787	38,783	39,137	39,297	39,610
Tate	33	5,337	12,137	14,849	17,022	18,933	19,745	19,811	19,895	19,956
Tippah	(1)	1,281	4,119	5,820	7,201	8,683	9,182	9,266	9,327	9,457
Tishomingo	.....	435	2,059	3,036	4,097	4,720	4,824	4,864	4,868	4,918
Tunica	88	6,068	18,854	24,716	29,399	34,074	37,343	38,633	39,130	42,941
Union	(1)	876	2,416	3,646	4,803	5,492	5,682	5,705	5,711	5,760
Walthall	394	1,276	2,405	2,653	2,760	2,857	2,887	2,904	2,923	2,932
Warren	(1)	703	2,481	3,013	3,685	4,431	4,630	4,869	4,905	4,952
Washington	533	13,699	26,842	32,678	37,199	42,411	43,904	44,310	44,355	45,266
Wayne	.....	20	149	247	343	406	458	473	481	486
Webster	.....	84	586	961	1,163	1,223	1,280	1,296	1,296	1,317
Winston	.....	79	552	824	981	1,097	1,124	1,141	1,142	1,157
Yalobusha	.....	294	1,335	2,258	2,697	2,989	3,075	3,103	3,113	3,128
Yazoo	154	4,064	9,739	11,992	13,273	13,568	13,647	13,720	13,746	14,014
All other	92	1,219	2,702	6,897	7,431	7,887	9,573	9,783	9,783	10,151
MISSOURI.										
The state	.....	8,999	29,426	40,025	47,075	51,080	54,273	55,727	57,040	60,466
Butler	.....	339	1,153	1,491	1,649	1,780	1,781	1,848	1,848	1,851
Dunklin	.....	5,331	16,484	21,436	25,031	26,823	28,067	28,652	29,071	29,904
New Madrid	.....	1,014	3,495	5,054	5,854	6,467	6,870	7,044	7,276	7,709
Pemiscot	.....	1,875	6,581	9,460	11,354	12,451	13,484	14,013	14,625	16,730
Stoddard	.....	314	1,290	1,809	2,241	2,459	2,643	2,726	2,760	2,801
All other	.....	126	423	775	946	1,100	1,428	1,444	1,460	1,471

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

TABLE 56.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1916—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
NORTH CAROLINA.										
The state	289	49,136	251,764	381,237	479,243	567,009	619,079	642,816	658,057	693,672
Alexander	.....	.....	42	133	364	648	771	837	866	976
Anson	147	4,277	8,853	10,926	12,375	13,782	14,793	15,221	15,410	15,924
Beaufort	.....	541	4,111	6,628	8,406	10,015	10,729	11,423	11,769	12,621
Bertie	.....	604	4,485	6,379	8,415	10,138	11,186	11,860	12,209	13,004
Bladen	.....	607	2,643	3,840	4,572	5,438	5,932	6,142	6,299	6,477
Cabarrus	.....	285	1,823	3,329	4,680	5,958	6,805	7,261	7,443	7,907
Camden	.....	212	1,621	2,376	2,974	3,353	3,659	3,790	3,827	3,925
Catawba	.....	13	349	1,023	2,001	3,254	3,928	4,183	4,306	4,630
Chatham	.....	69	1,658	3,002	4,075	5,330	5,909	6,013	6,251	6,545
Chowan	.....	488	2,886	3,969	4,861	5,512	5,816	5,997	6,058	6,217
Cleveland	.....	465	2,634	4,965	7,567	10,298	11,872	12,546	12,962	14,034
Columbus	.....	279	1,902	2,896	3,586	4,416	5,019	5,230	5,363	5,423
Craven	.....	158	2,218	3,884	4,928	5,931	6,695	7,053	7,215	7,524
Cumberland	6	2,280	7,922	10,121	11,828	13,403	14,265	14,598	14,949	15,295
Davidson	.....	(1)	111	307	562	876	1,047	1,088	1,093	1,196
Davie	.....	(1)	109	284	673	953	1,242	1,293	1,362	1,511
Duplin	.....	688	4,316	6,653	7,979	9,258	9,974	10,255	10,594	10,774
Durham	.....	.....	79	240	342	448	501	525	563	706
Edgecombe	.....	940	9,442	15,613	20,466	23,979	25,879	26,865	27,441	28,869
Franklin	.....	165	3,753	6,705	9,200	10,991	11,683	12,096	12,466	13,341
Gaston	.....	95	673	1,440	2,432	3,542	4,347	4,717	5,005	5,617
Gates	.....	177	2,044	2,794	3,483	4,225	4,605	4,721	4,799	4,988
Greene	.....	166	3,836	6,056	7,600	8,949	9,915	10,387	10,714	11,005
Halifax	.....	773	9,997	16,393	21,536	25,001	27,076	28,250	28,678	31,020
Harnett	(1)	1,749	8,430	11,240	13,316	15,617	16,793	17,274	17,679	18,297
Hertford	.....	124	1,207	2,093	2,884	3,532	4,004	4,177	4,276	4,608
Hoke	.....	2,465	4,905	5,961	6,637	7,393	7,752	7,870	8,045	8,380
Iredell	.....	53	753	1,806	3,123	4,714	5,720	6,010	6,207	7,083
Johnston	.....	2,535	15,804	21,823	27,110	31,279	33,419	34,437	35,251	37,306
Jones	.....	322	2,252	3,451	4,222	4,882	5,267	5,434	5,563	5,702
Lee	(1)	200	1,605	2,713	3,252	4,292	4,823	5,031	5,148	5,346
Lenoir	.....	917	5,425	8,258	10,108	11,598	12,121	12,359	12,640	12,908
Lincoln	.....	43	380	1,077	1,946	2,716	3,164	3,390	3,533	3,992
Martin	.....	297	2,956	5,035	6,371	7,999	9,016	9,667	9,929	10,502
Mecklinburg	(1)	533	2,782	5,791	8,928	12,252	14,152	14,943	15,371	17,404
Montgomery	(1)	276	979	1,515	1,983	2,604	3,047	3,202	3,253	3,403
Moore	.....	41	466	881	1,284	1,671	1,868	1,968	2,020	2,127
Nash	.....	454	8,509	14,643	18,279	21,275	23,228	23,981	24,565	26,168
Northampton	.....	971	6,247	9,431	12,248	14,003	15,327	15,734	16,056	17,323
Onslow	.....	243	1,923	3,065	3,881	4,859	5,260	5,368	5,447	5,571
Orange	.....	.....	128	353	559	879	1,019	1,073	1,142	1,272
Pamlico	.....	154	2,372	3,819	4,674	5,074	5,364	5,708	5,837	6,264
Pasquotank	.....	134	2,510	3,576	4,392	5,014	5,548	5,691	5,862	5,966
Perquimans	.....	676	3,394	5,584	6,739	7,493	8,087	8,345	8,359	8,637
Pitt	.....	856	9,063	14,380	18,078	21,051	22,692	23,706	24,344	25,068
Richmond	46	2,459	5,258	6,275	7,204	8,120	8,695	8,900	9,063	9,259
Robeson	23	5,455	14,929	20,306	23,999	26,923	29,379	30,250	31,055	31,730
Rowan	.....	58	802	1,856	2,825	4,004	4,801	5,006	5,144	5,605
Rutherford	.....	177	1,428	2,554	3,677	4,893	5,641	5,872	6,085	6,427
Sampson	(1)	2,582	10,424	13,655	15,965	18,050	18,964	20,125	20,352	21,149
Scotland	52	5,591	10,680	12,516	14,025	15,513	16,658	16,939	17,346	17,783
Stanly	(1)	138	1,173	2,241	3,393	4,626	5,359	5,564	5,698	6,183
Union	(1)	1,838	7,155	11,533	15,571	18,784	20,352	20,978	21,361	22,178
Vance	.....	77	1,550	2,678	3,396	3,912	4,284	4,409	4,461	4,549
Wake	.....	1,034	7,946	13,158	15,951	18,855	20,393	20,933	21,064	23,224
Warren	.....	251	4,351	6,991	8,868	9,928	10,509	10,822	10,926	11,356
Washington	.....	79	1,230	1,824	2,255	2,841	3,094	3,243	3,271	3,413
Wayne	(1)	2,208	13,551	19,753	23,319	26,602	28,033	29,098	30,100	31,800
Wilson	.....	748	9,715	14,606	17,577	20,184	21,630	22,426	23,068	23,958
All other	15	116	1,975	4,840	6,299	7,669	9,968	10,532	10,894	12,112

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

TABLE 56.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1916—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
OKLAHOMA.										
The state	7,852	219,157	490,608	593,236	681,873	741,358	782,095	798,761	806,443	813,419
Adair	.....	228	622	744	772	799	799	821	850	850
Atoka	83	2,500	5,123	6,029	6,928	7,552	7,762	7,835	7,864	7,989
Beckham	10	1,798	4,724	6,374	8,004	9,125	9,942	10,389	10,527	10,649
Bryan	867	8,710	21,204	24,293	27,142	28,916	30,203	30,406	30,619	30,779
Caddo	96	5,720	12,809	15,179	17,035	18,465	19,306	19,543	19,738	19,856
Carter	235	5,968	11,657	13,874	15,505	16,756	17,165	17,291	17,330	17,350
Cherokee	(1)	1,704	3,551	4,042	4,313	4,361	4,447	4,462	4,497	4,503
Choctaw	664	7,210	11,995	13,055	13,822	14,304	14,606	14,640	14,655	14,674
Cleveland	15	2,692	6,598	8,304	9,490	10,175	10,793	11,070	11,272	11,342
Coal	70	1,999	4,967	6,251	7,299	8,071	8,308	8,558	8,572	8,742
Comanche	110	3,807	8,156	10,643	12,467	13,807	14,856	15,152	15,152	15,259
Cotton	81	2,648	6,498	8,684	10,515	12,036	12,908	13,104	13,121	13,177
Creek	121	5,000	13,323	15,656	17,407	18,256	18,821	18,958	18,990	19,024
Garvin	338	7,270	16,532	19,446	22,682	24,641	26,301	27,161	27,280	27,286
Grady	32	2,924	6,978	8,890	10,501	11,865	12,569	13,195	13,473	13,909
Greer	(1)	2,169	5,590	8,229	10,717	12,780	14,390	15,371	15,972	16,325
Harmon	20	2,269	5,747	7,798	9,678	11,200	12,714	13,532	14,081	14,219
Haskell	146	3,994	8,764	9,977	10,902	11,237	11,378	11,465	11,482	11,594
Hughes	96	6,118	16,197	19,782	22,951	24,819	26,214	26,741	26,879	27,032
Jackson	50	6,099	14,891	19,933	24,632	28,721	31,254	32,902	33,492	34,159
Jefferson	98	5,710	11,952	14,956	17,816	19,913	21,267	21,737	21,790	21,800
Johnston	217	5,754	11,383	13,496	14,953	16,130	16,752	16,999	17,059	17,198
Kingfisher	(1)	149	632	881	1,048	1,149	1,295	1,332	1,376	1,480
Kiowa	32	4,226	10,417	14,283	17,600	20,395	22,871	24,284	24,691	24,940
Latimer	16	837	1,939	2,209	2,536	2,642	2,685	2,686	2,716	2,721
Le Flore	697	8,772	17,325	19,510	21,492	22,357	22,859	22,989	22,996	23,119
Lincoln	17	6,193	17,221	21,317	24,600	26,911	28,723	29,321	29,735	30,062
Logan	14	2,484	6,487	8,023	9,496	10,332	11,097	11,310	11,539	11,884
Love	85	3,757	8,109	9,768	11,063	11,970	12,457	12,583	12,587	12,636
McClain	41	2,266	5,849	7,437	8,835	9,851	10,677	11,180	11,650	11,761
McCurtain	767	8,053	12,060	12,682	13,742	13,929	13,981	14,020	14,020	14,590
McIntosh	164	7,123	15,512	18,044	19,775	21,289	22,136	22,284	22,335	22,500
Marshall	479	5,749	10,945	12,200	13,625	14,554	14,989	15,081	15,081	15,161
Mayes	.....	513	1,069	1,455	1,591	1,686	1,711	1,790	1,890	1,947
Murray	244	3,579	6,749	7,647	8,519	9,042	9,441	9,531	9,547	9,553
Muskogee	201	6,940	14,596	16,624	18,367	19,026	19,524	19,777	20,007	20,070
Okfuskee	(1)	4,664	12,642	15,556	17,990	19,684	21,130	21,410	21,718	21,891
Oklahoma	(1)	2,406	6,216	7,631	8,733	9,377	9,854	10,164	10,381	10,506
Okmulgee	73	2,997	6,891	8,402	9,372	9,897	10,206	10,299	10,451	10,471
Osage	.....	568	1,513	1,903	2,145	2,243	2,354	2,409	2,423	2,424
Pawnee	.....	464	1,765	2,217	2,594	3,184	3,262	3,376	3,422	3,584
Payne	.....	1,802	5,204	6,403	7,562	8,114	8,757	8,886	9,151	9,374
Pittsburg	109	7,642	16,877	20,226	22,562	23,675	24,597	24,872	25,021	25,125
Pontotoc	199	5,522	12,727	15,720	18,150	20,019	21,311	21,769	21,921	22,033
Pottawatomie	155	7,852	18,426	22,466	25,435	27,327	28,802	29,233	29,319	29,467
Pushmataha	47	2,518	4,974	5,797	6,335	6,576	6,629	6,698	6,731	6,744
Seminole	52	4,250	10,741	12,059	15,187	17,337	18,740	18,769	18,974	18,992
Sequoyah	557	7,859	15,444	17,442	19,055	19,604	20,056	20,100	20,110	20,196
Stephens	425	8,348	15,078	18,102	20,467	22,150	23,110	23,313	23,502	23,434
Tillman	42	3,552	9,900	14,617	18,766	21,885	23,914	24,900	25,303	25,596
Tulsa	.....	605	2,783	3,274	3,549	3,699	3,757	3,781	3,807	3,814
Wagoner	(1)	2,842	6,080	6,887	7,151	7,451	7,489	7,777	7,819	7,961
Washita	8	1,929	4,220	5,650	6,941	7,834	8,522	9,049	9,094	9,183
All other	79	495	896	1,259	1,969	2,240	2,404	2,456	2,530	2,574

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

TABLE 56.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1916—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
SOUTH CAROLINA.										
The state	26,782	259,543	508,635	639,846	740,694	832,060	893,896	922,152	936,673	970,702
Abbeville	53	3,748	9,281	13,235	15,908	18,285	19,419	20,079	20,514	21,566
Aiken	2,200	15,107	25,215	28,656	31,055	33,134	34,726	35,392	35,795	36,067
Anderson	9	10,688	26,235	35,813	43,076	48,510	51,836	52,909	53,400	55,777
Bamberg	3,158	11,212	16,333	18,496	19,484	20,596	21,258	21,677	21,918	22,214
Barnwell	5,090	21,005	32,464	36,078	38,378	40,285	41,103	42,203	42,497	43,285
Beaufort	86	1,605	3,247	4,010	4,620	5,220	5,642	5,943	6,213	6,307
Berkeley	33	1,630	2,702	3,366	3,859	4,628	4,923	5,018	5,103	5,157
Calhoun	1,729	8,842	13,882	16,577	18,281	19,786	20,405	21,262	21,493	24,040
Charleston	(1)	515	1,324	1,730	2,417	3,449	4,404	4,952	5,283	5,558
Cherokee	.....	519	2,258	3,933	5,608	7,519	8,114	8,560	8,813	9,223
Chester	29	3,988	8,780	11,777	14,674	17,151	18,954	19,872	20,026	20,420
Chesterfield	236	5,759	10,677	12,757	14,101	16,521	17,554	18,604	19,168	19,942
Clarendon	1,165	7,092	11,034	13,371	15,292	16,953	18,396	18,987	19,151	19,343
Colleton	478	5,315	9,087	10,731	11,433	12,019	12,457	12,662	12,816	12,973
Darlington	64	4,184	9,018	11,308	13,688	15,569	17,341	18,349	18,792	19,743
Dillon	317	6,411	13,983	16,774	19,060	20,596	22,170	22,653	23,167	23,601
Dorchester	363	3,555	5,777	6,658	7,268	7,926	8,131	8,221	8,234	8,432
Edgefield	852	9,205	16,977	19,691	21,151	22,893	24,238	24,578	24,695	24,884
Fairfield	5	2,513	6,091	8,459	10,615	12,698	14,267	14,878	15,225	15,605
Florence	119	3,994	9,409	11,657	13,573	15,903	17,572	18,019	18,238	18,777
Georgetown	.....	148	384	649	824	1,095	1,325	1,368	1,393	1,417
Greenville	.....	3,488	11,672	18,500	24,563	29,001	31,669	32,956	33,828	36,619
Greenwood	73	6,807	15,341	19,865	23,260	25,459	27,359	27,881	28,136	29,133
Hampton	1,995	9,073	12,836	14,209	15,224	15,913	16,396	16,590	16,689	17,042
Horry	(1)	333	1,519	2,586	3,334	4,147	4,508	4,786	4,869	5,141
Jasper	383	2,323	3,867	4,308	4,583	4,764	4,946	5,005	5,022	5,056
Kershaw	25	2,093	4,699	6,532	8,138	9,406	10,658	11,577	11,728	12,500
Lancaster	(1)	1,378	4,146	7,168	9,686	12,070	13,447	14,332	14,727	15,757
Laurens	57	5,948	15,182	20,507	24,353	27,207	29,494	30,240	30,492	31,481
Lee	364	5,706	9,865	11,889	13,813	15,967	17,402	18,044	18,625	19,394
Lexington	720	8,198	14,968	17,622	19,080	21,368	22,890	23,764	23,973	24,556
McCormick	110	2,651	6,226	7,918	9,084	10,300	11,004	11,238	11,328	11,717
Marion	36	2,603	6,445	8,110	9,355	10,369	11,107	11,241	11,293	11,608
Marlboro	412	10,089	19,322	23,591	26,773	29,653	31,861	32,498	33,328	34,990
Newberry	177	7,897	16,594	21,136	24,302	27,026	29,031	30,360	30,519	30,897
Oconee	(1)	1,909	6,589	9,937	12,635	14,995	16,233	16,772	17,261	18,474
Orangeburg	4,144	23,590	38,997	45,207	49,409	53,336	56,122	57,152	57,961	59,204
Pickens	.....	1,494	5,665	8,656	11,146	13,136	14,106	14,646	15,478	16,749
Richland	567	5,771	9,950	11,793	13,654	15,009	16,402	17,033	17,341	17,669
Saluda	374	8,033	16,908	20,043	21,983	24,100	25,173	25,582	25,719	26,080
Spartanburg	(1)	6,392	20,266	29,875	37,653	44,515	49,262	50,654	51,486	54,908
Sumter	1,246	9,959	15,935	18,663	20,660	22,370	24,621	25,292	25,711	26,161
Union	(1)	1,646	4,695	7,020	8,994	10,917	12,354	12,809	12,923	13,229
Williamsburg	103	2,962	5,705	7,699	9,218	11,076	11,940	12,676	12,874	13,035
York	(1)	2,165	7,085	11,286	15,429	19,220	21,676	22,838	23,428	24,971
TENNESSEE.										
The state	120	55,517	171,968	228,463	276,598	318,466	348,329	357,029	362,789	378,064
Benton	.....	.....	640	898	1,212	1,482	1,652	1,672	1,696	1,741
Carroll	.....	887	4,137	5,552	6,817	7,877	8,874	9,027	9,137	9,589
Chester	(2)	616	2,478	3,602	4,392	5,128	5,358	5,397	5,451	5,584
Crockett	.....	1,733	6,061	8,233	10,256	11,906	13,115	13,378	13,574	13,923
Decatur	.....	(2)	889	1,171	1,520	1,787	1,839	1,843	1,885	1,967
Dyer	.....	3,100	11,395	15,495	19,035	21,004	23,115	23,630	23,876	25,009
Fayette	(2)	4,237	12,682	16,629	19,601	22,679	24,392	25,311	25,803	26,555
Gibson	.....	3,098	13,972	17,742	21,047	25,210	28,687	30,309	30,925	32,208
Giles	.....	131	999	1,930	3,097	4,416	5,134	5,297	5,431	5,663
Hardeman	(2)	2,400	7,645	10,486	12,278	14,559	15,783	15,952	16,032	16,574

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

TABLE 56.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1916—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
TENNESSEE—Continued.										
Hardin	.....	610	2,560	3,675	4,855	5,333	5,625	5,708	5,739	6,043
Haywood	11	3,793	11,488	15,194	18,294	20,578	22,791	23,222	23,522	24,694
Henderson	.....	785	4,293	5,938	7,564	9,203	10,116	10,241	10,530	11,056
Henry	.....	74	1,006	1,509	1,949	2,426	2,750	2,769	2,775	2,992
Lake	.....	2,924	7,018	8,715	10,442	11,478	12,118	12,650	13,147	14,193
Lauderdale	7	5,538	14,848	19,241	22,669	25,582	27,915	28,243	28,864	30,113
Lawrence	.....	(1)	672	1,409	2,186	2,731	2,982	3,040	3,093	3,224
Lincoln	.....	135	996	1,748	2,580	3,371	3,884	3,978	4,044	4,177
McNairy	.....	1,065	4,381	6,175	7,694	8,878	9,528	9,643	9,725	9,947
Madison	(1)	1,813	6,120	9,031	11,072	13,001	14,035	14,484	14,661	15,457
Obion	.....	796	2,592	3,597	3,906	4,883	5,367	5,410	5,435	5,548
Rutherford	.....	481	2,787	3,948	5,214	6,506	7,212	7,590	7,796	8,391
Shelby	61	12,208	30,047	37,152	43,804	48,614	52,523	53,707	54,467	56,564
Tipton	28	8,283	19,055	23,934	27,853	30,741	32,976	33,441	33,934	35,568
Wayne	.....	(1)	340	492	577	639	741	741	754	769
Weakley	.....	621	2,160	2,876	3,680	4,303	4,639	4,697	4,759	4,898
All other	13	189	707	2,091	3,004	4,151	5,178	5,649	5,734	5,617
TEXAS.										
The state	521,467	1,907,183	2,845,705	3,112,859	3,298,186	3,405,182	3,482,509	3,523,905	3,540,757	3,562,789
Anderson	1,083	8,823	15,610	17,372	18,481	19,328	19,548	19,694	19,723	19,815
Angelina	132	1,277	2,653	3,087	3,187	3,386	3,454	3,533	3,539	3,583
Archer	520	2,510	3,669	3,965	4,158	4,249	4,262	4,276	4,276	4,276
Atascosa	3,282	7,846	10,059	10,522	10,682	10,746	10,767	10,805	10,837	10,850
Austin	9,391	19,049	24,084	25,371	26,298	26,978	27,475	27,710	27,727	27,821
Bastrop	9,662	19,570	24,238	25,309	26,211	26,694	27,078	27,263	27,296	27,479
Baylor	859	5,016	8,710	9,986	10,773	11,319	11,539	11,689	11,689	11,755
Bee	489	2,396	3,622	4,010	4,098	4,183	4,252	4,289	4,295	4,295
Bell	10,550	41,331	58,191	62,412	65,095	65,913	66,634	67,091	67,181	67,434
Bexar	12,459	21,709	24,910	25,508	26,026	26,283	26,530	26,708	26,760	26,924
Blanco	470	2,322	3,124	3,220	3,272	3,275	3,284	3,288	3,288	3,292
Bosque	1,745	11,795	17,388	18,372	18,816	18,917	18,956	19,012	19,012	19,014
Bowie	2,149	14,006	22,680	24,571	25,863	26,299	26,507	26,516	26,528	26,556
Brazoria	420	2,093	3,771	4,323	4,681	4,951	5,065	5,189	5,239	5,249
Brazos	6,089	16,637	23,416	24,825	25,918	26,485	27,062	27,278	27,278	27,312
Brown	1,173	5,804	7,601	7,858	7,901	7,922	7,926	7,926	7,926	7,926
Burleson	7,446	19,031	25,950	27,957	29,451	30,487	31,117	31,384	31,408	31,443
Burnet	1,952	7,009	8,908	9,115	9,187	9,210	9,226	9,226	9,231	9,239
Caldwell	21,602	40,731	46,464	47,475	48,286	48,822	49,236	49,433	49,471	49,591
Callahan	225	3,827	6,858	7,585	8,070	8,137	8,211	8,211	8,221	8,223
Camp	361	4,168	6,936	7,606	8,062	8,311	8,388	8,411	8,414	8,450
Cass	1,590	12,856	20,482	22,509	23,677	24,439	24,635	24,688	24,702	24,728
Cherokee	1,306	10,401	16,912	18,739	19,489	20,178	20,367	20,458	20,468	20,487
Childress	83	2,185	6,066	8,482	9,996	11,781	12,687	13,146	13,433	13,530
Clay	651	5,778	9,182	10,599	11,682	12,353	12,661	12,777	12,782	12,782
Coke	721	2,582	3,992	4,372	4,671	4,802	4,859	4,895	4,896	4,897
Coleman	2,560	15,039	23,867	25,598	26,694	26,857	26,905	26,933	26,937	27,006
Collin	4,125	38,725	65,574	71,040	76,078	78,271	80,137	80,936	81,387	81,727
Collingsworth	13	1,589	3,887	5,604	7,271	8,505	9,740	10,306	10,534	10,620
Colorado	9,124	16,121	19,578	20,469	20,956	21,269	21,517	21,558	21,565	21,603
Comal	3,518	7,670	8,809	8,986	9,078	9,106	9,119	9,170	9,198	9,198
Comanche	175	2,815	4,378	4,722	4,920	4,981	5,014	5,022	5,023	5,023
Concho	1,407	5,509	7,829	8,358	8,623	8,677	8,700	8,712	8,720	8,727
Cooke	319	6,965	14,153	16,400	18,459	19,645	20,385	20,629	20,700	20,755
Coryell	2,315	17,281	25,634	27,225	28,267	28,469	28,609	28,667	28,677	28,694

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

TABLE 56.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1916—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
TEXAS—Continued.										
Cottle	235	2,725	5,949	7,964	9,793	11,006	11,951	12,448	12,584	12,646
Dallas	3,090	27,244	46,671	51,481	54,454	55,659	56,853	57,446	57,558	57,666
Delta	3,728	16,848	28,573	31,272	33,208	33,916	34,666	35,027	35,170	35,475
Denton	1,775	17,801	30,659	33,604	36,108	37,150	38,195	38,253	38,297	38,304
De Witt	17,711	36,228	44,041	46,253	47,390	47,737	48,024	48,145	48,208	48,235
Dickens	19	942	2,584	3,564	4,507	5,433	6,290	7,058	7,246	7,337
Donley	(1)	476	1,414	2,052	2,628	3,161	3,682	3,946	4,014	4,035
Eastland	390	3,763	5,561	5,865	6,093	6,190	6,248	6,264	6,264	6,265
Ellis	11,383	54,906	89,845	99,226	106,264	109,366	112,549	115,236	116,770	118,247
Erath	163	3,181	5,496	6,078	6,382	6,511	6,557	6,570	6,571	6,575
Falls	13,680	42,260	56,546	59,442	61,670	62,659	63,724	64,286	64,472	64,729
Fannin	5,326	34,939	57,176	61,538	66,113	68,223	69,543	70,318	70,717	71,369
Fayette	16,941	28,943	32,794	33,864	34,464	35,316	35,686	35,861	35,890	35,982
Fisher	781	6,943	12,417	14,725	16,619	17,842	18,485	18,725	18,829	18,881
Foard	36	1,366	3,131	4,419	5,562	6,616	7,341	7,697	7,856	7,938
Fort Bend	6,610	17,093	25,743	28,923	30,451	31,567	32,385	32,705	32,757	32,889
Franklin	315	3,935	6,358	6,973	7,738	8,125	8,226	8,254	8,265	8,340
Freestone	3,667	12,404	17,951	19,138	20,080	20,477	20,846	20,909	20,925	20,932
Frio	2,325	5,386	6,692	6,875	6,963	7,065	7,084	7,106	7,154	7,163
Gillespie	502	4,422	6,448	6,805	6,959	7,021	7,041	7,060	7,060	7,118
Goliad	4,576	11,270	14,387	14,960	15,190	15,298	15,354	15,418	15,426	15,437
Gonzales	20,256	35,698	39,753	42,334	42,674	42,901	43,076	43,106	43,122	43,169
Grayson	2,687	25,216	43,656	47,988	51,695	53,593	54,822	55,326	55,469	55,815
Gregg	455	5,047	8,019	8,882	9,222	9,638	9,912	9,935	9,951	10,285
Grimes	6,180	15,996	21,528	22,730	23,512	23,818	24,197	24,454	24,475	24,533
Guadalupe	19,656	31,282	42,123	42,788	44,350	44,428	44,703	44,703	45,145	45,808
Hall	29	1,632	4,668	8,152	11,017	14,516	17,641	19,871	20,601	20,911
Hamilton	560	7,447	11,443	12,237	12,483	12,530	12,558	12,566	12,568	12,569
Hardeman	52	2,729	6,112	8,330	10,436	12,276	13,383	13,877	14,028	14,125
Harris	842	2,934	4,704	5,405	5,802	6,041	6,174	6,310	6,330	6,346
Harrison	964	9,974	16,890	18,985	20,360	21,051	21,232	21,268	21,273	21,285
Haskell	185	4,566	10,182	14,121	17,115	20,763	22,194	23,776	24,140	25,289
Hays	5,509	15,953	21,169	22,081	22,593	22,857	23,056	23,205	23,233	23,300
Henderson	1,895	9,993	15,536	16,753	17,498	17,962	17,981	18,157	18,182	18,192
Hill	8,062	46,698	77,826	85,691	91,128	93,362	95,409	96,835	97,346	98,052
Hood	424	3,101	4,550	4,813	5,080	5,168	5,207	5,221	5,221	5,225
Hopkins	3,606	20,239	32,440	34,443	35,859	36,433	36,618	36,682	36,705	36,899
Houston	1,311	8,637	14,983	16,745	17,980	18,639	18,978	19,066	19,099	19,129
Howard	6	410	1,502	2,118	3,035	3,618	4,204	4,495	4,597	4,647
Hunt	7,440	38,764	61,357	65,779	69,209	70,553	72,026	72,530	72,784	73,179
Jack	542	3,339	4,641	4,824	4,930	4,957	4,962	4,964	4,965	4,983
Jackson	1,367	4,663	6,828	7,299	7,535	7,655	7,672	7,739	7,739	7,742
Jim Wells	(1)	83	122	142	159	159	162	162	162	162
Johnson	3,392	24,423	38,788	42,349	44,817	45,897	46,840	47,535	47,701	47,834
Jones	340	11,412	22,559	27,544	30,999	32,963	33,623	34,040	34,106	34,545
Karnes	8,729	21,714	28,596	29,827	30,381	30,527	30,599	30,632	30,674	30,688
Kaufman	6,354	31,619	49,443	55,268	58,215	60,373	61,694	62,545	62,940	63,482
Kendall	44	368	584	631	666	700	702	702	707	707
Kent	(1)	791	1,669	2,354	3,105	3,629	4,100	4,253	4,273	4,273
Knox	463	4,582	11,154	14,733	17,629	19,894	20,985	21,823	22,121	22,357
Lamar	7,440	35,208	55,352	60,285	64,750	66,860	68,751	69,255	69,657	71,078
Lampasas	651	3,697	5,173	5,304	5,353	5,358	5,367	5,369	5,376	5,376
Lavaca	18,431	28,491	31,654	32,739	33,303	33,754	34,023	34,124	34,152	34,186
Lee	3,639	9,063	11,531	12,385	12,739	13,259	13,620	13,739	13,902	14,036
Leon	1,343	7,330	12,603	14,120	15,271	16,146	16,373	16,436	16,443	16,475
Limestone	10,420	39,898	56,875	60,073	61,332	62,221	62,829	63,387	63,614	64,076
Live Oak	(1)	150	280	309	330	345	345	345	345	345
Llano	286	1,124	1,823	1,894	1,913	1,913	1,918	1,918	1,918	1,918
McCulloch	2,004	9,245	14,079	15,137	15,351	15,414	15,423	15,433	15,433	15,433
McLennan	13,648	62,091	90,428	97,240	101,868	104,139	106,089	107,293	107,644	108,168

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

TABLE 56.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1916—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
TEXAS—Continued.										
Madison	1,329	5,839	9,001	9,842	10,393	10,703	10,826	10,901	10,908	10,914
Marion	342	3,003	4,883	5,401	5,745	5,897	5,918	5,920	5,923	5,927
Mason	282	2,094	2,963	3,048	3,061	3,070	3,076	3,076	3,076	3,076
Matagorda	123	1,223	2,271	2,589	2,747	2,843	2,870	2,874	2,874	2,888
Medina	3,531	6,602	8,205	8,508	8,680	8,808	8,894	8,968	8,982	9,016
Milam	17,124	41,132	52,431	55,305	56,867	57,823	58,760	59,460	59,630	59,808
Mills	259	2,720	4,400	4,670	4,758	4,792	4,801	4,820	4,820	4,834
Mitchell	257	4,014	7,509	9,138	10,467	11,212	11,830	12,168	12,210	12,247
Montague	213	7,474	14,585	16,378	17,921	18,868	18,992	19,360	19,645	19,916
Montgomery	1,164	3,988	6,117	6,595	6,884	7,047	7,138	7,148	7,153	7,155
Morris	644	5,258	8,252	8,909	9,441	9,697	9,813	9,860	9,865	9,885
Nacogdoches	603	5,701	9,619	11,001	11,859	12,325	12,570	12,635	12,654	12,743
Navarro	20,340	54,467	72,793	77,089	79,639	81,453	83,291	84,863	85,688	86,680
Nolan	352	4,059	7,214	8,557	9,576	10,141	10,604	10,711	10,722	10,722
Nueces	443	694	782	802	821	827	827	827	863	942
Palo Pinto	606	3,403	4,831	5,074	5,213	5,243	5,267	5,269	5,270	5,272
Panola	469	7,177	12,418	13,948	15,061	15,682	15,886	15,978	16,014	16,068
Parker	1,229	7,522	10,764	11,290	12,081	12,220	12,291	12,373	12,408	12,413
Polk	413	3,024	5,652	6,416	6,877	7,132	7,336	7,389	7,400	7,421
Rains	547	3,028	5,503	5,795	5,979	6,018	6,048	6,050	6,050	6,051
Red River	3,697	20,975	34,095	37,085	39,399	39,948	40,533	40,614	40,634	40,936
Robertson	6,205	20,653	30,020	32,529	34,267	35,004	35,910	36,121	36,154	36,234
Rockwall	1,497	11,165	17,644	18,984	20,288	20,709	21,243	21,370	21,419	21,546
Runnels	2,242	13,805	22,601	25,923	28,785	29,805	30,274	30,425	30,478	30,567
Rusk	992	11,852	19,497	21,992	23,676	24,600	24,978	25,074	25,107	25,192
Sabine	14	679	1,557	1,920	2,089	2,260	2,292	2,318	2,321	2,327
San Augustine	195	2,255	4,432	5,227	5,743	6,061	6,122	6,151	6,151	6,167
San Jacinto	164	1,780	3,763	4,676	5,242	5,745	5,945	5,981	5,984	5,994
San Patricio	216	537	646	691	784	799	799	799	844	844
San Saba	626	4,706	6,877	7,197	7,342	7,405	7,423	7,428	7,428	7,428
Scurry	25	2,376	6,373	8,519	10,220	11,803	12,557	13,045	13,092	13,132
Shackelford	204	1,597	2,333	2,474	2,505	2,518	2,518	2,518	2,518	2,518
Shelby	674	6,482	11,840	13,483	14,734	15,292	15,626	15,698	15,708	15,790
Smith	1,999	16,491	26,275	28,657	30,748	31,615	32,001	32,085	32,102	32,123
Somervell	45	778	1,335	1,459	1,574	1,605	1,642	1,646	1,647	1,649
Stephens	26	757	1,045	1,059	1,062	1,062	1,062	1,062	1,062	1,062
Stonewall	55	1,390	3,673	5,243	6,709	7,801	8,473	8,780	8,886	8,902
Tarrant	1,045	13,543	23,510	26,133	27,484	28,144	28,605	28,736	28,775	28,826
Taylor	953	12,304	21,327	23,868	25,420	25,754	25,946	25,979	25,981	26,003
Throckmorton	(1)	1,583	2,538	2,658	2,714	2,722	2,725	2,725	2,725	2,725
Titus	522	6,705	10,579	11,529	12,132	12,541	12,702	12,780	12,823	12,839
Tom Green	190	1,314	2,534	2,849	3,237	3,569	3,705	3,751	3,760	3,769
Travis	13,270	35,586	51,067	55,303	57,454	58,252	59,042	59,594	59,806	59,963
Trinity	192	1,521	3,094	3,591	3,830	4,070	4,152	4,236	4,243	4,289
Upshur	854	9,100	14,445	16,550	17,533	18,519	19,162	19,414	19,503	19,516
Van Zandt	1,505	14,774	24,573	26,349	27,439	28,564	28,840	28,942	28,954	29,083
Victoria	4,791	14,505	19,395	20,464	21,023	21,336	21,573	21,702	21,750	21,780
Walker	1,032	4,723	7,879	9,101	9,532	10,294	10,433	10,558	10,560	10,649
Waller	2,202	6,747	9,439	10,310	10,885	11,381	11,591	11,698	11,706	11,708
Washington	12,305	24,569	29,680	31,336	32,043	33,450	33,885	34,141	34,167	34,217
Wharton	5,580	15,913	23,704	25,877	27,191	27,931	28,461	28,591	28,653	28,704
Wichita	128	1,730	3,663	4,887	5,979	6,928	7,557	7,854	7,929	7,943
Wilbarger	106	3,269	8,509	12,244	15,255	18,164	19,681	20,324	21,343	21,870
Williamson	19,494	65,547	90,950	99,817	106,289	109,705	112,659	115,102	115,992	117,268
Wilson	8,520	18,617	23,508	24,881	25,413	25,584	25,703	25,760	25,796	25,839
Wise	968	9,319	13,907	14,890	15,867	16,148	16,256	16,309	16,324	16,329
Wood	1,097	12,188	19,829	21,599	22,608	23,121	23,487	23,538	23,571	23,638
Young	2,141	7,833	10,816	11,345	11,799	11,824	11,912	11,941	11,947	11,948
All other	3,041	13,345	24,406	36,400	43,115	47,472	55,966	59,827	62,224	65,005

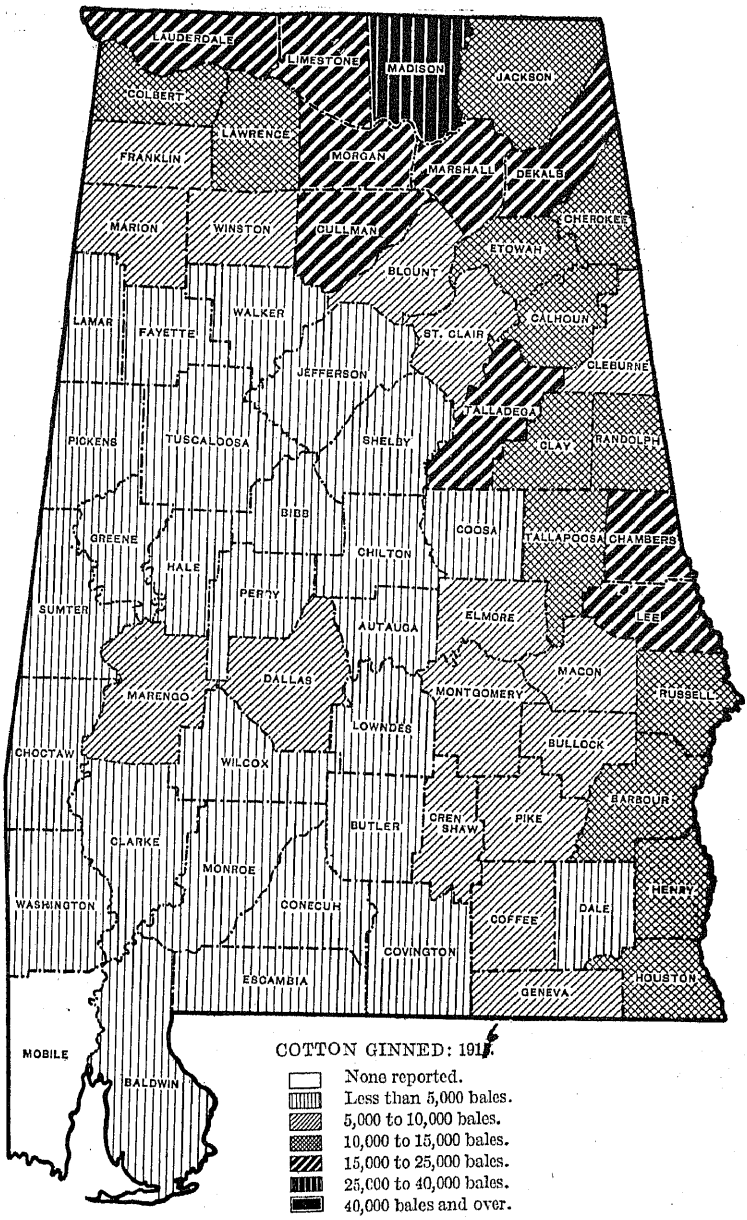
[1] Included in "All other counties," to avoid disclosure of individual operations.

TABLE 56.—COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, BY COUNTIES: CROP OF 1916—Continued.

COUNTY.	COTTON GINNED TO—									Total ginned.
	Sept. 1.	Sept. 25.	Oct. 18.	Nov. 1.	Nov. 14.	Dec. 1.	Dec. 13.	Jan. 1.	Jan. 16.	
VIRGINIA.										
The state	.....	1,106	10,123	15,311	19,973	23,221	25,333	26,192	26,601	27,975
Brunswick	.....	252	1,724	2,228	2,744	3,034	3,195	3,275	3,301	3,416
Greensville	.....	69	1,420	2,182	2,849	3,269	3,455	3,497	3,509	3,648
Nansemond	.....	133	1,591	2,524	3,413	4,092	4,336	4,554	4,583	4,810
Norfolk	.....	.....	456	948	1,325	1,724	1,957	2,028	2,060	2,183
Southampton	.....	637	4,261	5,486	7,471	8,508	9,191	9,534	9,711	10,006
All other	.....	15	671	1,943	2,171	2,594	3,199	3,304	3,437	3,912

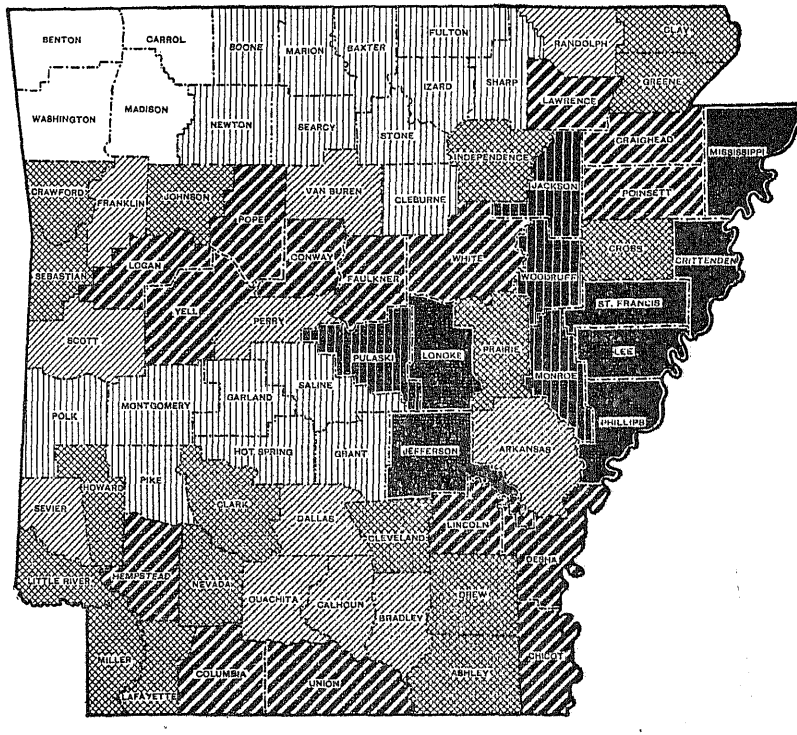
ALABAMA.

[See table on p. 107.]



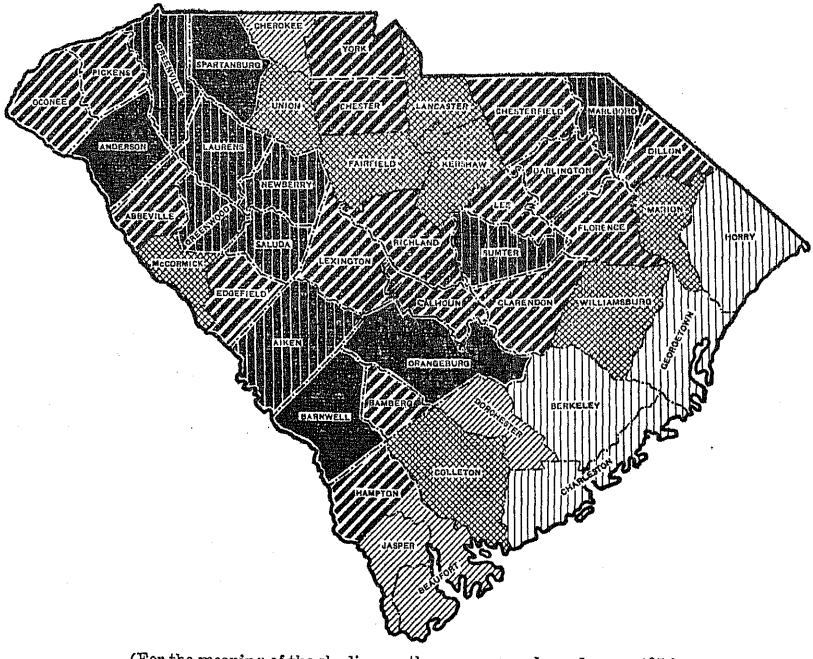
ARKANSAS.

[See table on p. 108.]



SOUTH CAROLINA.

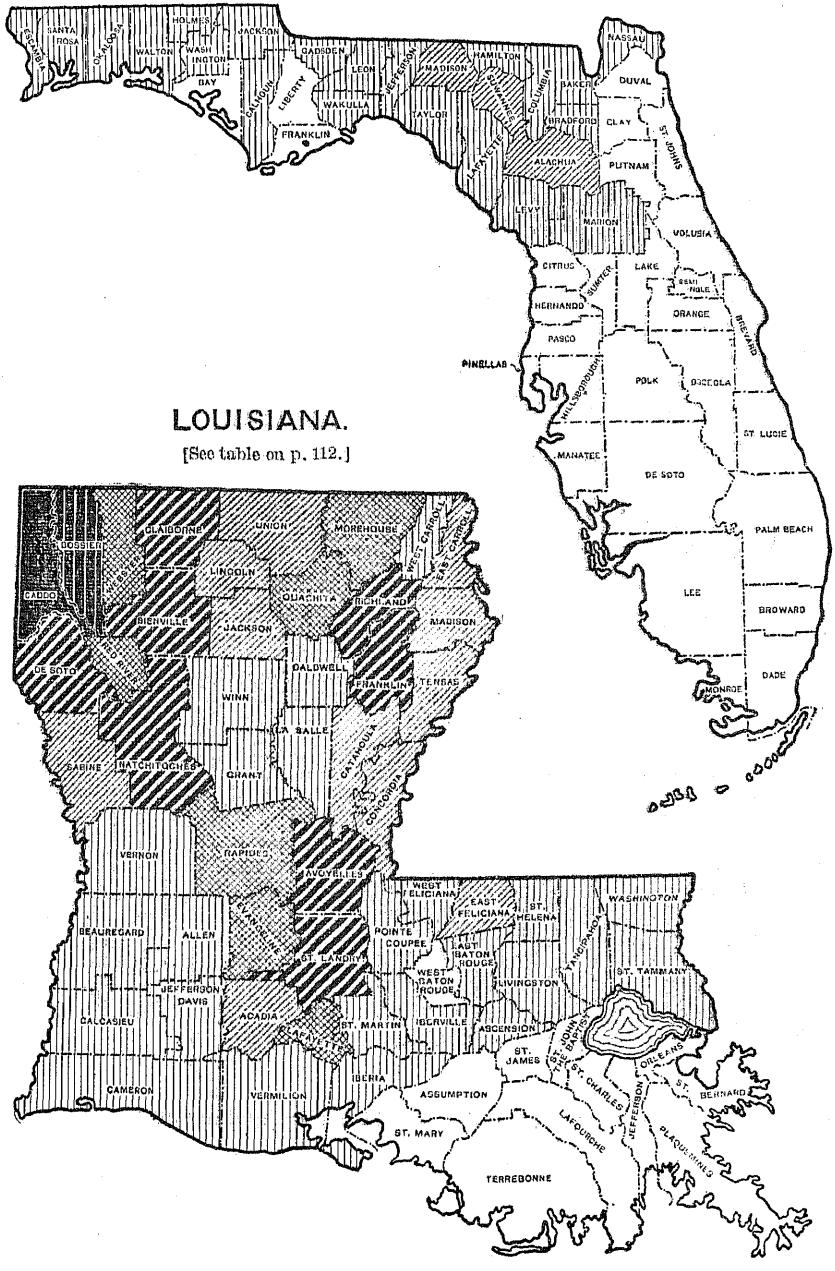
[See table on p. 117.]



(For the meaning of the shading on these maps, see legend on p. 137.)

FLORIDA.

[See table on p. 109.]



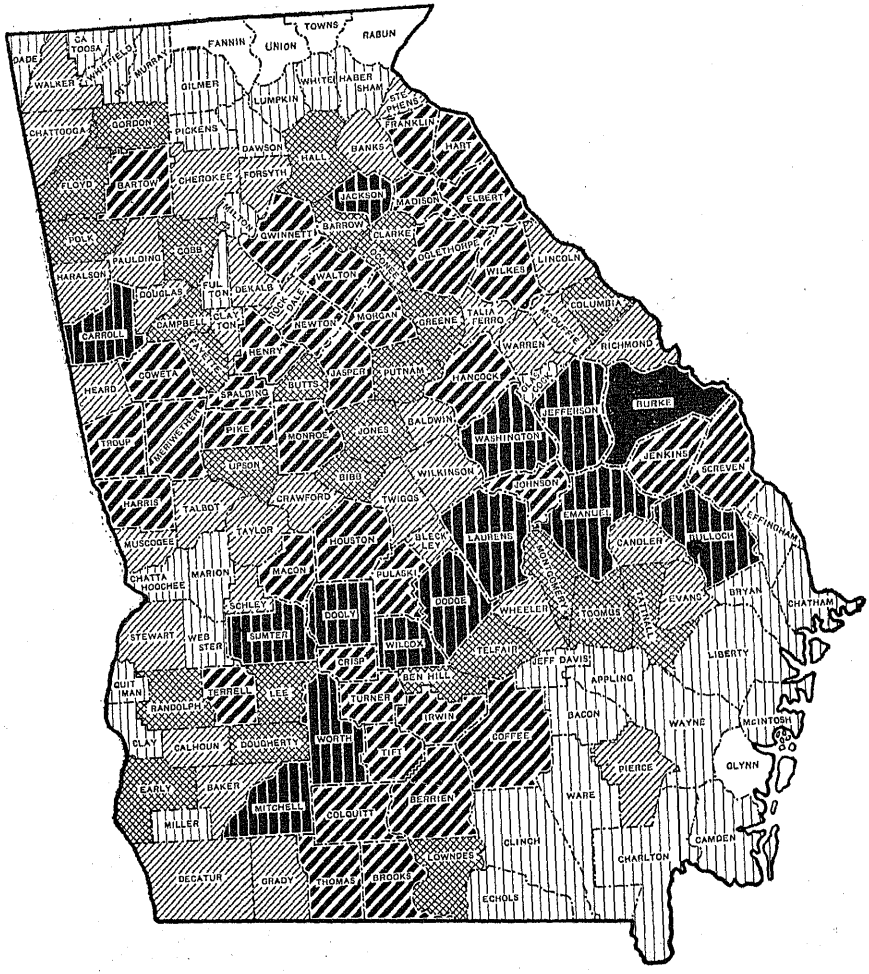
LOUISIANA.

[See table on p. 112.]

(For the meaning of the shading on these maps, see legend on p. 137.)

GEORGIA.

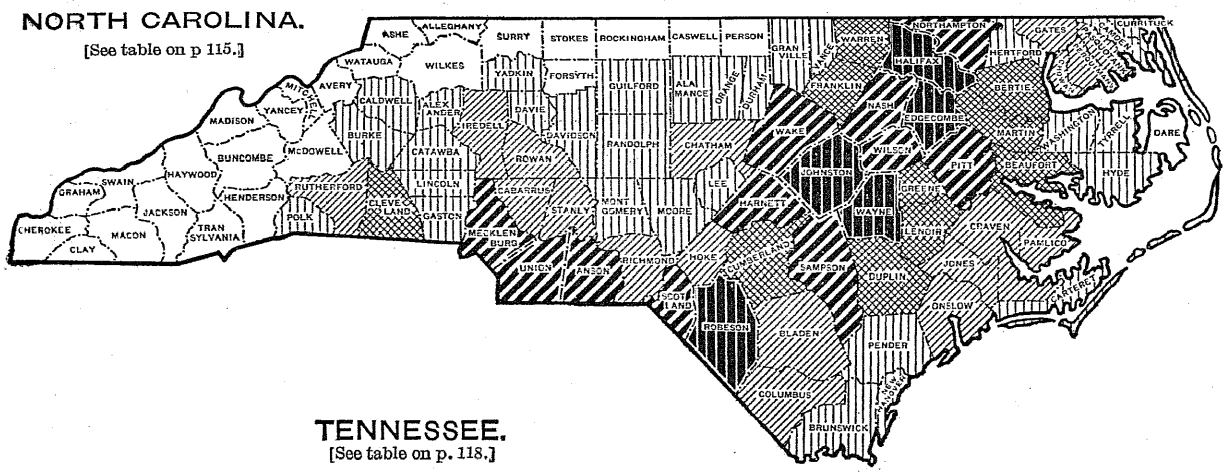
[See table on p. 110.]



(For the meaning of the shading on this map, see legend on p. 137.)

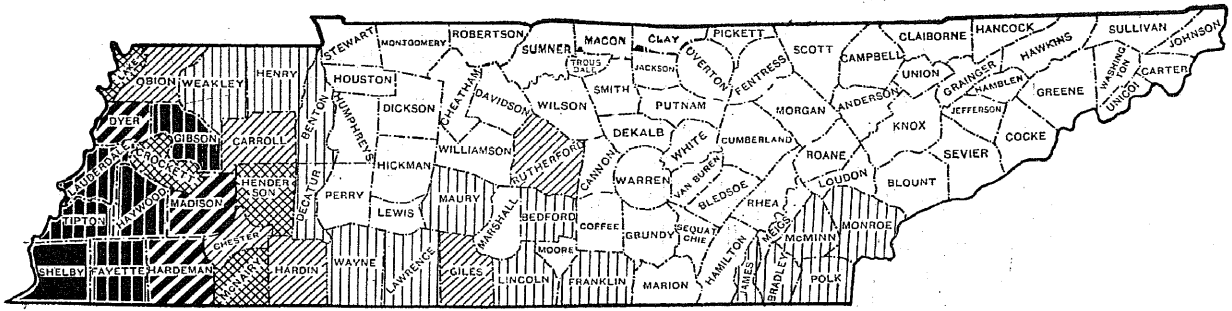
NORTH CAROLINA.

[See table on p 115.]

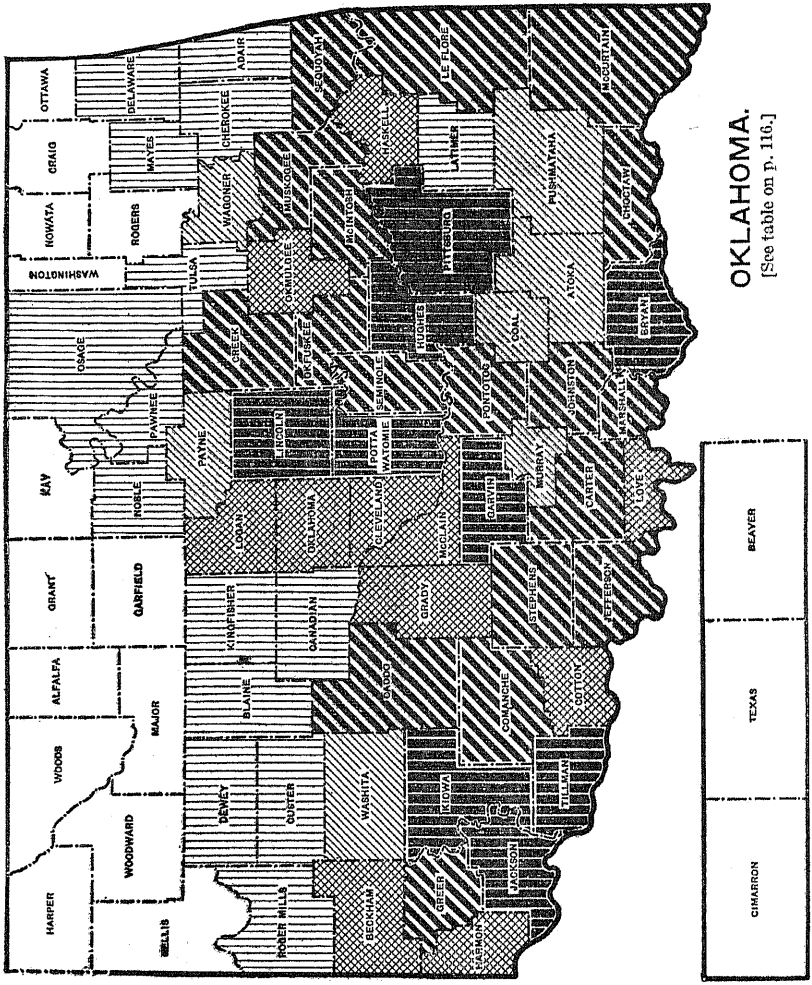


TENNESSEE.

[See table on p. 118.]



(For the meaning of the shading on these maps, see legend on p. 137.)



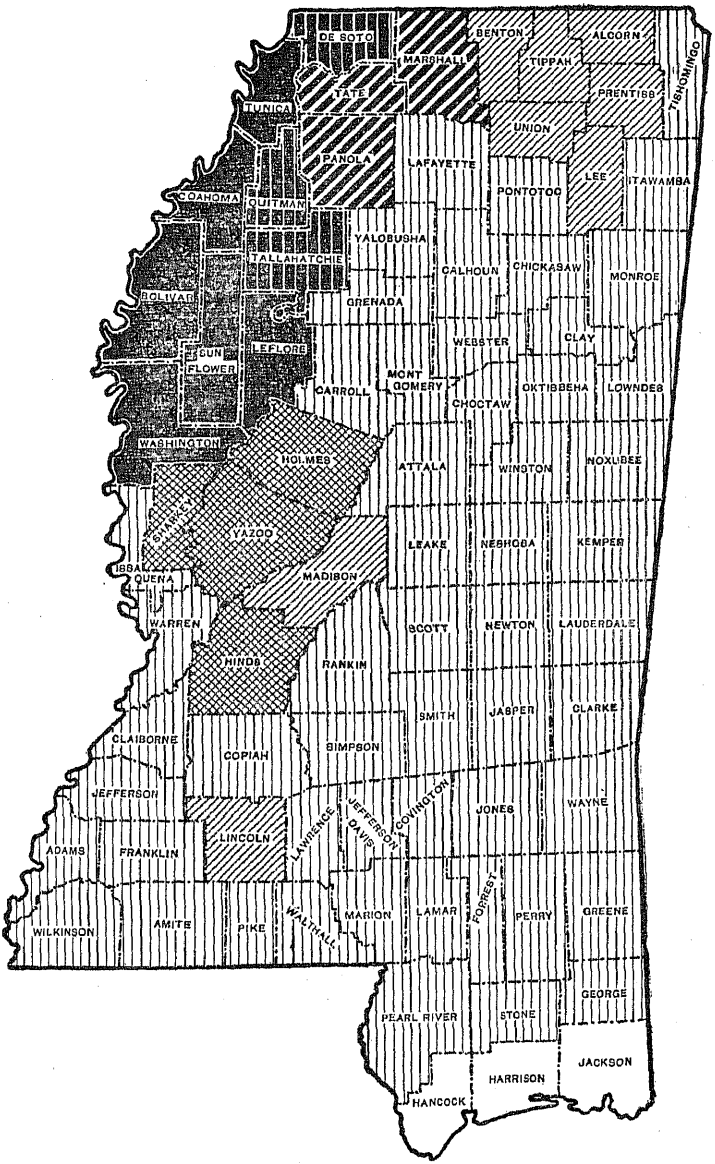
OKLAHOMA.

[See table on p. 116.]

(For the meaning of the shading on this map, see legend on p. 137.)

MISSISSIPPI.

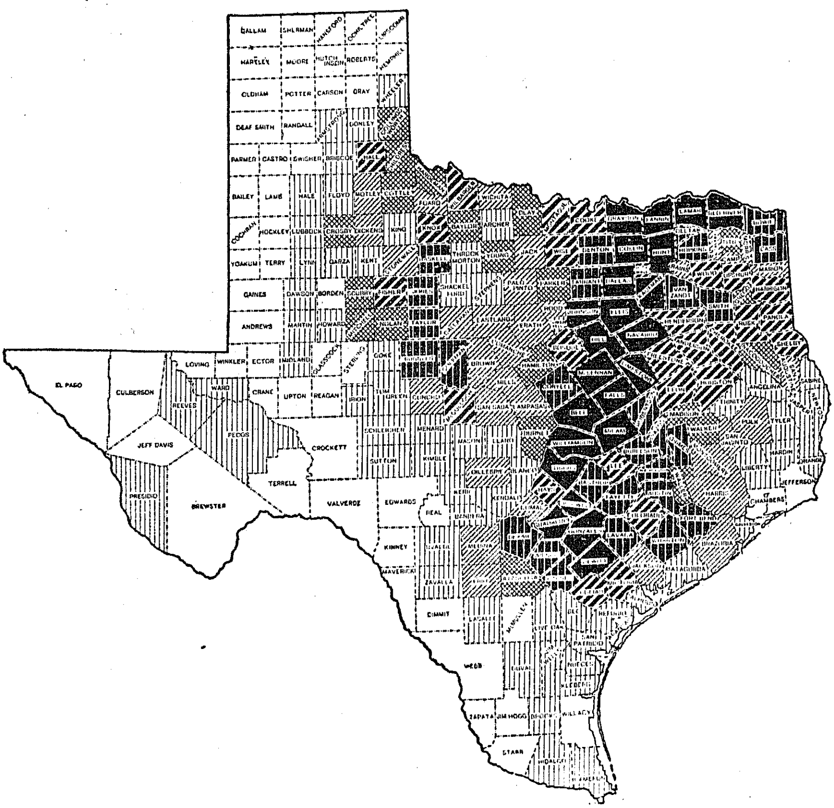
[See table on p. 113.]



(For the meaning of the shading on these maps, see legend on p. 137.)

TEXAS.

[See table on p. 119.



(For the meaning of the shading on this map, see legend on p. 137.)

O