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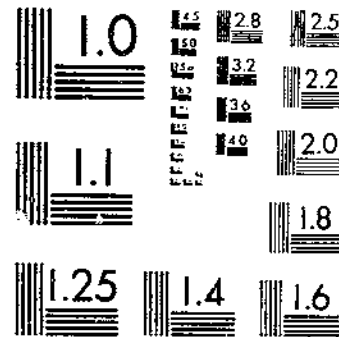
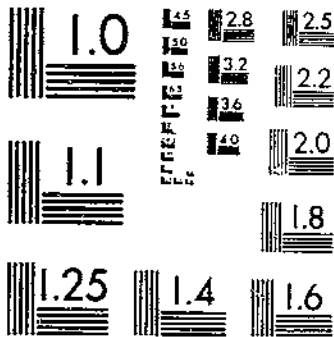
UPDATE

COTTONSEED SUPPLY AREAS

BREWER, J. H.

1905

START



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Cottonseed-Supply Areas

By John M. Brewster, *Agricultural Economist*

Statistical Bulletin No. 90
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Fats and Oils Branch

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This study was conducted under authority of the Research
and Marketing Act of 1946.

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COTTONSEED-SUPPLY AREAS

By

John M. Brewster, agricultural economist

INTRODUCTION

In any particular location few factors play a more decisive role than seed supplies in determining the size and type of a given cottonseed-oil mill. Seed supplies also affect the length of operating season.

Marked change in the area seed supply will call for some corresponding change in mill plant and operations. Such local information is essential to a particular mill, and knowledge of the volume, density, and long-term trends of cottonseed supplies, area by area, is even more necessary to it (1) for economic comparisons of various mill plant facilities and operating and managerial practices, and (2) for guidance of adjustments in the number, size, and type of mills in the industry as a whole.

To meet such needs, this bulletin was compiled from cotton-production data collected by the Bureau of Agricultural Economics, and from the 1950 cotton acreage-allotment data of the Production and Marketing Administration. The bulletin gives the average cottonseed production for three periods, 1928-32, 1938-42, and 1943-47. In general, the cottonseed-supply areas used in this bulletin are based on the general cotton-production regions and farming areas used by the Bureau of Agricultural Economics. To render the data convenient for the widest variety of purposes, they are presented in both map and tabular form by various area break-downs.

As a partial means of judging the portent of past trends, a possible future cottonseed supply in terms of the 1950 cotton acreage allotment is computed on the assumption (1) that all production conditions remain the same as the 1943-47 average and (2) that cotton planting will be in line with the 1950 acreage allotments.

In general terms, the bulletin shows that cottonseed production in the United States was downward from 1928-32 through 1938-42 and 1943-47, and sharply upward through 1948 and 1949, as follows:

U. S. cottonseed production

<u>Period:</u>	<u>Tons</u>	<u>Index</u>
1928-32.	6,359	148
1938-42.	4,962	116
1943-47.	4,286	100
1948	5,945	139
1949	6,477	151

This trend will tend to stabilize at about the 1943-47 level only insofar as (1) future cotton acreages are approximately in line with the 1950 allotments and (2) technological practices in cotton production remain substantially similar to those of the 1943-47 period.

MAJOR COTTONSEED-SUPPLY REGIONS, 1943-47

The Cotton Belt, as referred to in this bulletin, comprises 873 counties, which produced from 0.5 to 124.9 tons of cottonseed per square mile in at least one of the periods--1928-32, 1938-42, or 1943-47. These counties fall into six general cotton-producing regions (table 3, figs. 3 and 4), namely, the Delta, Coastal Plains, Eastern Hilly and Piedmont, Central Humid, Central Semi-arid, and West (Irrigated). These regions produced on the average about 4.3 million tons (6.5 tons per square mile) of cottonseed during the 1943-47 period.

The Delta included less than 3 percent (49,805 square miles) of the total Cotton Belt area (664,278 square miles), but it accounted for more than 27 percent of the total cottonseed production in the 1943-47 period, because of its relatively high seed density - 23.7 tons per square mile. The Eastern Hilly and Piedmont region ranked next in seed density, averaging 8.6 tons per square mile.

The West (Irrigated) region showed only 3.4 tons per square mile. The significance of that figure is minimized, however, by the fact that cotton production in that region is concentrated in relatively small sections of each cotton-producing county, whereas the seed density per square mile is based on both the total square miles and the total seed production in each county. In varying degrees this principle applies to some extent in any other area - a fact which the reader should always bear in mind as he interprets this bulletin.

Ranking above the West in seed density are the Central Semi-arid, Central Humid, and Coastal Plains regions, averaging 4.8, 4.2, and 4.5 tons per square mile, respectively (table 3). Although the cotton-producing counties in these regions comprise 61.5 percent

(408,341 square miles) of the total Cotton Belt area, they accounted for only 42.3 percent (1,812,900 tons) of the average cottonseed output in 1943-47, owing to their relatively low seed density.

In terms of the 1950 acreage allotments, some regions may this year produce a substantially larger share of the national cottonseed output than they did during the 1943-47 period. For example, the West (Irrigated) region may have increased its share by more than one-third and the Central Semi-arid region may have increased its share by about one-fifth. On the other hand, the Delta would likely produce about the same proportion in 1950 as in the 1943-47 period. The other three regions would account for a declining share of the total.

TRENDS IN COTTONSEED OUTPUT

The Cotton Belt has undergone a sharp and persistent decline in its seed production, the output being nearly a third less on an average in the 1943-47 period than it was in 1928-32. This decline represents more than 2,000,000 tons of cottonseed (table 4).

Decline was common to all cotton-producing regions except the West, which showed a 54-percent increase (112,165 tons) in 1943-47 over the 1928-32 period (Figs. 3 and 4). Production in the Delta remained relatively stable. In other words, the 2-million-ton decline from the 1928-32 to the 1943-47 period was limited almost entirely to the remaining four regions: Central Humid, Eastern Hilly and Piedmont, Coastal Plains, and Central Semi-arid. In each of these four regions the decline in seed density was as follows:

<u>Region:</u>	<u>Decline</u>	
	<u>Tons per sq. mile</u>	<u>Percent</u>
Central Humid.	5.6	57.4
Eastern Hilly and Pied- mont	3.7	30.0
Coastal Plains	3.2	41.1
Central Semi-arid.	3.1	39.3

Although the trend in cottonseed production was downward from 1928-32 to 1943-47, it has moved upward in recent years to about the 1928-32 level (table 4). However, in view of the probable cotton acreage limitations, the question arises as to what is the probable future level of cottonseed production. Although predictions on how acreage limitations may affect such production are highly desirable, they are not possible with any substantial degree

of accuracy, especially on a State or county basis. On a State basis, for example, there is a tendency for both cotton acreage and seed production to vary in the same direction, so that, if there is a marked decrease in acreage, seed production will also decrease in, say, 2 years out of 3 (Fig. 1). But from these similar directions in change, one cannot go on to make any reliable prediction as to how much change in seed production will result from a given amount of change in cotton acreage. The smaller the area under consideration the greater the degree of inaccuracy will tend to be. This can be seen by comparing figures 1 and 2.

For these reasons, this bulletin has limited computation of the effect of the 1950 acreage allotments on cottonseed supplies in the United States as a whole and on the six most general cotton-producing areas in particular. On this basis, the 1950 cottonseed output may be about 5 percent greater than the 1943-47 average. (See tables 2, 3, and 4. The allotment acreages involved in these tables are given in table 1.) This expanded output arises from the fact that the increase in cotton acreage in very recent years, relative to the 1943-47 average, more than offsets the 1950 allotment reductions.

More precisely, for the country as a whole, the 1949 acreage was more than 133 percent of the 1943-47 average and the 1949 cottonseed production was 146 percent of the 1943-47 seed output (table 2). Hence, despite nearly a 22-percent reduction of the 1949 acreage by the 1950 allotment, the 1950 acreage may still be 4 percent larger than the 1943-47 average. As a consequence, the 1950 seed production may be about 5 percent larger than the 1943-47 average.

But, although the general level of cottonseed production may be higher in 1950 than the 1943-47 average, production likely will remain stable in the Delta, Central Humid, and Coastal Plains regions, rise briskly in the West (Irrigated) and the Central Semi-arid regions, but fall somewhat in the Eastern Hilly and Piedmont region (table 4). For example, the average seed output per square mile in the West was more than 1.5 times as large in 1943-47 as in 1928-32, and its 1950 output is expected to be 2.4 times as great. (See figures 5 and 6.)

CHANGE IN REGIONAL DISTRIBUTION OF NATIONAL COTTONSEED OUTPUT

The foregoing trends resulted in some important changes in the regional proportions of the national cottonseed output. For example, while the Delta was producing 2.5 percent less seed per square mile in 1943-47 than during 1928-32 (table 4), it contributed 8.5 percent more to the national total (table 5).

Some regions had sharp declines in seed production, but contributed about the same proportion to the national supply. For

example, the Eastern Hilly and Piedmont region produced almost a third less seed in 1943-47 than in 1928-32 (table 4), but accounted for about the same proportion (22 percent) of the national total (table 5). Only in the Central Humid region did the production decline (more than 57 percent), with the result that the region's contribution to the national total was substantially reduced (more than 10 percent).

CHANGES IN COTTONSEED SUPPLIES IN STATE SEGMENTS OF 14 COTTON-PRODUCING REGIONS

The 14 cotton-producing regions often cut across State lines. The question arises as to trends in seed supplies within the State segments of these regions.

Striking differences are frequent. For example, the West (Irrigated) region as a whole increased its seed supply by 54.4 percent (table 4) between 1928-32 and 1943-47 but the Arizona segment showed a 5-percent decline (table 6). The New Mexico segment increased its supply more than 30 percent, Texas by nearly 52 percent, and California by more than 107 percent. (See table 6 and figure 7.)

Seed production in the Delta as a whole remained relatively stable between 1928-32 and 1943-47, but its Missouri and Arkansas segments (representing almost two-fifths of the total Delta region) showed increases ranging from 2.6 to 3.4 tons per square mile, respectively. Kentucky, Louisiana, Tennessee, and Mississippi segments (representing more than 60 percent of the Delta region) showed declines ranging from 1 ton per square mile in Mississippi to 4.3 tons in Louisiana.

Seed production declined in all State segments of the Eastern Hilly and Piedmont region. These declines ranged from 0.8 tons in Tennessee to 2.3 tons per square mile in Virginia.

Only in the South Carolina segment of the Coastal Plains region did production per square mile remain the same from 1928-32 to 1943-47. Declines in the other State segments of this region ranged from 3.4 tons (more than 41 percent) in North Carolina to 4.2 tons (55 percent) in Alabama.

CONCLUSIONS

The past 20-year trends in cottonseed production raise important questions for the cottonseed-oil mill industry. To what extent, for example, has mill crushing capacity adjusted itself to a sharply declining seed supply? Since total supplies were approximately one-third less, on an average, in the period of 1943-47 than in the 1928-32 period, only two-thirds as much crushing capacity was needed in the 1943-47 period. The problem becomes much more acute when examined on a local basis. (See figure 8.)

Seed production by the Sandy Lands was more than 70 percent less in 1943-47 than in 1928-32 (table 4), thus indicating that a correspondingly smaller crushing capacity was needed to handle the production in 1943-47. Mills in that region have therefore been faced with an extremely difficult situation. Either they have had to run a shorter season while having to bear about the same overhead expense, or they have had to go much greater distances for their cottonseed, thus increasing their procurement costs. The same problem has been facing mills throughout most of the cotton-producing areas, including the Coastal Plains, Piedmont, Eastern Hilly, Ozark-Ouachita, Texas Grazing, Low Plains, Texas Blacklands, and Cross Timbers areas.

In view of the 1950 acreage allotment, this problem of excess mill crushing capacity resulting from declining seed supplies will not be materially reduced in the visible future.

APPENDIX

The preceding text has been limited to an analysis of seed-production data for the major cottonseed-supply areas only. Tables 1 and 2 show the data on cotton acreage allotments, by States, and on cotton acreage and cottonseed production, by years, 1943-50. Tables 3 through 6, and figures 1 through 9, show data which provide the basis for the analysis of cottonseed production in the major cotton-producing areas of the Cotton Belt. Similar data are given in tables 7 to 37, inclusive, and in figures 9 to 32, for smaller areas. Thus, the reader may be able to discover and analyze his own local situation.

Table 1.--Cotton acreages, by States, 5-year averages, 1943-47, and allotments for 1950

State	: 1943-47 average ^{1/}	: 1950 cotton acreage allotment		
		: Amount	: Amount reserved	: Percentage
	: allotted ^{2/}	: Total	: of amount	: allotted
	: <u>1,000</u>	: <u>Acres</u>	: <u>Acres</u>	: <u>Percent</u>
	: <u>acres</u>			
Alabama.....	1,493	1,570,863	95,950	6.1
Arizona.....	175	232,266	402	.2
Arkansas.....	1,811	1,921,405	41,596	2.2
California.....	362	642,599	15,953	2.5
Florida.....	27	41,570	7,233	17.4
Georgia.....	1,343	1,411,100	96,651	6.8
Louisiana.....	874	873,297	81,682	9.4
Mississippi.....	2,379	2,295,545	63,566	2.8
Missouri.....	362	462,839	9,133	2.0
New Mexico.....	124	169,932	9,007	5.3
North Carolina...	682	723,153	129,389	17.9
Oklahoma.....	1,298	1,243,297	53,227	4.3
South Carolina...	1,039	1,025,725	52,930	5.2
Tennessee.....	664	703,653	39,000	5.5
Texas.....	7,154	7,637,029	75,241	1.0
Virginia.....	25	28,352	7,227	25.5
All other ^{3/}	16	17,375	1,479	8.5
Total.....	19,828	21,000,000	779,646	3.7

^{1/} Average cultivated acreage computed from BAE Cotton Production Reports.

^{2/} Public Law 272, establishing cotton acreage allotments, was amended March 31, 1950, (Public Law 471), to provide for an increase of approximately 1,200,000 acres. Such increase has not been included in this table.

^{3/} Includes Illinois, Kansas, and Kentucky; also Nevada for 1950 cotton acreage allotment.

Cotton acreage-allotment data from Federal Register, December 13, 1949, pp. 7448-7452.

Table 2.--Comparative percentages of cotton acreages and cottonseed production, by years, 1943-50, and 5-year averages, 1943-47

Year	Cotton acreage		Cottonseed production	
	Number ^{1/}	Percentage of	Quantity ^{1/}	Percentage of
	:1943-47 average:		:1943-47 average:	
	<u>1,000</u> <u>acres</u>	<u>Percent</u>	<u>1,000</u> <u>tons</u>	<u>Percent</u>
1943-47 average..	19,828	100.0	^{2/} 4,289	100.0
1943.....	21,900	110.4	4,688	109.3
1944.....	19,990	100.8	4,902	114.3
1945.....	17,562	88.6	3,664	85.4
1946.....	18,190	91.7	3,513	81.9
1947.....	21,500	108.4	4,681	109.1
1948.....	23,163	116.8	5,945	138.6
1949.....	27,359	138.0	6,477	151.0
1950.....	^{3/} 20,221	102.0	^{4/} 4,516	105.3

^{1/} Cultivated acreage, from BAE Cotton Production Reports.

^{2/} The 5-year average used elsewhere in this report is slightly smaller, as it includes only counties having an average cottonseed production of at least one-half ton per square mile in 1943-47.

^{3/} Reserve portion (779,646 acres) of the 1950 total acreage allotment not included. (See table 1.)

^{4/} Computed from PMA cotton acreage allotments for 1950 (table 1) and BAE cotton acreage and production averages for 1943-47.

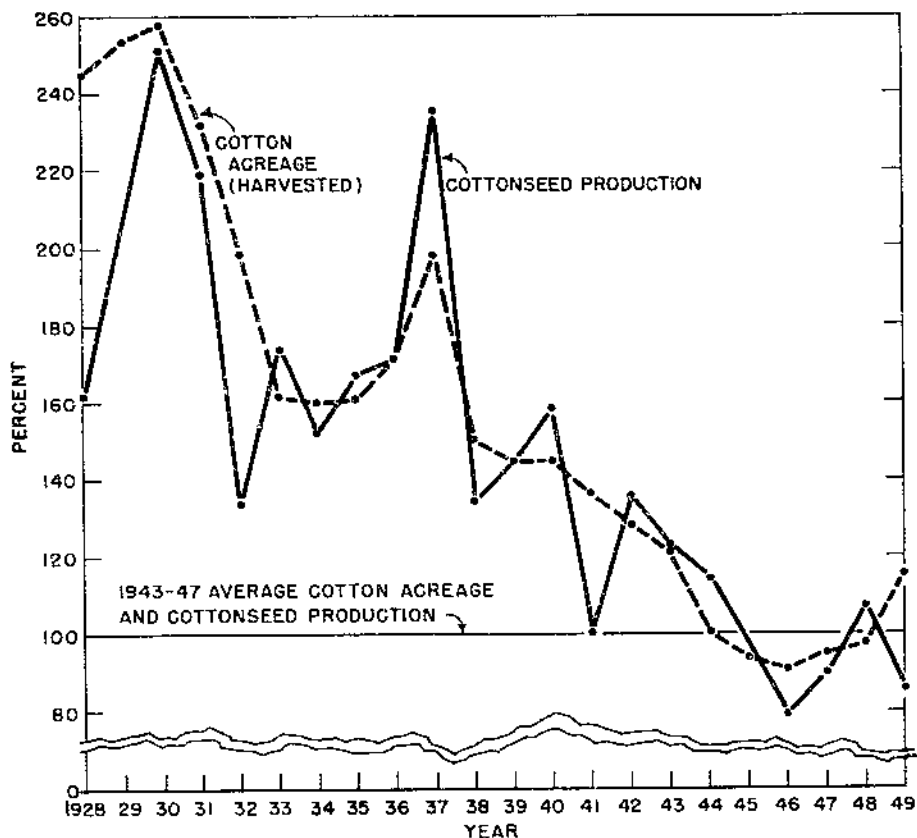


Figure 1.—Cotton acreage and cottonseed production for Georgia, 1928-49.

Source: Based on BAE Cotton Production Reports.

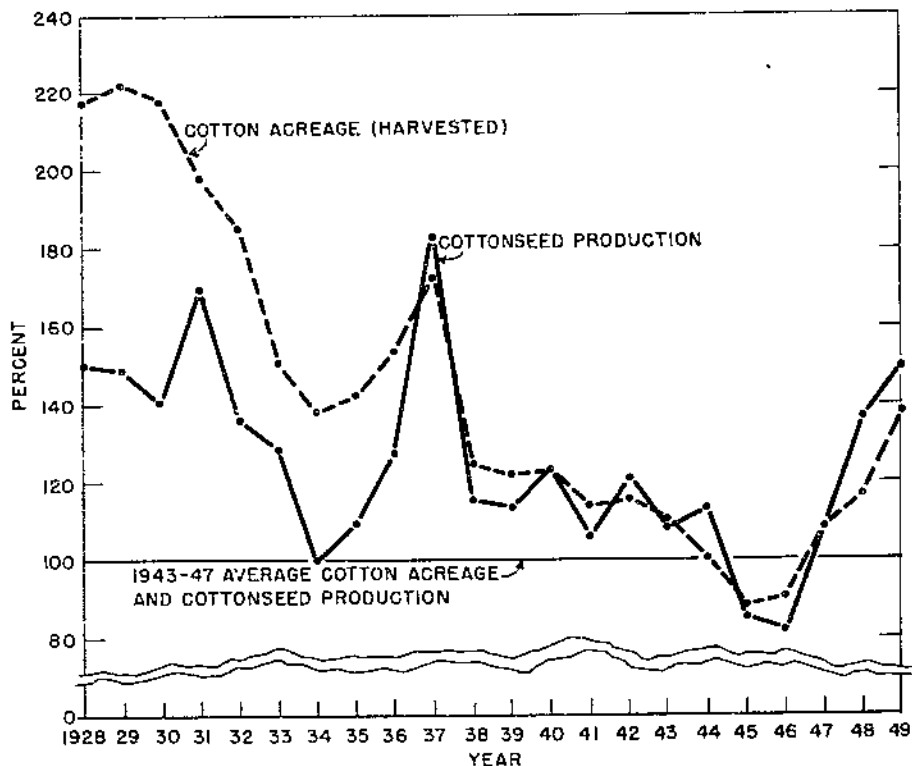


Figure 2.—Cotton acreage and cottonseed production for the United States, 1928-49.

Source: Based on BAE Cotton Production Reports.

Table 3.—Cottonseed production: Cotton Belt, by regions and subregions, 5-year averages, 1943-47, and computed production from the cotton acreage allotments for 1950

Region and subregion	Area		Production					
	Size	Per-	1943-47 average			Computed from 1950 cotton		
		cent-	Quantity	Per-	Per-	Quantity	Per-	Per-
	age of	age of	cent-	sq.	age of	cent-	sq.	
	total	total	age of	mile	total	age of	mile	
			total			total		
	Sq. miles	Percent	Tons	Percent	Tons	Tons	Percent	Tons
Cotton Belt 1/.....	664,278	100.0	4,287,407	100.0	6.5	4,516,500	100.0	6.8
Eastern Hilly and Pied-								
mont region.....	113,626	17.1	977,193	22.8	8.6	901,861	20.0	7.9
Eastern Hilly sub-								
region.....	67,117	10.1	607,762	14.2	9.1	-----	---	---
Piedmont subregion...	46,509	7.0	369,431	8.6	7.9	-----	---	---
Coastal Plains region..	119,239	18.0	542,377	12.7	4.5	533,642	11.8	4.5
Delta region.....	49,805	7.5	1,178,802	27.5	23.7	1,226,788	27.2	24.6
Central Humid region...	182,250	27.5	760,633	17.7	4.2	741,772	16.4	4.1
Ozark-Ouachita sub-								
region.....	31,033	4.7	76,940	1.8	2.5	-----	---	---
Sandy Lands subregion	62,612	9.4	148,529	3.4	2.4	-----	---	---
Gulf Coastal Prairies								
subregion.....	24,285	3.7	171,542	4.0	7.1	-----	---	---
Texas Blacklands sub-								
region.....	35,884	5.4	324,487	7.6	9.0	-----	---	---
Cross Timbers sub-								
region.....	14,274	2.2	19,182	.4	1.3	-----	---	---
Oklahoma Prairies								
subregion.....	14,162	2.1	19,953	.5	1.4	-----	---	---

See footnote at end of table.

Table 3.—Cottonseed production: Cotton Belt, by regions and subregions, 5-year averages, 1943-47, and computed production from the cotton acreage allotments for 1950—Continued

Region and subregion	Area		Production					
	Size	Per- cent- age of total	1943-47 average			Computed from 1950 cotton acreage allotment		
			Quantity	Per- cent- age of total	Per sq. mile	Quantity	Per- cent- age of total	Per sq. mile
Cotton Belt ^{1/} —Continued								
Central Semi-arid region.	106,852	16.0	509,890	11.9	4.8	617,583	13.7	5.8
Low Plains subregion...	47,425	7.1	270,284	6.3	5.7	—	—	—
High Plains subregion..	17,332	2.6	196,064	4.6	11.3	—	—	—
Texas Grazing sub- region.....	42,095	6.3	43,542	1.0	1.0	—	—	—
West (Irrigated) region..	92,506	13.9	318,512	7.4	3.4	494,854	10.9	5.3

^{1/} Includes counties having an average cottonseed production of at least one-half ton per square mile in 1928-32, 1938-42, or 1943-47.

Size of area computed from U. S. Census of Agriculture, 1945; 1943-47 average production computed from BAE cotton-production data; and 1950 production computed from PMA cotton acreage allotments for 1950 and BAE cotton production and acreage averages for 1943-47.

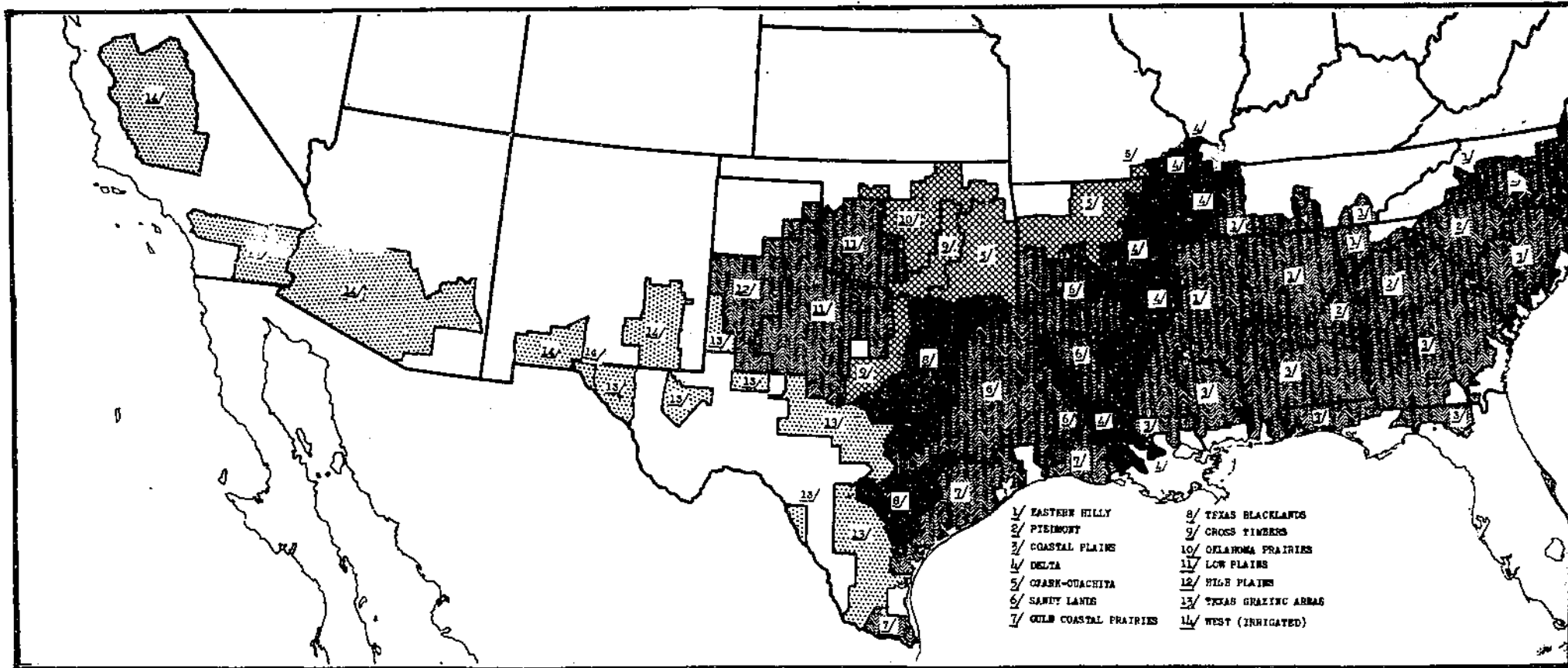


FIGURE 3.—Average production of cottonseed in 14 cotton-producing regions of the United States, 1928-32.

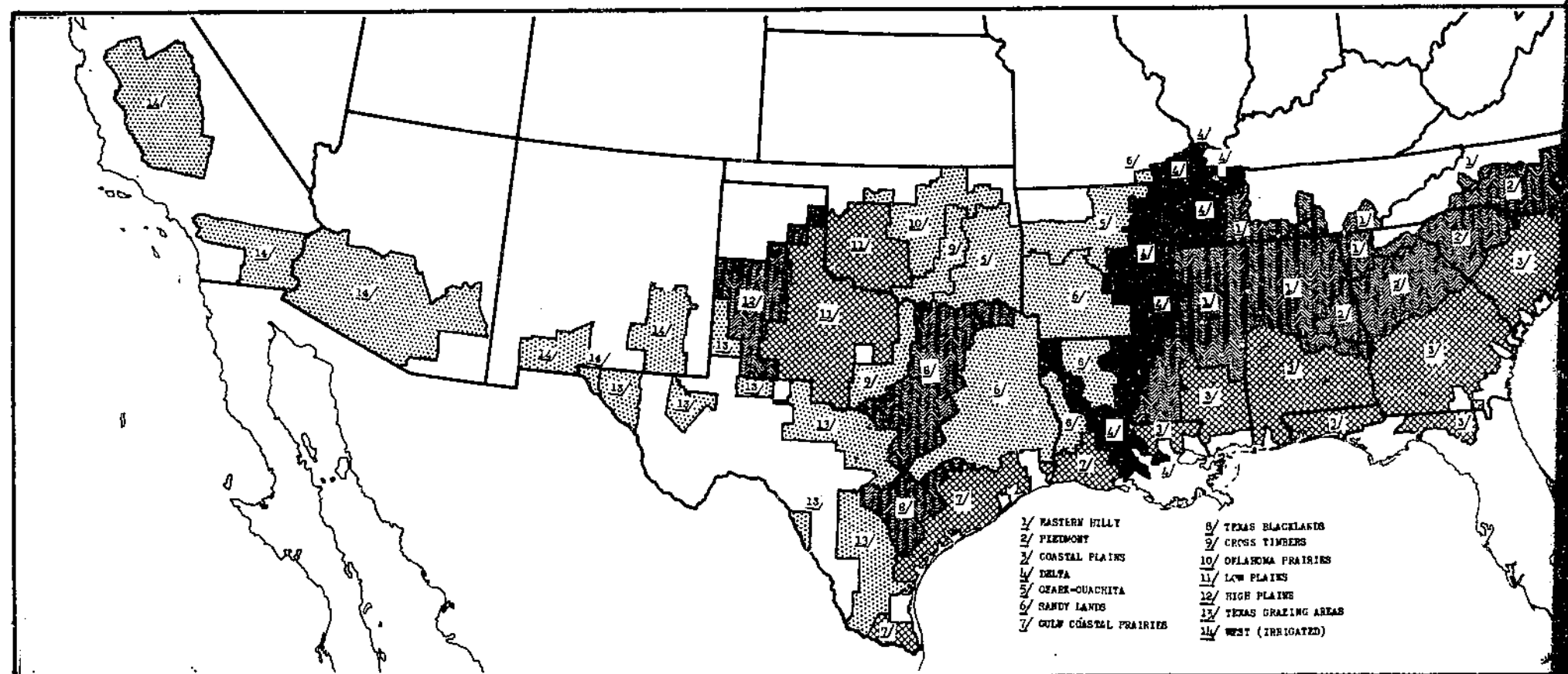


FIGURE 4.—Average production of cottonseed in 14 cotton-producing regions of the United States, 1945-47.

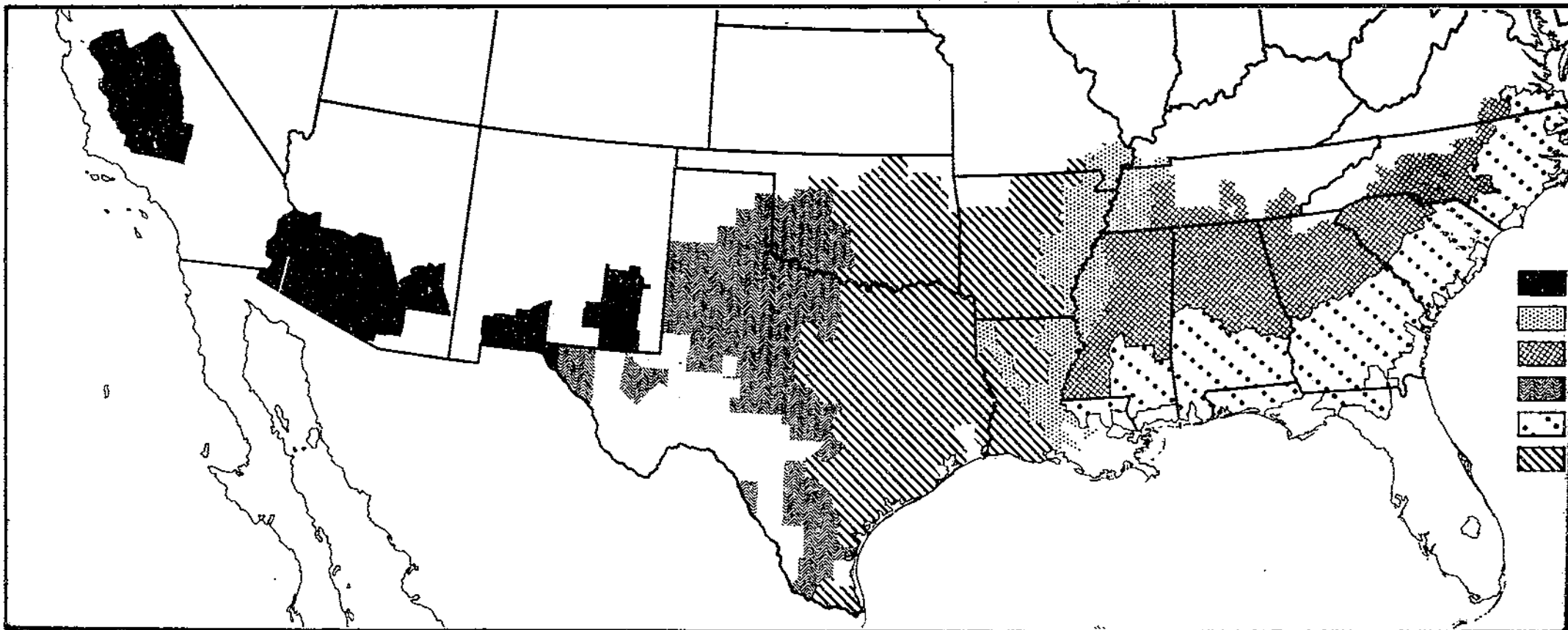


FIGURE 5.—Percentage change in average production of cottonseed in 8 major cotton-producing regions of the United States, 1928-32 to 1943-47.

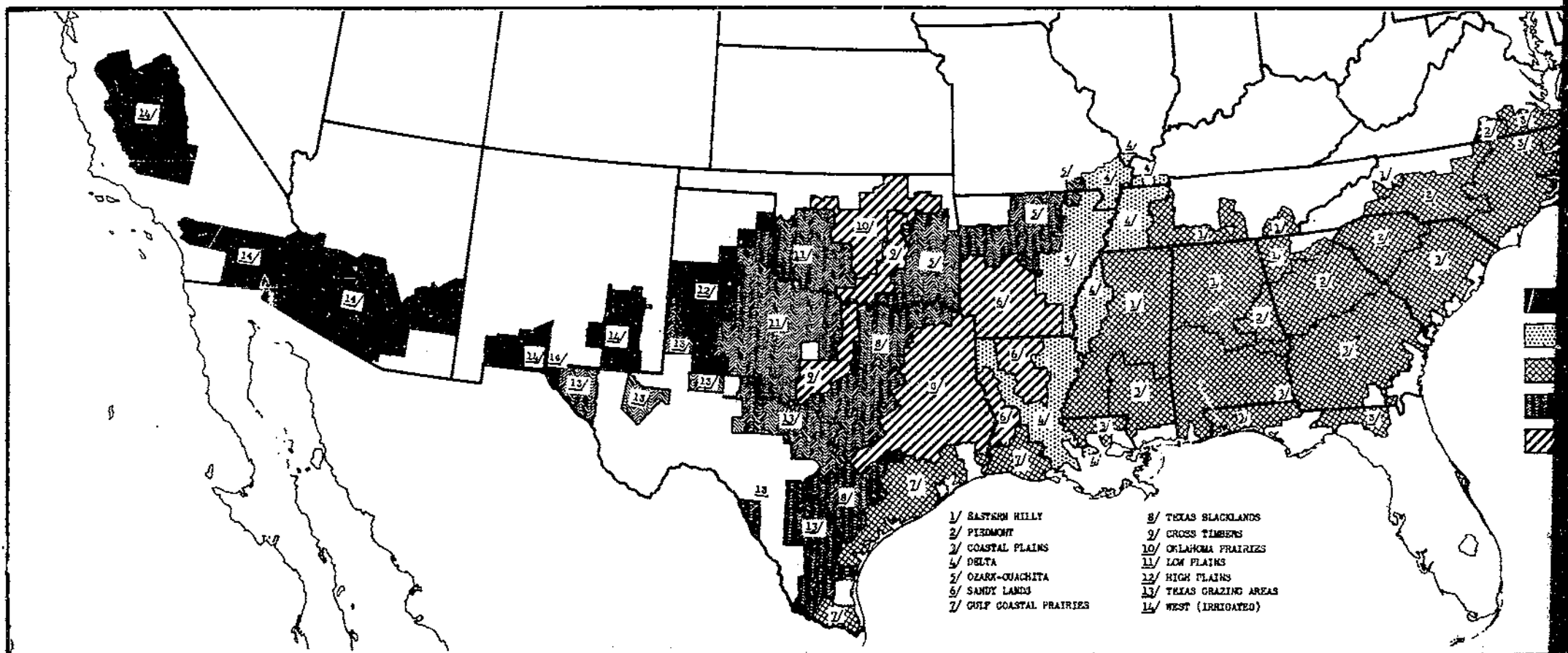


FIGURE 6.—Percentage change in average production of cottonseed in 14 cotton-producing regions of the United States, 1928-32 to 1943-47.

Table 4.--Cottonseed production: Percentage changes per square mile, in the regions and subregions of the Cotton Belt, 5-year averages, 1928-32, 1938-42, and 1943-47, and computed production from the cotton acreage allotments, for 1950

Region and subregion	Size of area	Production										
		Average for--			Computed from 1950 cotton acreage allotment	Per square mile Average for--			Computed from 1950 cotton acreage allotment	Percentage change (1928-32 = 100)		
		1928-32	1938-42	1943-47		1928-32	1938-42	1943-47		1938-42	1943-47	
Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Percent	Percent	
Cotton Belt 1/2	664,278	6,358,637	4,961,539	4,287,407	4,516,500	9.6	7.5	6.5	6.8	-22.0	-32.6	
Eastern Hilly and Piedmont region	113,626	1,395,930	993,420	977,193	901,861	12.3	8.7	8.6	7.9	-29.8	-30.0	
Eastern Hilly subregion	67,117	760,692	575,655	607,762	-----	11.3	8.6	9.1	---	-24.3	-20.1	
Piedmont subregion	46,509	635,238	417,765	369,431	-----	13.7	9.0	7.9	---	-34.2	-41.8	
Coastal Plains region	119,239	920,601	618,353	542,377	533,642	7.7	5.2	4.5	4.5	-32.8	-41.1	
Delta region	49,805	1,210,109	1,327,035	1,178,802	1,226,788	24.3	26.6	23.7	24.6	9.7	-2.6	
Central Humid region	182,250	1,785,031	1,072,582	760,633	741,772	9.8	5.9	4.2	4.1	-39.9	-57.4	
Ozark-Ouachita subregion	31,033	182,241	148,134	76,940	-----	5.9	4.8	2.5	---	-18.7	-57.8	
Sandy Lands subregion	62,612	522,504	287,778	148,529	-----	8.3	4.6	2.4	---	-44.9	-71.6	
Gulf Coastal Prairies subregion	24,285	226,365	163,927	171,542	-----	9.3	6.8	7.1	---	-27.6	-24.2	
Texas Blacklands subregion	35,884	714,289	386,411	324,487	-----	19.9	10.8	9.0	---	-45.9	-54.6	
Cross Timbers subregion	14,274	69,800	43,152	19,182	-----	4.9	3.0	1.3	---	-38.2	-72.5	
Oklahoma Prairies subregion	14,162	69,832	43,180	19,953	-----	4.9	3.0	1.4	---	-38.2	-71.4	
Central Semi-arid region	106,852	840,619	630,471	509,890	617,583	7.9	5.9	4.8	5.8	-25.0	-39.3	
Low Plains subregion	47,425	581,626	382,732	270,284	-----	12.3	8.1	5.7	---	-34.2	-53.5	
High Plains subregion	17,332	163,695	194,036	196,064	-----	9.4	11.2	11.3	---	18.5	19.8	
Texas Grazing subregion	42,095	95,298	53,703	43,542	-----	2.3	1.3	1.0	---	-43.6	-54.3	
West (Irrigated) region	92,506	206,347	319,678	318,512	494,854	2.2	3.5	3.4	5.3	54.9	54.4	

1/2 Includes counties having an average cottonseed production of at least one-half ton per square mile in 1928-32, 1938-42, or 1943-47.

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data; and 1950 production computed from PMA cotton acreage allotments for 1950 and BAE cotton production and acreage averages for 1943-47.

Table 5.--Cottonseed production: Percentage distribution, in the regions and subregions of the Cotton Belt, 5-year averages, 1928-32, 1938-42, and 1943-47, and computed production from the cotton acreage allotments for 1950

Region and subregion	Production							
	Average for--			Computed	Percentage distribution			
	1928-32	1938-42	1943-47	from 1950	Average for--			1950
	acrea-	acrea-	acrea-	acrea-	1928-32:	1938-42:	1943-47:	
			allotment					
	Tons	Tons	Tons	Tons	Pct.	Pct.	Pct.	Pct.
Cotton Belt 1/.....	6,358,637	4,961,539	4,287,407	4,516,500	100.0	100.0	100.0	100.0
Eastern Hilly and Piedmont region.....	1,395,930	993,420	977,193	901,861	22.0	20.0	22.8	20.0
Eastern Hilly subregion....	760,692	575,655	607,762	-----	12.0	11.6	14.2	-----
Piedmont subregion.....	635,238	417,765	369,431	-----	10.0	8.4	8.6	-----
Coastal Plains region.....	920,601	618,353	542,577	533,642	14.5	12.5	12.7	11.8
Delta region.....	1,210,109	1,327,035	1,178,802	1,226,788	19.0	26.8	27.5	27.2
Central Humid region.....	1,785,031	1,072,582	760,633	741,772	28.1	21.6	17.7	16.4
Ozark-Ouachita subregion...	182,241	148,134	76,940	-----	2.9	3.0	1.8	-----
Sandy Lands subregion.....	522,504	287,778	148,529	-----	8.2	5.8	3.4	-----
Gulf Coastal Prairies sub-region.....	226,365	163,927	171,542	-----	3.6	3.3	4.0	-----
Texas Blacklands subregion.	714,289	386,411	324,487	-----	11.2	7.8	7.6	-----
Cross Timbers subregion....	69,800	43,152	19,182	-----	1.1	.8	.4	-----
Oklahoma Prairies subregion	69,832	43,180	19,953	-----	1.1	.9	.5	-----

See footnote at end of table.

Table 5.--Cottonseed production: Percentage distribution, in the regions and subregions of the Cotton Belt, 5-year averages, 1928-32, 1938-42, and 1943-47, and computed production from the cotton acreage allotments for 1950--Continued

Region and subregion	Production							
	Average for--			Computed	Percentage distribution			
	1928-32	1938-42	1943-47	from 1950	Average for--			
				cotton	1928-32	1938-42	1943-47	1950
			acreage					
			allotment					
	Tons	Tons	Tons	Tons	Pct.	Pct.	Pct.	Pct.
Cotton Belt ^{1/} —Continued								
Central Semi-arid region.....	840,619	630,471	509,890	617,583	13.2	12.7	11.9	13.7
Low Plains subregion.....	581,626	382,732	270,284	-----	9.1	7.7	6.3	-----
High Plains subregion.....	163,695	194,036	196,064	-----	2.6	3.9	4.6	-----
Texas Grazing subregion....	95,298	53,703	43,542	-----	1.5	1.1	1.0	-----
West (Irrigated) region.....	206,347	319,678	318,512	494,854	3.2	6.4	7.4	10.9

^{1/} Includes counties having an average cottonseed production of at least one-half ton per square mile in 1928-32, 1938-42, or 1943-47.

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data; and 1950 production computed from PMA cotton acreage allotments for 1950 and BAE cotton production and acreage averages for 1943-47.

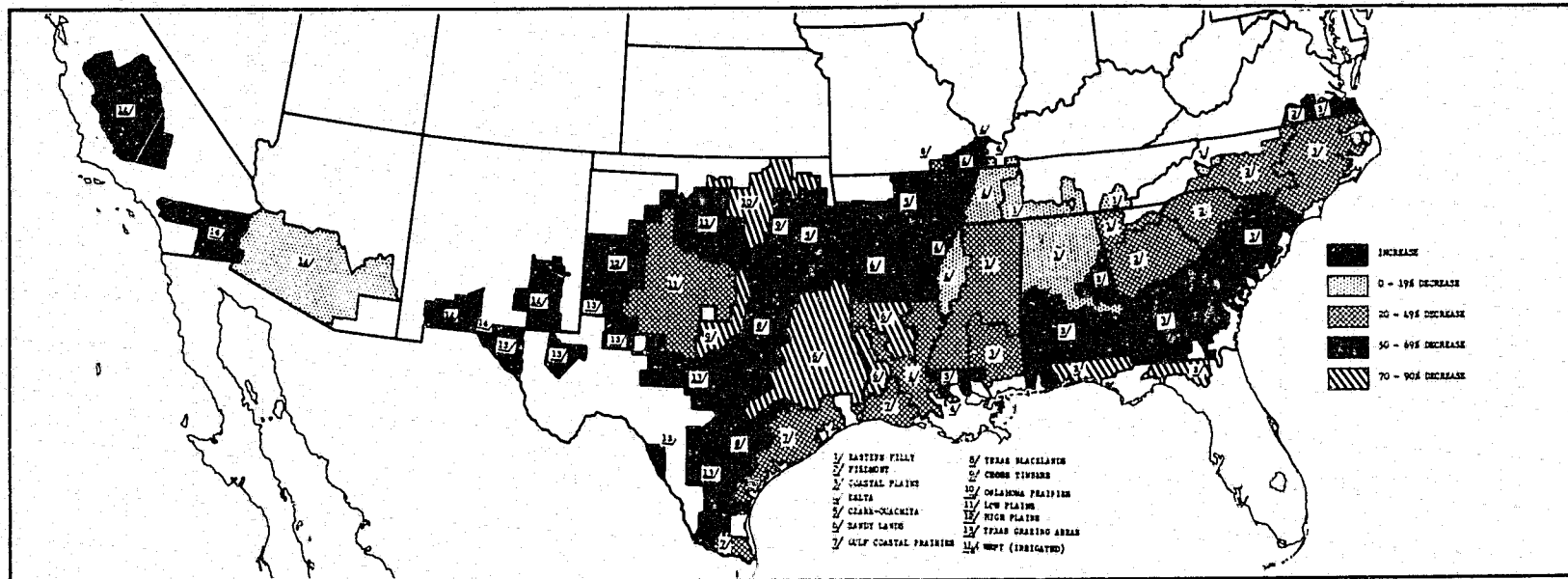


FIGURE 7.—Percentage change in average production of cottonseed, by State segments of 14 cotton-producing regions of the United States, 1928-32 to 1943-47.

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Table 6.—Cottonseed production: Percentage changes per square mile in the 14 cotton-producing regions of the Cotton Belt, by States, 5-year averages, 1928-32, 1938-42, and 1943-47

Region and State	Area		Production							
	Size	Per-centage of total	Average for—			Per square mile			Percentage change	
			1928-32	1938-42	1943-47	Average for—	1928-32	1938-42	1943-47	(1928-32 = 100)
Sq. miles	Percent	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Percent	Percent
Cotton Belt 1/.	664,278	100.0	6,358,637	4,961,539	4,287,407	9.6	7.5	6.5	-22.0	-32.6
Coastal Plains.	119,239	100.0	920,601	618,353	542,377	7.7	5.2	4.5	-32.8	-41.1
Alabama . . .	23,815	20.0	182,962	99,738	82,367	7.7	4.2	3.5	-45.5	-55.0
Florida . . .	9,655	8.1	15,684	7,703	4,538	1.6	.8	.5	-50.9	-71.1
Georgia . . .	30,563	25.6	272,639	164,534	119,887	8.9	5.4	3.9	-39.7	-56.0
Louisiana . .	3,214	2.7	12,268	8,858	5,553	3.8	2.8	1.7	-27.8	-54.7
Mississippi .	10,568	8.9	71,940	57,020	41,921	6.8	5.4	4.0	-20.7	-41.7
North Carolina	20,579	17.3	176,516	122,278	106,039	8.6	5.9	5.2	-30.7	-39.9
South Carolina	17,580	14.7	175,570	152,096	175,644	10.0	8.7	10.0	-13.4	.0
Virginia . . .	3,265	2.7	13,022	6,126	6,428	4.0	1.9	2.0	-53.0	-50.6
Eastern Hilly .	67,117	100.0	760,692	575,655	607,762	11.3	8.6	9.1	-24.3	-20.1
Alabama . . .	22,936	34.2	308,859	219,081	252,922	13.5	9.6	11.0	-29.1	-18.1
Georgia . . .	4,636	6.9	46,963	32,328	29,385	10.1	7.0	6.3	-31.2	-37.4
Mississippi .	28,767	42.9	344,924	273,388	274,518	12.0	9.5	9.5	-20.7	-20.4
North Carolina	761	1.1	1,351	1,323	1,116	1.8	1.7	1.5	- 2.1	-17.4
Tennessee . .	10,017	14.9	58,595	49,535	49,821	5.8	4.9	5.0	-15.5	-15.0
Piedmont. . . .	46,509	100.0	635,238	417,765	369,431	13.7	9.0	7.9	-34.2	-41.8
Alabama . . .	4,327	9.3	41,744	20,762	18,509	9.6	4.8	4.3	-50.3	-55.7
Georgia . . .	16,696	35.9	233,126	150,067	132,285	14.0	9.0	7.9	-35.6	-43.3
North Carolina	13,215	28.4	148,412	109,051	103,931	11.2	8.3	7.9	-26.5	-30.0
South Carolina	10,584	22.8	206,246	135,052	112,776	19.5	12.8	10.7	-34.5	-45.3
Virginia . . .	1,687	3.6	5,710	2,833	1,930	3.4	1.7	1.1	-50.4	-66.2

See footnote at end of table.

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Table 6.--Cottonseed production: Percentage changes per square mile in the 14 cotton-producing regions of the Cotton Belt, by States, 5-year averages, 1928-32, 1938-42, and 1943-47--Continued

Region and State	Area		Production							
	Size	Per-centage: of total	Average for--			Per square mile			Percentage change (1928-32 = 100)	
			1928-32	1938-42	1943-47	1928-32	1938-42	1943-47	1938-42	1943-47
			Tons	Tons	Tons	Tons	Tons	Tons	Percent	Percent
Sq. miles	Percent	Tons	Tons	Tons	Tons	Tons	Tons	Percent	Percent	
Cotton Belt 1/--										
Continued										
Delta.	49,805	100.0	1,210,109	1,327,035	1,178,802	24.3	26.6	23.7	9.7	- 2.6
Arkansas	14,661	29.4	355,312	451,771	404,224	24.2	30.8	27.6	27.1	13.8
Illinois	428	.9	518	1,846	799	1.2	4.3	1.9	256.4	54.2
Kentucky	860	1.7	4,164	5,900	3,775	4.8	6.9	4.4	41.7	- 9.3
Louisiana. . . .	16,066	32.3	233,854	166,971	164,759	14.6	10.4	10.3	- 28.6	-29.5
Mississippi. . .	6,271	12.6	340,097	363,250	333,312	54.2	57.9	53.2	6.8	- 2.0
Missouri	4,092	8.2	116,239	177,455	126,701	28.4	43.4	31.0	52.7	9.0
Tennessee. . . .	7,427	14.9	159,925	159,842	145,232	21.5	21.5	19.6	- .1	- 9.2
Ozark-Ouachita .	31,033	100.0	182,241	148,134	76,940	5.9	4.8	2.5	- 18.7	-57.8
Arkansas	14,897	48.0	101,921	82,049	44,917	6.8	5.5	3.0	- 19.5	-55.9
Missouri	639	2.1	966	814	563	1.5	1.3	.9	- 15.7	-41.7
Oklahoma	15,497	49.9	79,354	65,271	31,460	5.1	4.2	2.0	- 17.7	-60.4
Sandy Lands. . .	62,612	100.0	522,504	287,778	148,529	8.3	4.6	2.4	- 44.9	-71.6
Arkansas	18,428	29.4	115,207	77,979	46,107	6.3	4.2	2.5	- 32.3	-60.0
Louisiana	11,456	18.3	81,692	43,344	24,147	7.1	3.8	2.1	- 46.9	-70.4
Texas.	32,728	52.3	325,605	166,455	78,275	9.9	5.1	2.4	- 48.9	-76.0
Gulf Coastal Prairies.	24,285	100.0	226,365	163,927	171,542	9.3	6.8	7.1	- 27.6	-24.2
Louisiana. . . .	5,867	24.2	18,407	11,404	9,506	3.1	1.9	1.6	- 38.0	-48.4
Texas	18,418	75.8	207,958	152,523	162,036	11.3	8.3	8.8	- 26.7	-22.1

See footnote at end of table.

Table 6.—Cottonseed production: Percentage changes per square mile in the 14 cotton-producing regions of the Cotton Belt, by States, 5-year averages, 1928-32, 1938-42, and 1943-47—Continued

Region and State	Area		Production							
	Size	Per-centage of total	Average for--			Per square mile			Percentage change (1928-32 = 100)	
			1928-32	1938-42	1943-47	Average for--			1938-42	1943-47
						1928-32	1938-42	1943-47		
Sq. miles	Percent	Tons	Tons	Tons	Tons	Tons	Tons	Percent	Percent	
Cotton Belt 1/--										
Continued										
Texas Blacklands	35,884	100.0	714,289	386,411	324,487	19.9	10.8	9.0	-45.9	-54.6
Cross Timbers.	14,274	100.0	69,800	43,152	19,182	4.9	3.0	1.3	-38.2	-72.5
Oklahoma . . .	6,940	48.6	45,416	35,725	15,592	6.5	5.1	2.2	-21.3	-65.7
Texas	7,334	51.4	24,384	7,427	3,590	3.3	1.0	.5	-69.5	-85.3
Oklahoma Prairies	14,162	100.0	69,832	43,180	19,953	4.9	3.0	1.4	-38.2	-71.4
Low Plains . . .	47,425	100.0	581,626	382,732	270,284	12.3	8.1	5.7	-34.2	-53.5
Oklahoma . . .	14,764	31.1	248,280	135,717	90,845	16.8	9.2	6.2	-45.3	-63.4
Texas	32,661	68.9	333,346	247,015	179,439	10.2	7.6	5.5	-25.9	-46.2
Texas High Plains	17,332	100.0	163,695	194,036	196,064	9.4	11.2	11.3	18.5	19.8
Texas Grazing . .	42,095	100.0	95,298	53,703	43,542	2.3	1.3	1.0	-43.6	-54.3
West (Irrigated)	92,506	100.0	206,347	319,678	318,512	2.2	3.5	3.4	54.9	54.4
Arizona	38,445	41.6	63,126	82,889	59,898	1.6	2.2	1.6	31.3	-5.1
California . . .	35,989	38.9	88,870	178,400	184,376	2.5	5.0	5.1	100.7	107.5
New Mexico . .	17,018	18.4	38,549	40,415	50,253	2.3	2.4	3.0	4.8	30.4
Texas	1,054	1.1	15,802	17,974	23,985	15.0	17.1	22.8	13.7	51.8

1/Includes counties having an average cottonseed production of at least one-half ton per square mile in 1928-32, 1938-42, or 1943-47.

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

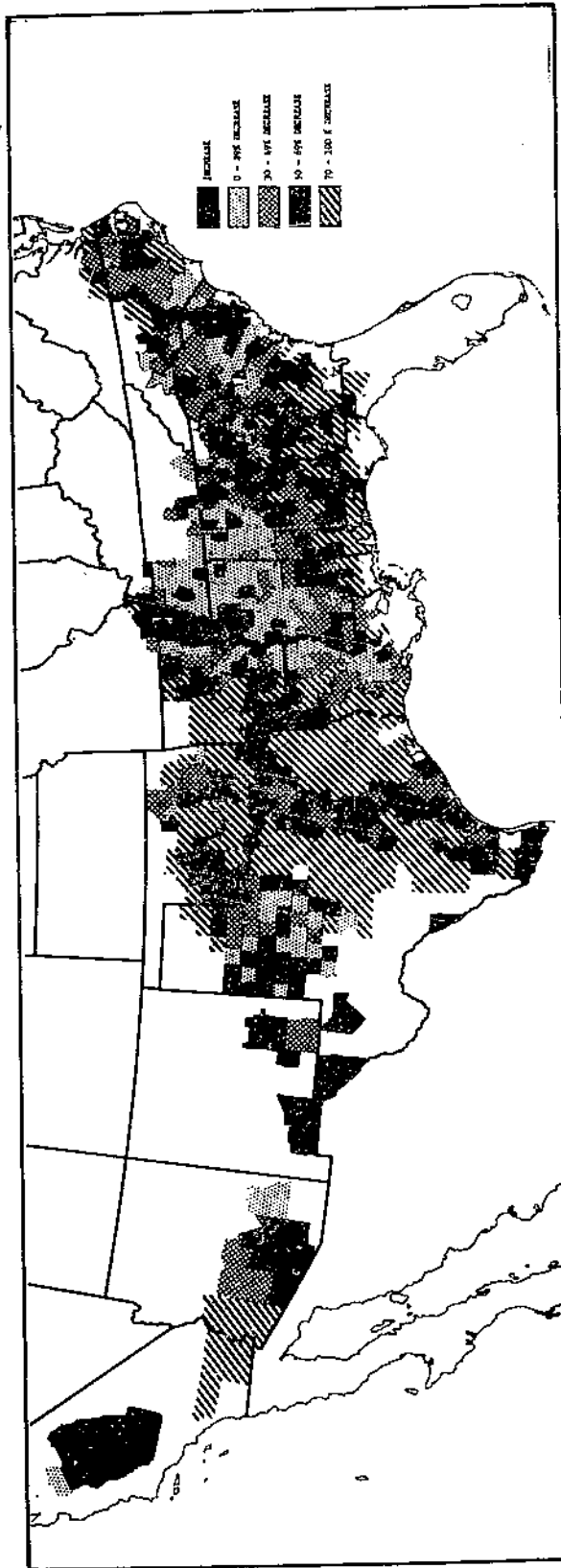


FIGURE 8.—Percentage change in average production of cottonseed, by counties, 1928-32 to 1943-47.

Table 7.--Cottonseed production: Percentage changes per square mile, in States and State segments of the 14 cotton-producing regions of the Cotton Belt, 5-year averages, 1928-32, 1938-42, and 1943-47

State and segment of cotton-produc- ing region	Size of area	Production								
		Average for--			Per square mile			Percentage change		
		Average for--			Average for--			(1928-32 = 100)		
		1928-32	1938-42	1943-47	1928-32	1938-42	1943-47	1938-42	1943-47	
Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons	Percent	Percent		
Cotton Belt 1/.....	664,278	6,358,637	4,961,539	4,287,407	9.6	7.5	6.5	-22.0	-32.6	
Alabama.....	51,078	533,565	339,581	353,798	10.4	6.6	6.9	-36.4	-33.7	
Coastal Plains..	23,815	182,962	99,738	82,367	7.7	4.2	3.5	-45.5	-55.0	
Eastern Hilly..	22,936	308,859	219,081	252,922	13.5	9.6	11.0	-29.1	-18.1	
Piedmont.....	4,327	41,744	20,762	18,509	9.6	4.8	4.3	-50.3	-55.7	
Arizona, Irrigated	38,445	63,126	82,889	59,898	1.6	2.2	1.6	31.3	- 5.1	
Arkansas.....	47,986	572,440	611,799	495,248	11.9	12.7	10.3	6.9	-13.5	
Delta.....	14,661	355,312	451,771	404,224	24.2	30.8	27.6	27.1	13.8	
Ozark-Ouachita..	14,897	101,921	82,049	44,917	6.8	5.5	3.0	-19.5	-55.9	
Sandy Lands.....	18,428	115,207	77,979	46,107	6.3	4.2	2.5	-32.3	-60.0	
California, Irrigated.....	35,989	88,870	178,400	184,376	2.5	5.0	5.1	100.7	107.5	
Florida, Coastal Plains.....	9,655	15,684	7,703	4,538	1.6	0.8	0.5	-50.9	-71.1	
Georgia.....	51,895	552,728	346,929	281,557	10.7	6.7	5.4	-37.2	-49.1	
Coastal Plains..	30,563	272,639	164,534	119,887	8.9	5.4	3.9	-39.7	-56.0	
Eastern Hilly..	4,636	46,963	32,328	29,385	10.1	7.0	6.3	-31.2	-37.4	
Piedmont.....	16,696	233,126	150,067	132,285	14.0	9.0	7.9	-35.6	-43.3	

See footnote at end of table.

Table 7.--Cottonseed production: Percentage changes per square mile, in States and State segments of the 14 cotton-producing regions of the Cotton Belt, 5-year averages, 1928-32, 1938-42, and 1943-47--Continued

State and segment of cotton-producing region	Size of area : Sq. miles	Production								
		Average for--			Per square mile			Percentage change (1928-32 = 100)		
		Average for--			Average for--					
		1928-32	1938-42	1943-47	1928-32	1938-42	1943-47	1928-32	1938-42	1943-47
	Tons	Tons	Tons	Tons	Tons	Tons	Percent	Percent	Percent	
Cotton Belt 1/---Con.										
Illinois, Delta..	428	518	1,846	799	1.2	4.3	1.9	256.4		54.2
Kentucky, Delta..	860	4,164	5,900	3,775	4.8	6.9	4.4	41.7		-9.3
Louisiana.....	36,603	346,221	230,577	203,965	9.5	6.3	5.6	-33.4		-41.1
Coastal Plains.	3,214	12,268	8,858	5,553	3.8	2.8	1.7	-27.8		-54.7
Delta.....	16,066	233,854	166,971	164,759	14.6	10.4	10.3	-28.6		-29.5
Gulf Coastal										
Prairies.....	5,867	18,407	11,404	9,506	3.1	1.9	1.6	-38.0		-48.4
Sandy Lands....	11,456	81,692	43,344	24,147	7.1	3.8	2.1	-46.9		-70.4
Mississippi.....	45,606	756,961	693,658	649,751	16.6	15.2	14.2	-8.4		-14.2
Coastal Plains.	10,568	71,940	57,020	41,921	6.8	5.4	4.0	-20.7		-41.7
Eastern Hilly..	28,767	344,924	273,388	274,518	12.0	9.5	9.5	-20.7		-20.4
Delta.....	6,271	340,097	363,250	333,312	54.2	57.9	53.2	6.8		-2.0
Missouri.....	4,731	117,205	178,269	127,264	24.8	37.7	26.9	52.1		8.6
Ozark-Ouachita.	639	966	814	563	1.5	1.3	.9	-15.7		-41.7
Delta.....	4,092	116,239	177,455	126,701	28.4	43.4	31.0	52.7		9.0

See footnote at end of table.

Table 7.--Cottonseed production: Percentage changes per square mile, in States and State segments of the 14 cotton-producing regions of the Cotton Belt, 5-year averages, 1928-32, 1938-42, and 1943-47--Continued

State and segment of cotton-produc- ing region	Size of area	Production							
		Average for--			Per square mile			Percentage change	
		Average for--			Average for--			(1928-32 = 100)	
		1928-32	1938-42	1943-47	1928-32	1938-42	1943-47	1938-42	1943-47
Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons	Percent	Percent	
Cotton Belt $\frac{1}{2}$ --Con.									
New Mexico, Irrigated.....	17,018	38,549	40,415	50,253	2.3	2.4	3.0	4.8	30.4
North Carolina....	34,555	326,279	232,652	211,086	9.4	6.7	6.1	-28.7	-35.3
Coastal Plains..	20,579	176,516	122,278	106,039	8.6	5.9	5.2	-30.7	-39.9
Eastern Hilly...	761	1,351	1,323	1,116	1.8	1.7	1.5	-2.1	-17.4
Piedmont.....	13,215	148,412	109,051	103,931	11.2	8.3	7.9	-26.5	-30.0
Oklahoma.....	51,363	442,882	279,893	157,850	8.6	5.4	3.1	-36.8	-64.4
Cross Timbers...	6,940	45,416	35,725	15,592	6.5	5.1	2.2	-21.3	-65.7
Low Plains.....	14,764	248,280	135,717	90,845	16.8	9.2	6.2	-45.3	-63.4
Oklahoma Prairies	14,162	69,832	43,180	19,953	4.9	3.0	1.4	-38.2	-71.4
Ozark-Ouachita..	15,497	79,354	65,271	31,460	5.1	4.2	2.0	-17.7	-60.4
South Carolina....	25,164	381,816	287,148	288,420	13.6	10.2	10.2	-24.8	-24.5
Coastal Plains..	17,580	175,570	152,096	175,644	10.0	8.7	10.0	-13.4	0.0
Piedmont.....	10,584	206,246	135,052	112,776	19.5	12.8	10.7	-34.5	-45.3
Tennessee.....	17,444	218,520	209,377	195,053	12.5	12.0	11.2	-4.2	-10.7
Delta.....	7,427	159,925	159,842	145,232	21.5	21.5	19.6	-0.1	-9.2
Eastern Hilly...	10,017	58,595	49,535	49,821	5.8	4.9	5.0	-15.5	-15.0

See footnote at end of table.

Table 7.—Cottonseed production: Percentage changes per square mile, in States and State segments of the 14 cotton-producing regions of the Cotton Belt, 5-year averages, 1928-32, 1938-42, and 1943-47—Continued

State and segment of cotton-produc- ing region	Size of area	Production							
		Average for--			Per square mile			Percentage change	
		Average for--			Average for--			(1928-32 = 100)	
		1928-32	1938-42	1943-47	1928-32	1938-42	1943-47	1938-42	1943-47
Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons	Percent	Percent	
Cotton Belt ^{1/} —Con.									
Texas.....	187,506	1,880,377	1,225,544	1,011,418	10.0	6.5	5.4	-34.8	-46.2
Cross Timbers..	7,334	24,384	7,427	3,590	3.3	1.0	0.5	-69.5	-85.3
Gulf Coastal									
Prairies.....	18,418	207,958	152,523	162,036	11.3	8.3	8.8	-26.7	-22.1
High Plains...	17,332	163,695	194,036	196,064	9.4	11.2	11.3	18.5	19.8
Irrigated.....	1,054	15,802	17,974	23,985	15.0	17.1	22.8	13.7	51.8
Low Plains....	32,661	333,346	247,015	179,439	10.2	7.6	5.5	-25.9	-46.2
Sandy Lands...	32,728	325,605	166,455	78,275	9.9	5.1	2.4	-48.9	-76.0
Blacklands....	35,884	714,289	386,411	324,487	19.9	10.8	9.0	-45.9	-54.6
Texas Grazing.	42,095	95,298	53,703	43,542	2.3	1.3	1.0	-43.6	-54.3
Virginia.....	4,952	18,732	8,959	8,358	3.8	1.8	1.7	-52.2	-55.4
Coastal Plains	3,265	13,022	6,126	6,428	4.0	1.9	2.0	-53.0	-50.6
Piedmont.....	1,687	5,710	2,833	1,930	3.4	1.7	1.1	-50.4	-66.2

^{1/} Includes counties having an average cottonseed production of a least one-half ton per square mile in 1928-32, 1938-42, or 1943-47.

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

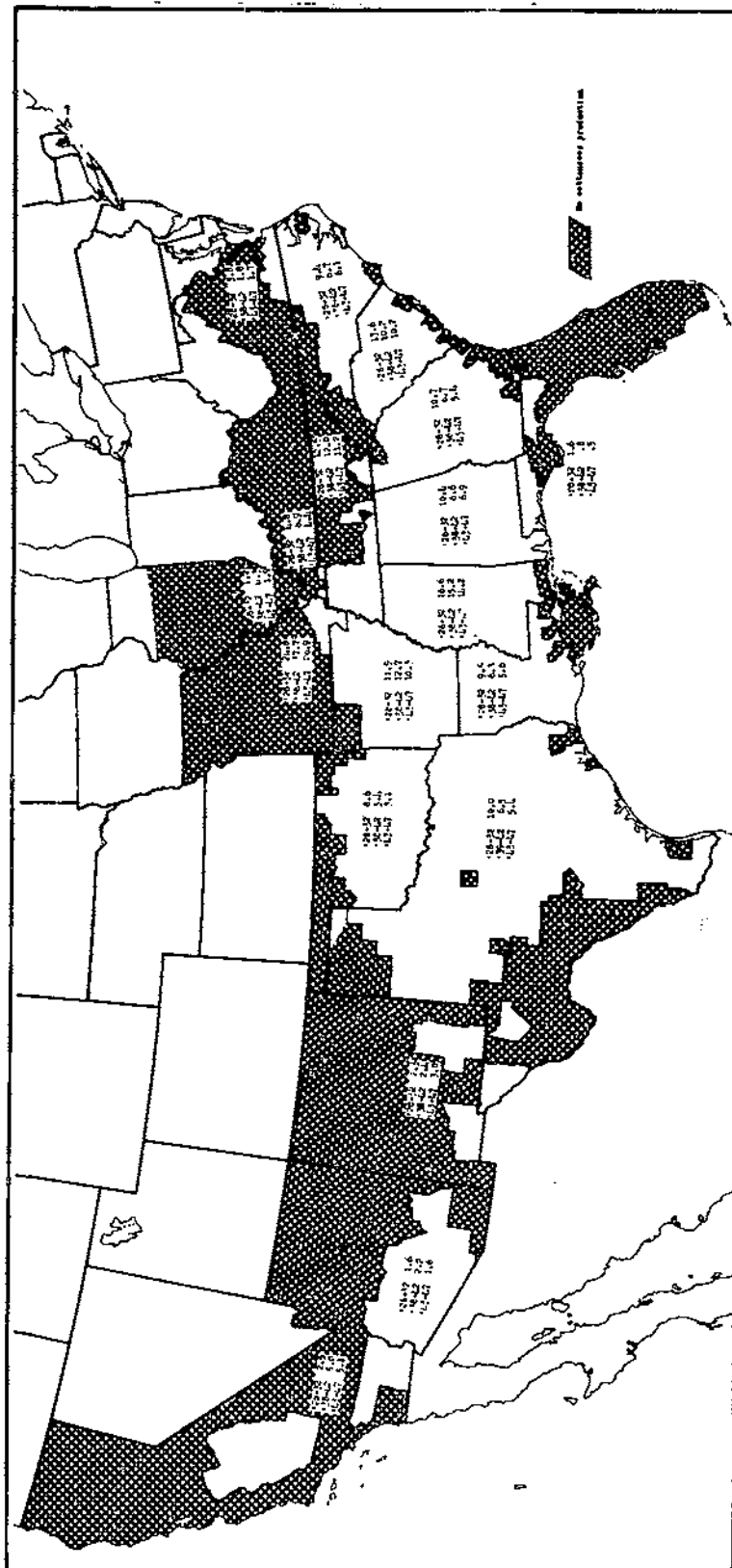
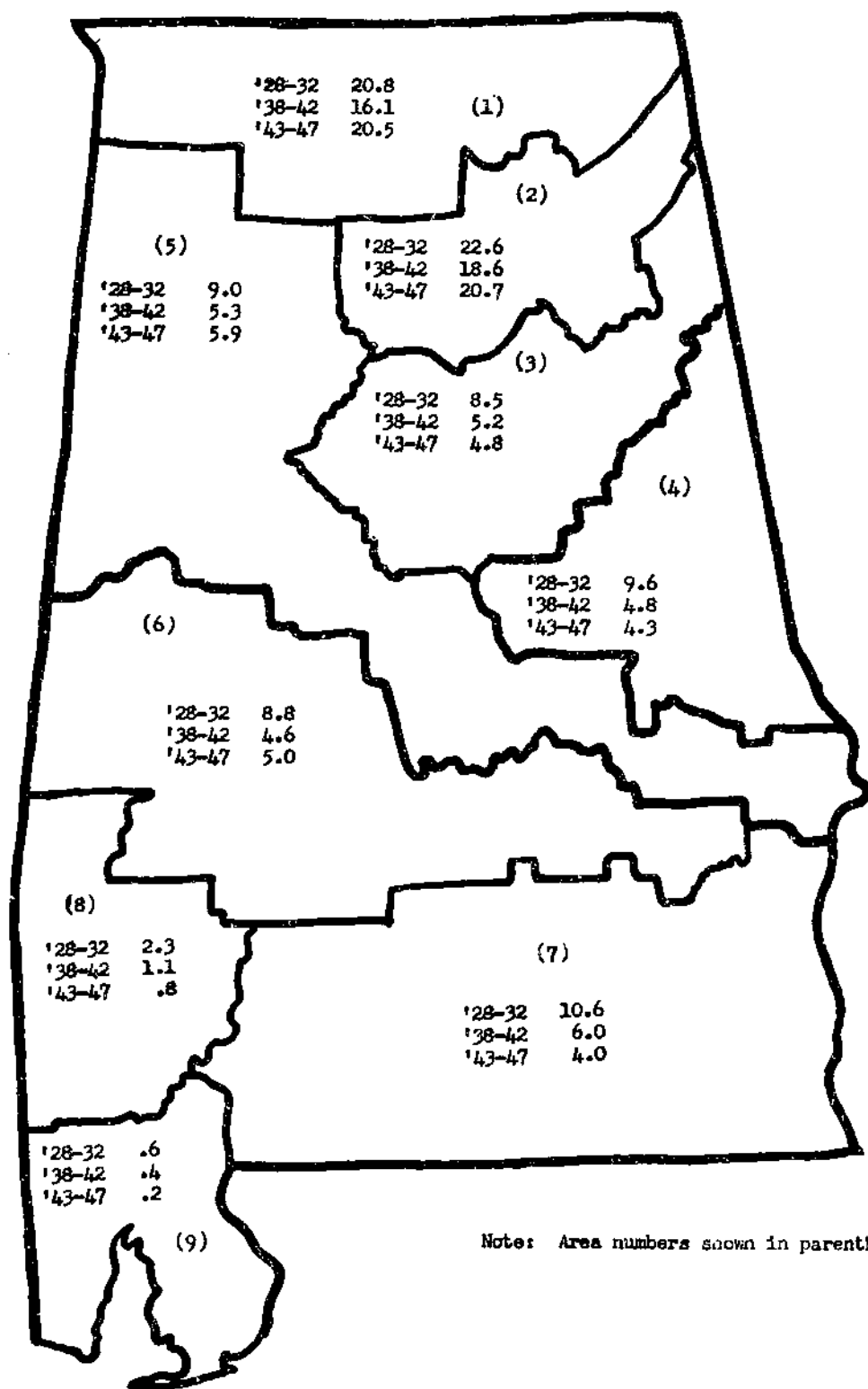


FIGURE 9.—Average tons of cottonseed produced per square mile, by States, 1928-32, 1938-42, and 1943-47.

Table 5.--Cottonseed production: Alabama, by regions and farming areas, 5-year averages, 1928-32, 1938-42, and 1943-47

Region and farming area	Size of area Sq. miles	Average production for --					
		1928-32		1938-42		1943-47	
		Total Tons	Per sq. mile Tons	Total Tons	Per sq. mile Tons	Total Tons	Per sq. mile Tons
Alabama.....	51,078	533,565	10.4	339,581	6.6	353,798	6.9
Coastal Plains:							
Area 6.....	7,931	69,915	8.8	36,149	4.6	39,975	5.0
Area 7.....	9,795	103,805	10.6	58,940	6.0	39,420	4.0
Area 8.....	3,228	7,422	2.3	3,399	1.1	2,528	.8
Area 9.....	2,861	1,820	.6	1,250	.4	444	.2
Eastern Hilly:							
Area 1.....	5,036	104,854	20.8	80,856	16.1	103,443	20.5
Area 2.....	3,287	74,297	22.6	61,207	18.6	67,880	20.7
Area 3.....	4,519	38,560	8.5	23,464	5.2	21,752	4.8
Area 5.....	10,094	91,148	9.0	53,554	5.3	59,847	5.9
Piedmont:							
Area 4.....	4,327	41,744	9.6	20,762	4.8	18,509	4.3

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.



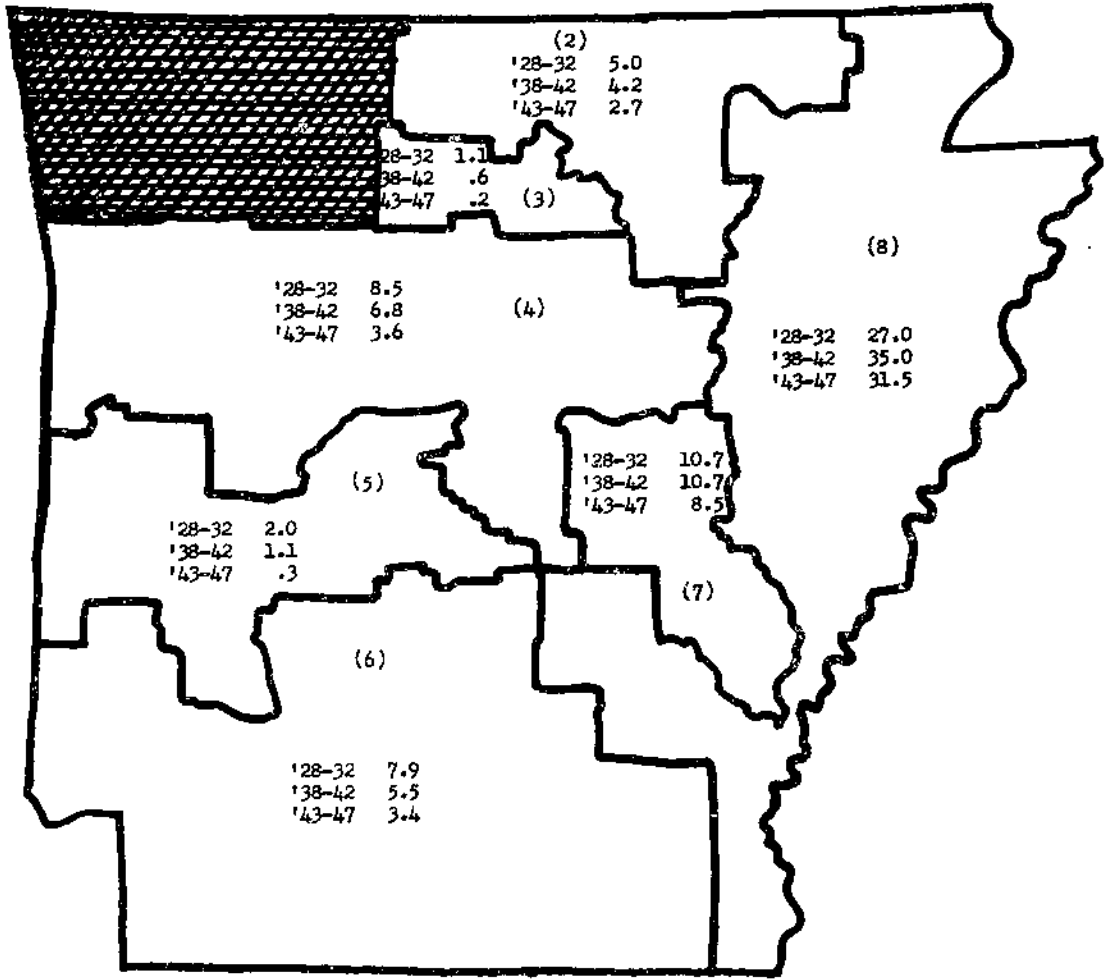
Note: Area numbers shown in parentheses.

Figure 10.—Average tons of cottonseed produced per square mile in Alabama, 5-year averages by farming areas.

Table 9.--Cottonseed production: Arkansas, by regions and farming areas, 5-year averages, 1928-32, 1938-42, and 1943-47

Region and farming area	Size of area	Average production for --					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Arkansas.....	47,986	572,440	11.9	611,799	12.7	495,248	10.3
Delta:							
Area 7.....	2,509	26,812	10.7	26,834	10.7	21,408	8.5
Area 8.....	12,152	328,500	27.0	424,937	35.0	382,816	31.5
Ozark-Ouachita:							
Area 2.....	4,372	22,000	5.0	18,435	4.2	11,755	2.7
Area 3.....	1,274	1,354	1.1	732	.6	262	.2
Area 4.....	9,251	78,567	8.5	62,882	6.8	32,900	3.6
Sandy Lands:							
Area 5.....	5,177	10,217	2.0	5,548	1.1	1,427	.3
Area 6.....	13,251	104,990	7.9	72,431	5.5	44,680	3.4

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.




 No cottonseed production.
Note: Area numbers shown in parentheses.

Figure 11.—Average tons of cottonseed produced per square mile in Arkansas, 5-year averages by farming areas.

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Table 10.--Cottonseed production: Florida, by regions and farming areas, 5-year averages, 1928-32, 1938-42, and 1943-47

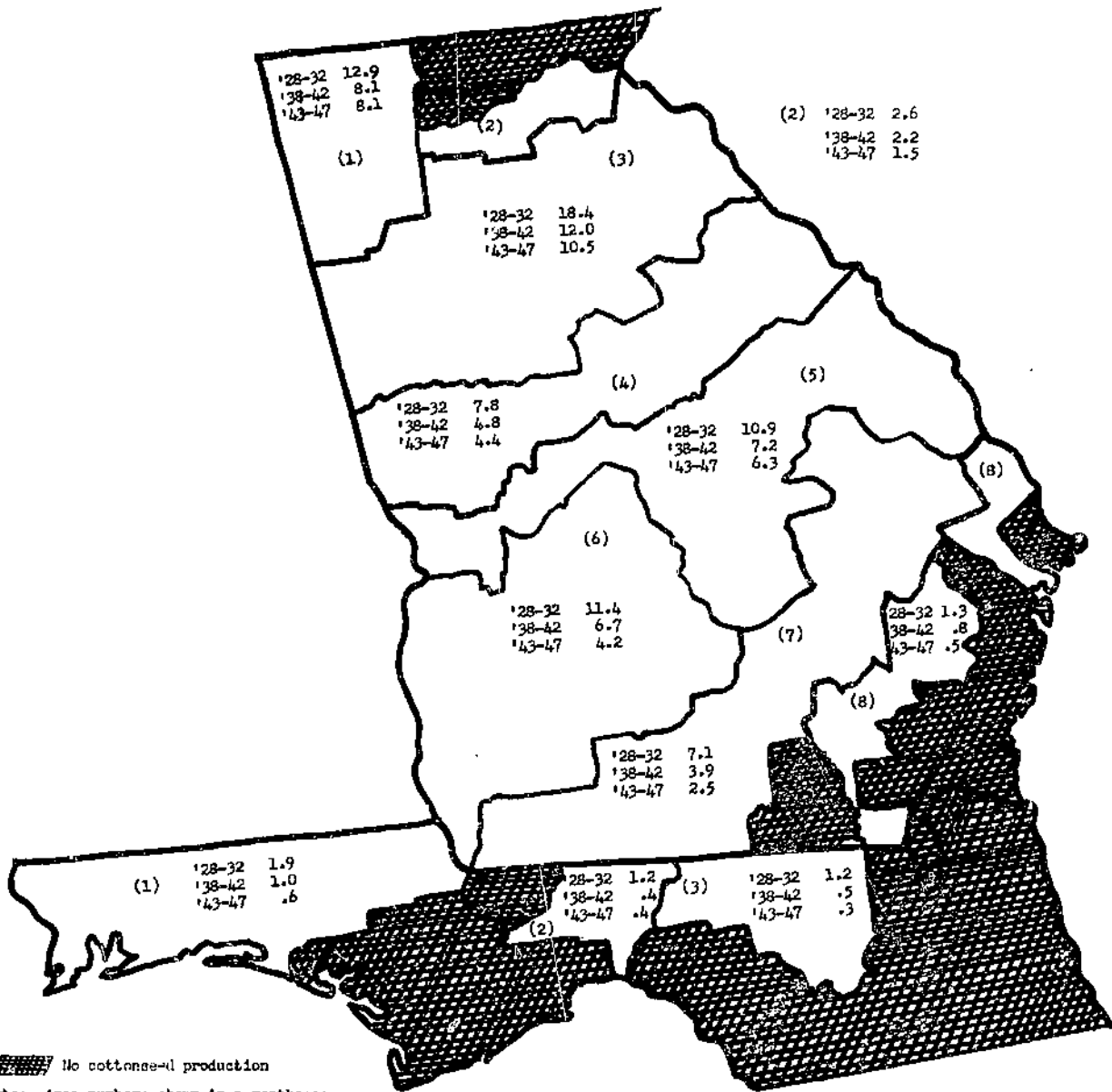
Region and farming area	Size of area	Average production for--					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Florida.....	9,655	15,684	1.6	7,703	0.8	4,538	0.5
Coastal Plains:							
Area 1.....	5,693	10,890	1.9	5,977	1.0	3,335	0.6
Area 2.....	1,283	1,485	1.2	504	.4	454	.4
Area 3.....	2,679	3,309	1.2	1,222	.5	749	.3

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

Table 11.--Cottonseed production: Georgia, by regions and farming areas, 5-year averages, 1928-32, 1938-42, and 1943-47

Region and farming area	Size of area	Average production for--					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Georgia.....	51,895	552,728	10.7	346,929	6.7	281,557	5.4
Coastal Plains:							
Area 5.....	8,914	97,095	10.9	64,395	7.2	56,191	6.3
Area 6.....	9,415	107,049	11.4	62,875	6.7	39,708	4.2
Area 7.....	9,012	64,281	7.1	34,853	3.9	22,507	2.5
Area 8.....	3,222	4,214	1.3	2,411	.8	1,481	.5
Eastern Hilly:							
Area 1.....	3,380	43,741	12.9	29,511	8.1	27,445	8.1
Area 2.....	1,256	3,222	2.6	2,817	2.2	1,940	1.5
Piedmont:							
Area 3.....	9,700	178,850	18.4	116,278	12.0	101,686	10.5
Area 4.....	6,996	54,276	7.8	33,789	4.8	30,599	4.4

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.



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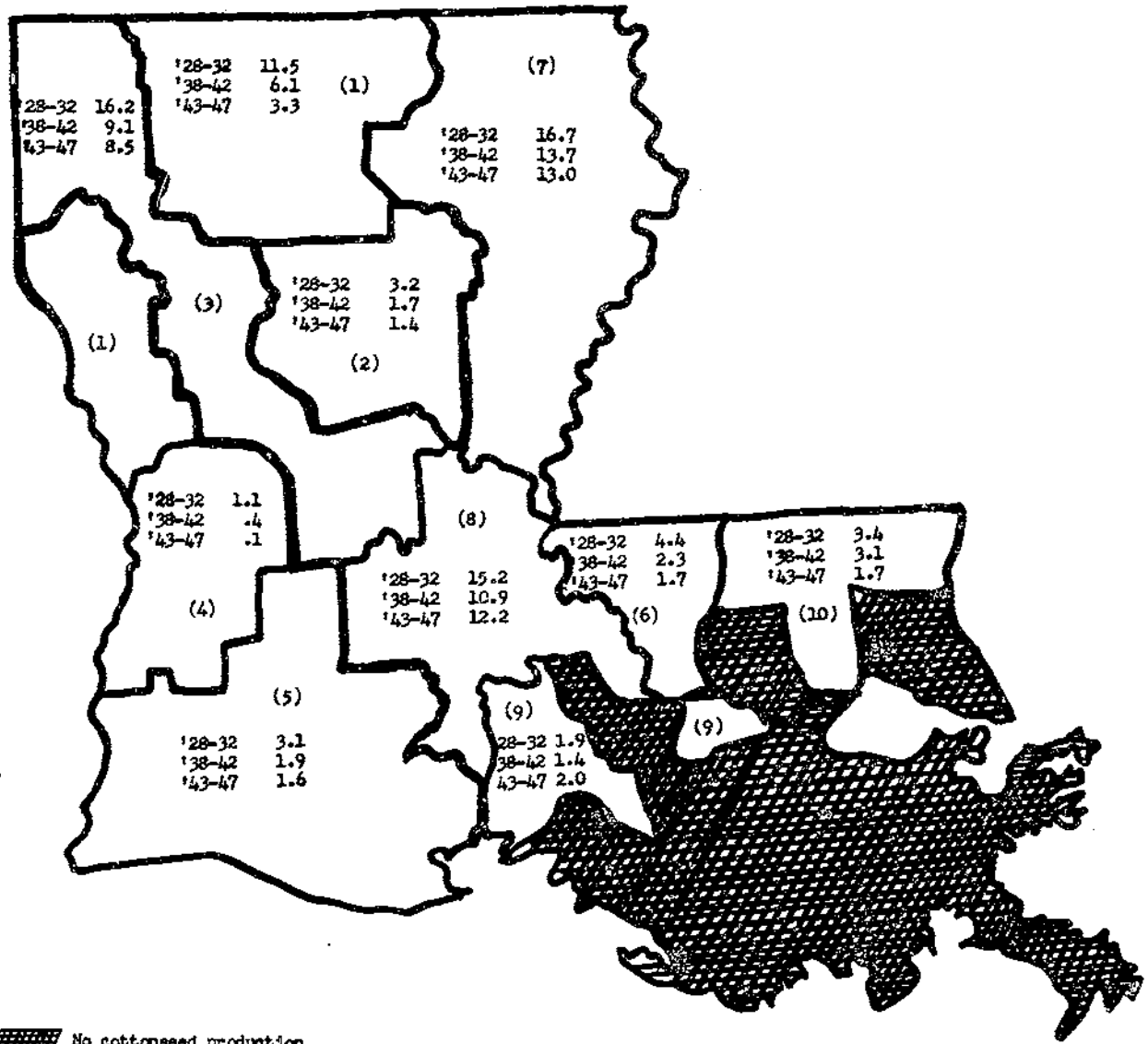
Figure 12.--Average tons of cottonseed produced per square mile in Georgia and Florida, 5-year averages by farming areas.

Table 12.--Cottonseed production: Louisiana, by regions and farming areas, 5-year averages, 1928-32, 1938-42, and 1943-47

Region and farming area	Size of area Sq. miles	Average production for --					
		1928-32		1938-42		1943-47	
		Total Tons	Per sq. mile Tons	Total Tons	Per sq. mile Tons	Total Tons	Per sq. mile Tons
Louisiana.....	36,603	346,221	9.5	230,577	6.3	203,965	5.6
Coastal Plains:							
Area 6.....	1,326	5,768	4.4	2,990	2.3	2,261	1.7
Area 10.....	1,888	6,500	3.4	5,868	3.1	3,292	1.7
Delta:							
Area 3.....	4,780	77,316	16.2	43,668	9.1	40,555	8.5
Area 7.....	6,184	103,315	16.7	85,018	13.7	80,638	13.0
Area 8.....	3,275	49,819	15.2	35,671	10.9	39,982	12.2
Area 9.....	1,827	3,404	1.9	2,614	1.4	3,584	2.0
Gulf Coastal Prairies:							
Area 5.....	5,867	18,407	3.1	11,404	1.9	9,506	1.6
Sandy Lands:							
Area 1.....	6,104	69,976	11.5	37,505	6.1	19,862	3.3
Area 2.....	2,808	8,934	3.2	4,770	1.7	3,955	1.4
Area 4.....	2,544	2,782	1.1	1,069	.4	330	.1

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

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 No cottonseed production

Note: Area numbers shown in parentheses.

Figure 13.—Average tons of cottonseed produced per square mile in Louisiana, 5-year averages by farming areas.

Table 13.--Cottonseed production: Mississippi, by regions and farming areas, 5-year averages, 1928-32, 1938-42, and 1943-47

Region and farming area	Size of area	Average production for --					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Mississippi.....	45,606	756,961	16.6	693,658	15.2	649,751	14.2
Coastal Plains:							
Area 5.....	6,134	64,243	10.5	52,323	8.5	38,920	6.3
Area 6.....	4,434	7,697	1.7	4,697	1.1	3,001	.7
Eastern Hilly:							
Area 2.....	12,281	155,671	12.7	140,747	11.5	120,908	9.8
Area 3.....	11,862	124,622	10.5	88,353	7.4	97,799	8.2
Area 4.....	4,624	64,631	14.0	44,288	9.6	55,811	12.1
Delta:							
Area 1.....	6,271	340,097	54.2	363,250	57.9	333,312	53.2

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

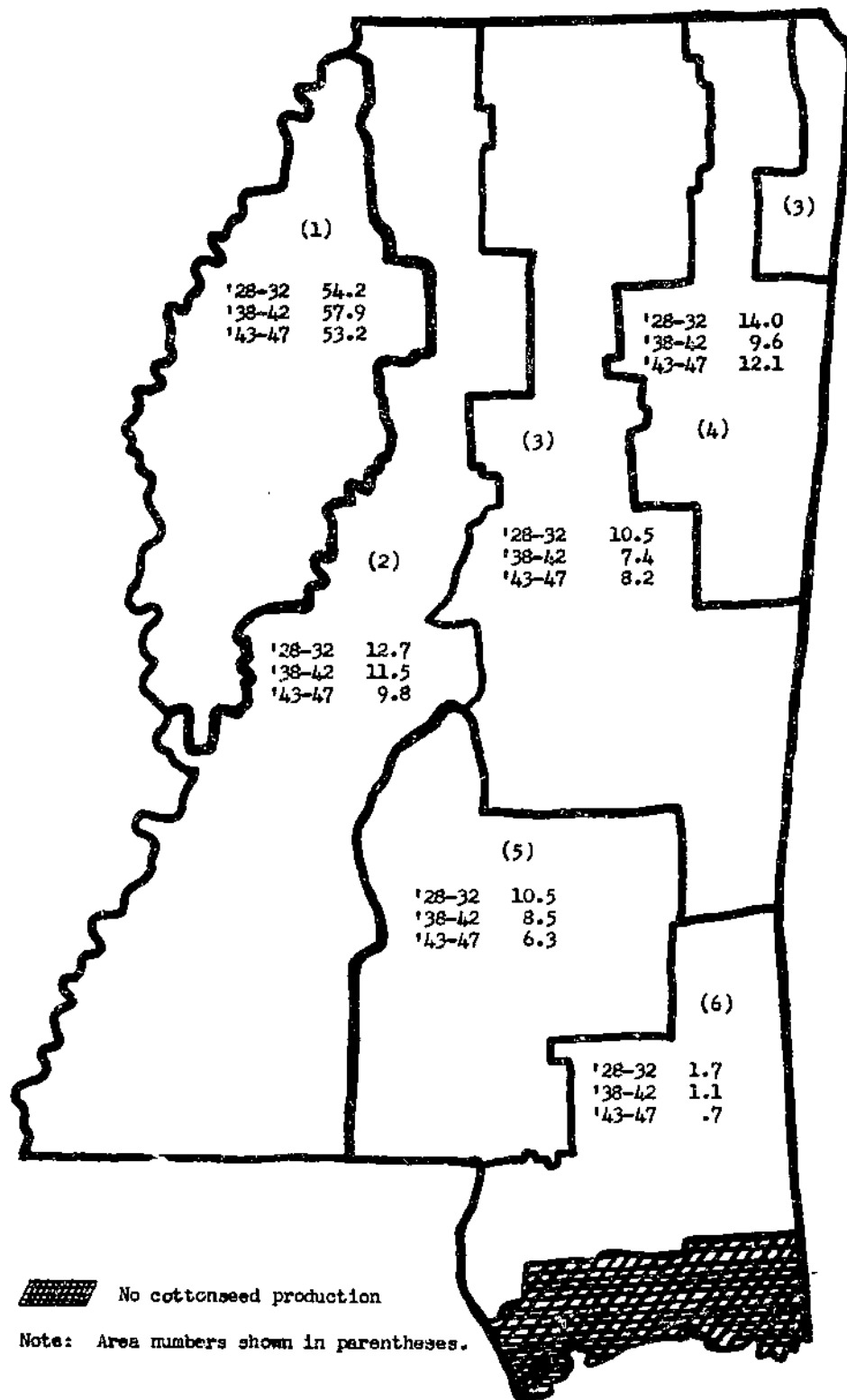


Figure 14.--Average tons of cottonseed produced per square mile in Mississippi, 5-year averages by farming areas.

Table 14.--Cottonseed production: North Carolina, by regions and farming areas, 5-year averages, 1928-32, 1938-42, and 1943-47

Region and farming area	Size of area	Average production for--					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
North Carolina...	34,555	326,279	9.4	232,652	6.7	211,086	6.1
Coastal Plains:							
Area 1.....	2,547	5,433	2.1	4,177	1.6	2,506	1.0
Area 2.....	5,445	8,564	1.6	6,548	1.2	4,347	.8
Area 3.....	3,912	37,708	9.6	24,582	6.3	24,213	6.2
Area 4.....	3,307	44,203	13.4	30,441	9.2	22,541	6.8
Area 5.....	5,368	80,608	15.0	56,530	10.5	52,432	9.8
Eastern Hilly:							
Area 7a.....	761	1,351	1.8	1,323	1.7	1,116	1.5
Piedmont:							
Area 5a.....	2,541	28,321	11.1	22,126	8.7	22,755	9.0
Area 5b.....	3,650	80,647	22.1	60,913	16.7	59,952	16.4
Area 6.....	1,111	2,660	2.4	1,712	1.5	1,171	1.1
Area 7.....	5,913	36,784	6.2	24,300	4.1	20,053	3.4

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

Table 15.--Cottonseed production: Virginia, by regions and farming areas, 5-year averages, 1928-32, 1938-42, and 1943-47

Region and farming area	Size of area	Average production for--					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Virginia.....	4,952	18,732	3.8	8,959	1.8	8,358	1.7
Coastal Plains:							
Area 6.....	507	354	0.7	132	0.3	70	0.1
Area 7.....	2,127	11,087	5.6	5,902	2.8	6,311	3.0
Area 8.....	631	681	1.1	92	.1	47	.1
Piedmont:							
Area 5.....	1,687	5,710	3.4	2,833	1.7	1,930	1.1

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

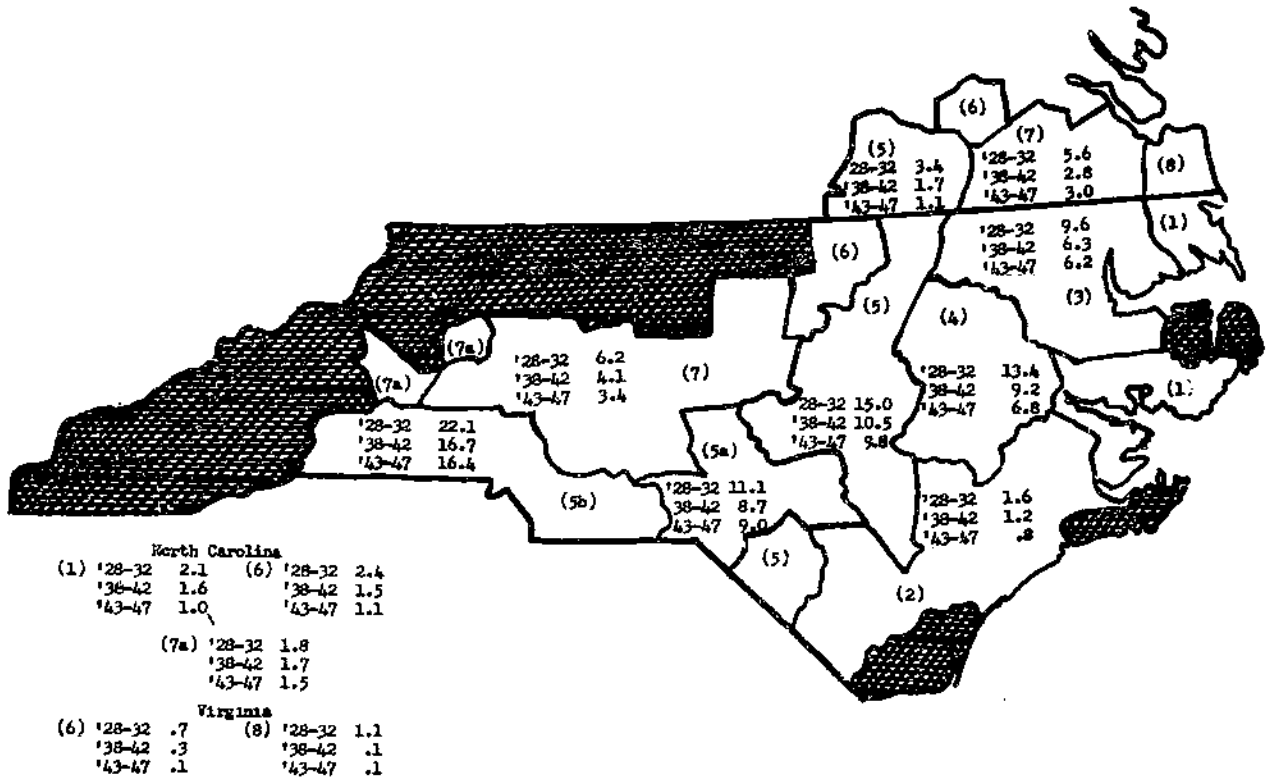


Figure 15.—Average tons of cottonseed produced per square mile in North Carolina and Virginia, 5-year averages by farming areas.

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Table 16.-- Cottonseed production: Oklahoma, by regions and farming areas, 5-year averages, 1928-32, 1938-42, and 1943-47

Region and farming area	Size of area Sq. miles	Average production for --					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Oklahoma.....	51,363	442,882	8.6	279,893	5.4	157,850	3.1
Cross Timbers:							
Area 8.....	3,768	27,584	7.3	23,622	6.3	9,304	2.5
Area 15.....	3,172	17,832	5.6	12,103	3.8	6,288	2.0
Low Plains:							
Area 6.....	4,038	27,148	6.7	11,055	2.7	8,683	2.2
Area 11.....	3,708	102,270	27.6	57,666	15.6	39,726	10.7
Area 12.....	7,018	118,862	16.9	66,996	9.5	42,436	6.0
Oklahoma Prairies:							
Area 3.....	3,468	9,736	2.8	3,890	1.1	2,875	.8
Area 4.....	2,293	2,048	.9	1,986	.9	1,418	.6
Area 5.....	1,965	4,480	2.3	3,447	1.8	1,787	.9
Area 7.....	5,063	32,726	6.5	20,675	4.1	7,834	1.5
Area 13.....	1,373	20,842	15.2	13,182	9.6	6,039	4.4
Ozark-Ouachita:							
Area 9.....	5,713	45,822	8.0	42,391	7.4	20,432	3.6
Area 10.....	782	842	1.1	600	.8	128	.2
Area 14.....	5,037	11,155	2.2	8,272	1.6	3,302	.7
Area 16.....	3,965	21,535	5.4	14,008	3.5	7,598	1.9

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

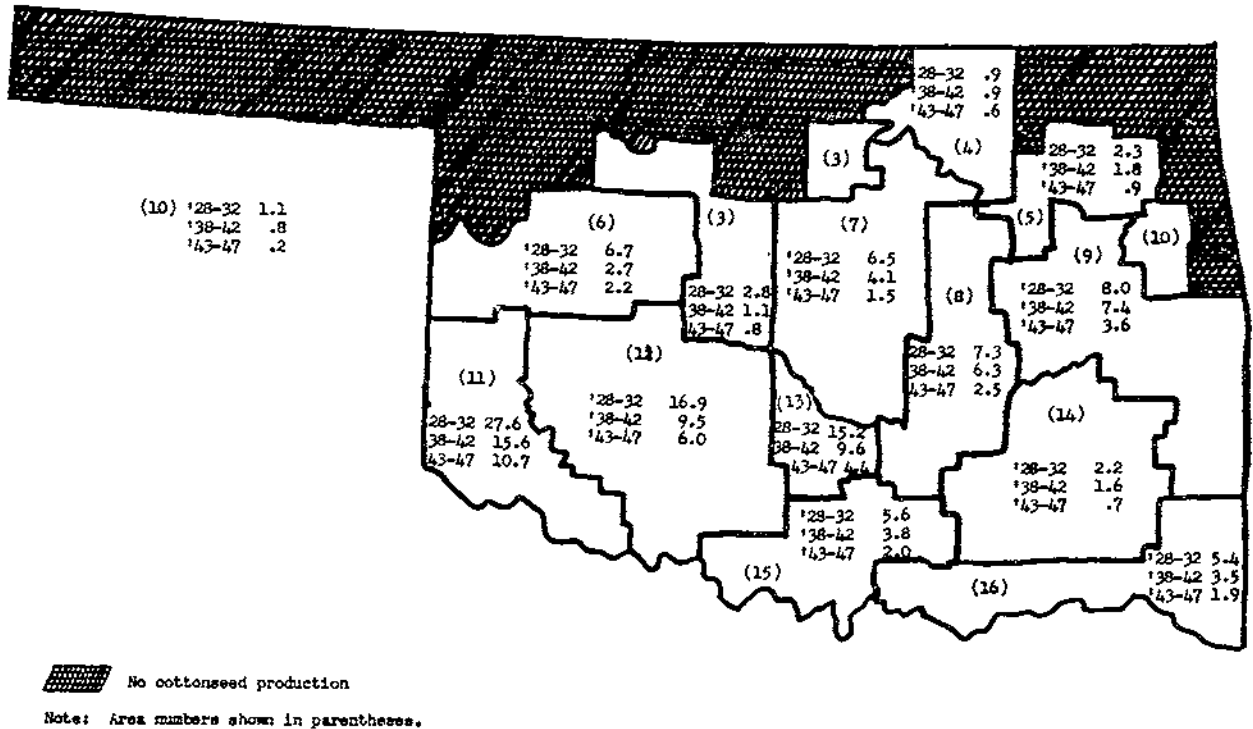


Figure 16.--Average tons of cottonseed produced per square mile in Oklahoma, 5-year averages by farming areas.

Table 17.--Cottonseed production: South Carolina, by regions and farming areas, 5-year averages, 1928-32, 1938-42, 1943-47

Region and farming area	Size of area	Average production for --					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
South Carolina.....	28,164	381,816	13.6	287,148	10.2	288,420	10.2
Coastal Plains:							
Area 2.....	4,140	40,030	9.7	30,246	7.3	32,231	7.8
Area 3a.....	2,819	54,414	19.3	48,174	17.1	62,144	22.0
Area 3b.....	3,437	46,681	13.6	42,192	12.3	45,981	13.4
Area 4.....	3,775	26,561	7.0	24,626	6.5	27,092	7.2
Area 5.....	3,409	7,884	2.3	6,858	2.0	8,196	2.4
Piedmont:							
Area 1.....	10,584	206,246	19.5	135,052	12.8	112,776	10.7

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

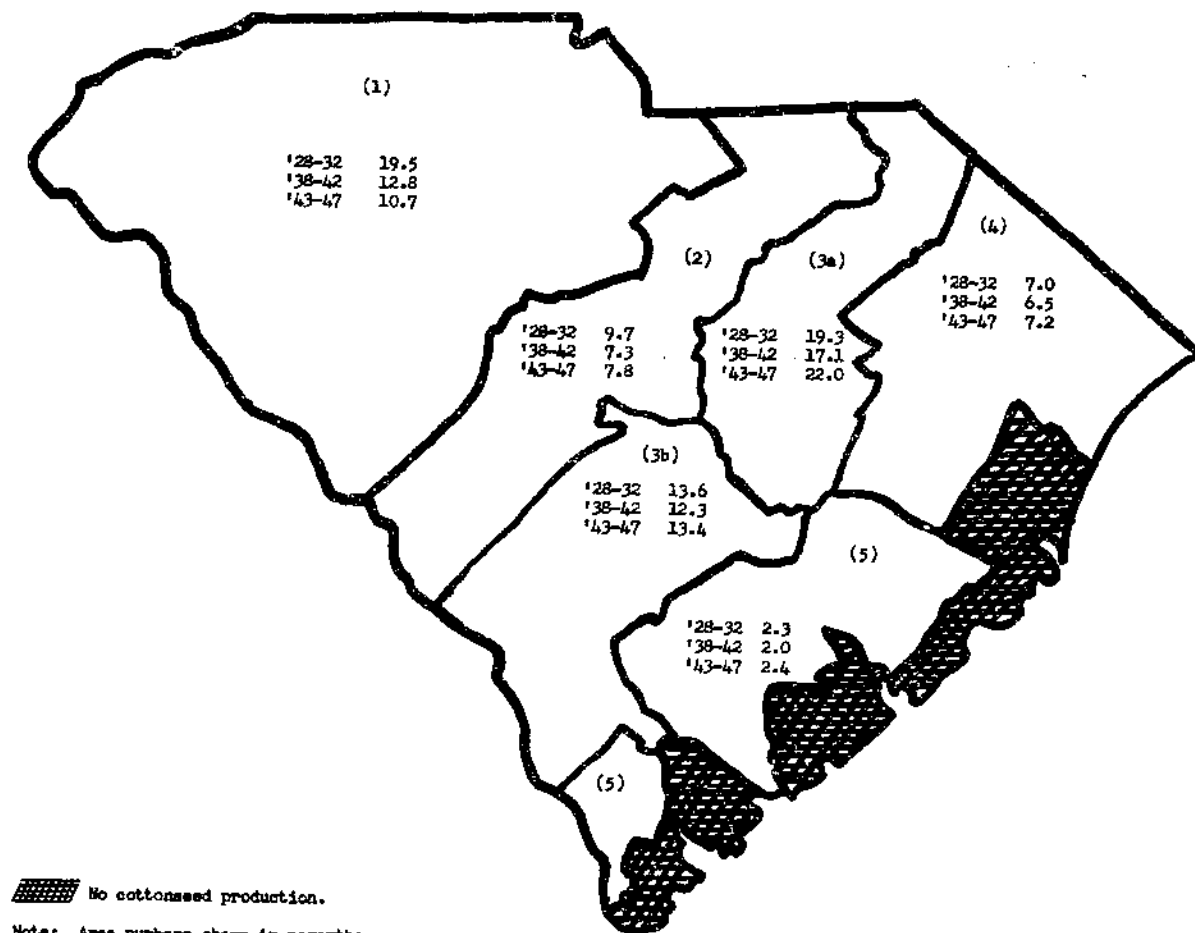
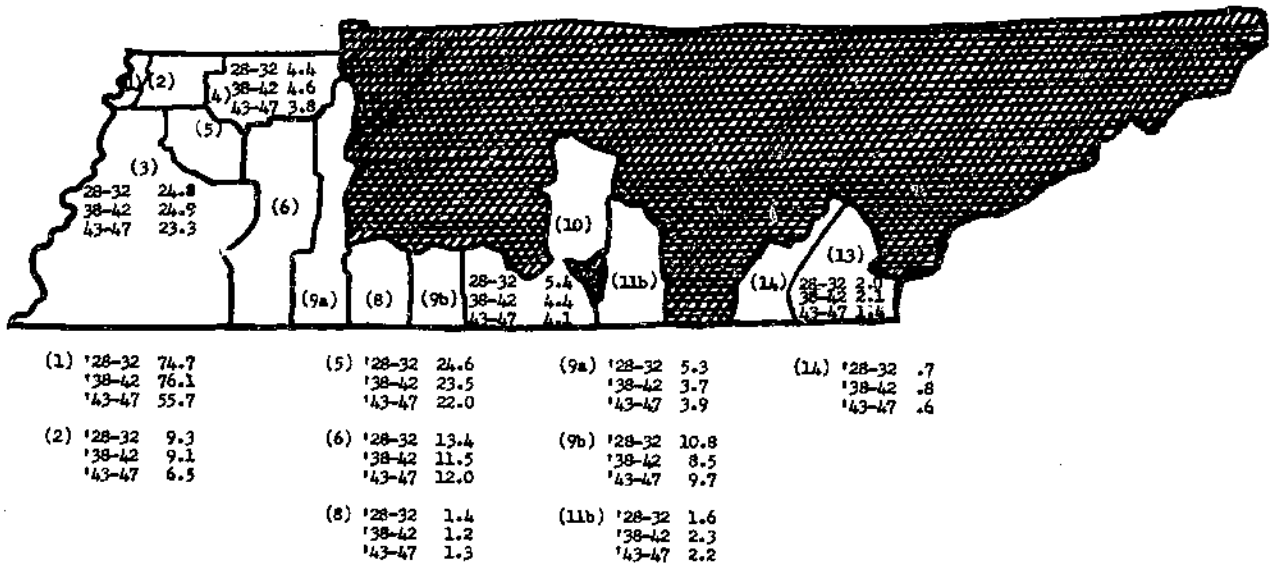


Figure 17.—Average tons of cottonseed produced per square mile in South Carolina, 5-year averages by farming areas.

Table 18.--Cottonseed production: Tennessee, by regions and farming areas, 5-year averages, 1928-32, 1938-42, and 1943-47

Region and farming area	Size of area	Average production for --					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Tennessee.....	17,444	218,520	12.5	209,377	12.0	195,053	11.2
Delta:							
Area 1.....	164	12,246	74.7	12,488	76.1	9,142	55.7
Area 2.....	550	5,101	9.3	4,988	9.1	3,575	6.5
Area 3.....	4,931	122,519	24.8	122,681	24.9	114,689	23.3
Area 4.....	1,175	5,152	4.4	5,421	4.6	4,460	3.8
Area 5.....	607	14,907	24.6	14,264	23.5	13,366	22.0
Eastern Hilly:							
Area 6.....	1,965	26,390	13.4	22,557	11.5	23,558	12.0
Area 8.....	741	1,036	1.4	855	1.2	950	1.3
Area 9a.....	1,371	7,283	5.3	5,139	3.7	5,309	3.9
Area 9b.....	634	6,824	10.8	5,382	8.5	6,166	9.7
Area 10.....	2,312	12,583	5.4	10,095	4.4	9,572	4.1
Area 11b.....	996	1,584	1.6	2,266	2.3	2,168	2.2
Area 13.....	1,209	2,375	2.0	2,589	2.1	1,651	1.4
Area 14.....	789	520	.7	652	.8	447	.6

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.




 No cottonseed production
 Note: Area numbers shown in parentheses.

Figure 18.--Average tons of cottonseed produced per square mile in Tennessee, 5-year averages by farming areas.

Table 19.—Cottonseed production: Texas, by regions and farming areas, 5-year averages, 1928-32, 1938-42 and 1943-47

Region and farming area	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Texas.....	187,506	1,880,377	10.0	1,225,544	6.5	1,011,418	5.4
Sandy Lands:							
Area 15.....	16,660	210,156	12.6	109,069	6.5	43,371	2.6
Area 16.....	9,163	33,820	3.7	14,807	1.6	5,938	.6
Area 17.....	6,905	81,629	11.8	42,579	6.2	28,966	4.2
Gulf Coastal Prairies:							
Area 9.....	3,019	28,326	9.4	36,888	12.2	66,037	21.9
Area 10.....	1,527	68,782	45.0	49,676	32.5	40,598	26.6
Area 18.....	13,872	110,850	8.0	65,959	4.8	55,401	4.0
Blacklands:							
Area 13.....	7,078	51,967	7.3	27,301	3.9	15,017	2.1
Area 14.....	28,806	662,322	23.0	359,110	12.5	309,470	10.7
Cross Timbers:							
Area 12.....	7,334	24,384	3.3	7,427	1.0	3,590	.5
Low Plains:							
Area 4.....	26,262	316,702	12.1	236,040	9.0	173,981	6.6
Area 11.....	6,399	16,644	2.6	10,975	1.7	5,458	.9
High Plains:							
Area 1.....	7,328	24,136	3.3	22,663	3.1	20,655	2.8
Area 2.....	909	2,077	2.3	738	.8	274	.3
Area 3.....	9,095	137,482	15.1	170,635	18.8	175,135	19.3
Grazing Areas:							
Area 5a.....	4,029	6,558	1.6	11,379	2.8	10,950	2.7
Area 5b.....	7,960	5,632	.7	7,208	.9	8,467	1.1
Area 7.....	14,655	48,116	3.3	22,151	1.5	12,853	.9
Area 8.....	15,451	34,992	2.3	12,965	.8	11,272	.7
Irrigated:							
Area 6.....	1,054	15,802	15.0	17,974	17.1	23,985	22.8

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

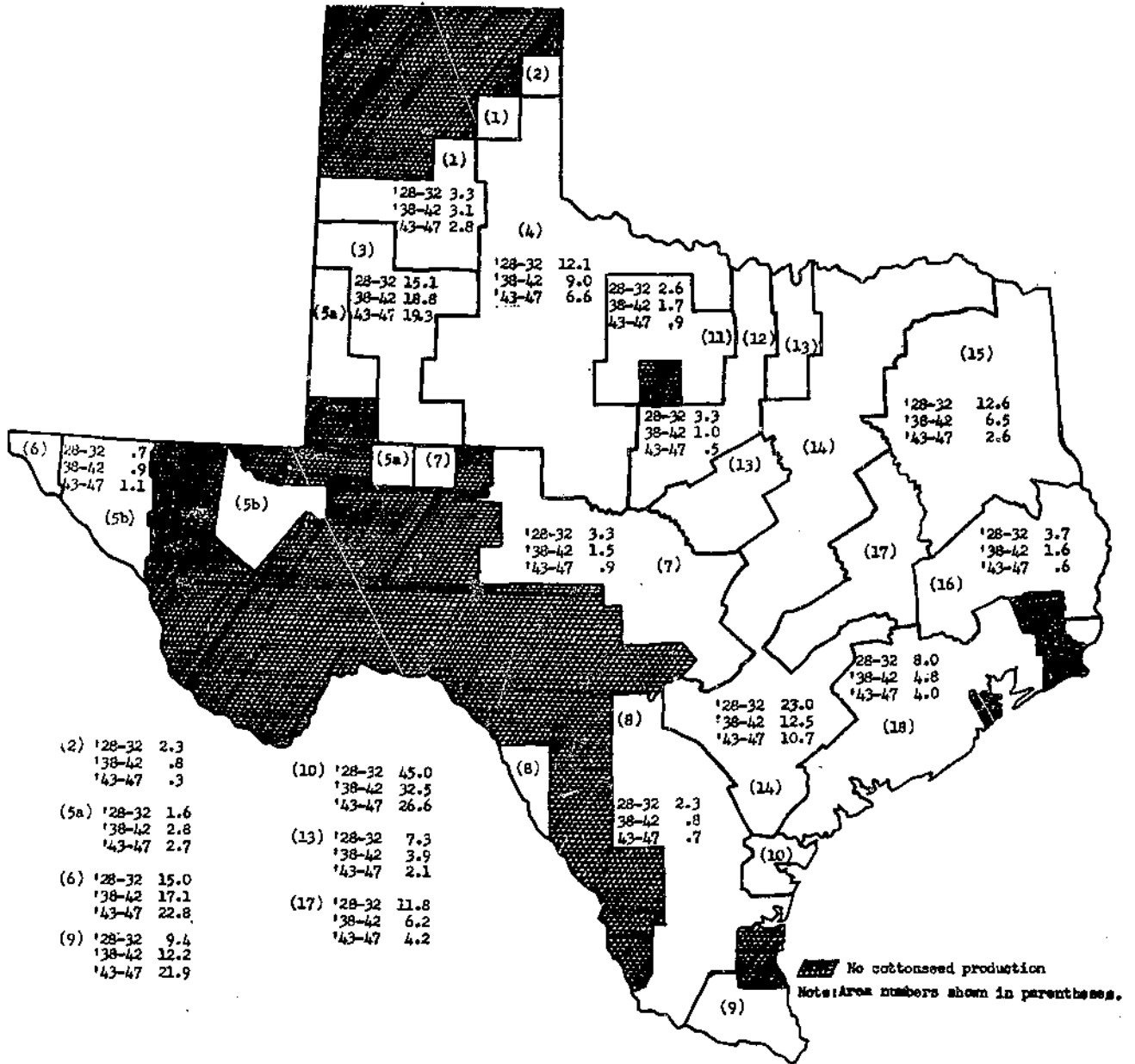


Figure 19.—Average tons of cottonseed produced per square mile in Texas, 5-year averages by farming areas.

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Table 20.--Cottonseed production: Alabama, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47

Region, farming area, and county	: Average production for--							
	: Size of area		: 1928-32		: 1938-42		: 1943-47	
	: Sq. miles	: Tons	: Per		: Per		: Per	
			: Total	: sq. mile	: Total	: sq. mile	: Total	: sq. mile
		Tons	Tons	Tons	Tons	Tons	Tons	
Alabama.....	51,078	533,565	10.4	339,581	6.6	353,798	6.9	
Coastal Plains..	23,815	182,962	7.7	99,738	4.2	82,367	3.5	
Area 6.....	7,931	69,915	8.8	36,149	4.6	39,975	5.0	
Bullock.....	615	4,196	6.8	2,224	3.6	1,739	2.8	
Dallas.....	976	13,031	13.4	7,122	7.3	8,357	8.6	
Greene.....	645	5,416	8.4	2,726	4.2	3,462	5.4	
Hale.....	663	8,394	12.7	4,028	6.1	4,911	7.4	
Lowndes.....	716	5,156	7.2	3,021	4.2	2,976	4.2	
Marengo.....	978	9,482	9.7	4,463	4.6	4,637	4.7	
Montgomery..	790	5,456	6.9	3,746	4.7	3,343	4.2	
Perry.....	734	7,635	10.4	3,114	4.2	3,332	4.5	
Sumter.....	914	6,041	6.6	2,836	3.1	3,832	4.2	
Wilcox.....	900	5,108	5.7	2,869	3.2	3,386	3.8	
Area 7.....	9,795	103,805	10.6	58,940	6.0	39,420	4.0	
Barbour.....	899	6,354	7.1	3,724	4.1	1,906	2.1	
Butler.....	773	7,136	9.2	3,585	4.6	1,895	2.5	
Coffee.....	677	9,399	13.9	4,914	7.3	3,533	5.2	
Conecuh.....	850	5,471	6.4	3,194	3.8	2,240	2.6	
Covington...	1,034	9,682	9.4	4,901	4.7	3,354	3.2	
Crenshaw....	611	7,354	12.0	4,218	6.9	2,309	3.8	
Dale.....	560	5,026	9.0	2,597	4.6	1,120	2.0	
Escambia....	962	5,322	5.5	2,806	2.9	2,054	2.1	
Geneva.....	578	9,330	16.1	5,846	10.1	5,059	8.8	
Henry.....	565	7,878	13.9	4,581	8.1	2,740	4.8	
Houston.....	578	13,399	23.2	8,652	15.0	5,796	10.0	
Monroe.....	1,035	9,254	8.9	4,980	4.8	4,130	4.0	
Pike.....	673	8,200	12.2	4,942	7.3	3,284	4.9	
Area 8.....	3,228	7,422	2.3	3,399	1.1	2,528	0.8	
Choctaw.....	918	3,168	3.5	1,459	1.6	1,300	1.4	
Clarke.....	1,241	3,159	2.5	1,448	1.2	875	.7	
Washington..	1,069	1,095	1.0	492	.5	353	.3	
Area 9.....	2,861	1,820	0.6	1,250	0.4	444	0.2	
Baldwin.....	1,613	842	0.5	612	0.4	222	0.1	
Mobile.....	1,248	978	.8	638	.5	222	.2	

Table 20.—Cottonseed production: Alabama, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47—Continued

Region, farming area, and county	: Average production for—							
	: Size of area		: 1928-32		: 1938-42		: 1943-47	
	Sq. miles	Tons	Total	sq. mile	Total	sq. mile	Total	sq. mile
Alabama—Continued								
Eastern Hilly...	22,936	308,859	13.5	219,081	9.6	252,922	11.0	
Area 1.....	5,036	104,854	20.8	80,856	16.1	103,443	20.5	
Colbert.....	616	9,673	15.7	7,216	11.7	9,123	14.8	
Jackson.....	1,124	10,420	9.3	9,099	8.1	11,524	10.3	
Lauderdale..	688	13,900	20.2	9,144	13.3	10,557	15.3	
Lawrence....	686	14,367	20.9	11,431	16.7	16,452	24.0	
Limestone...	545	18,770	34.4	14,914	27.4	19,592	35.9	
Madison.....	803	23,140	28.8	18,448	23.0	22,943	28.6	
Morgan.....	574	14,584	25.4	10,604	18.5	13,252	23.1	
Area 2.....	3,287	74,297	22.6	61,207	18.6	67,880	20.7	
Blount.....	640	9,518	14.9	8,259	12.9	8,536	13.3	
Cullman.....	743	18,768	25.3	15,252	20.5	18,994	25.6	
De Kalb.....	778	16,916	21.7	14,963	19.2	17,264	22.2	
Etowah.....	555	9,263	16.7	6,761	12.2	5,752	10.4	
Marshall....	571	19,832	34.7	15,972	28.0	17,334	30.4	
Area 3.....	4,519	38,560	8.5	23,464	5.2	21,752	4.8	
Calhoun.....	610	7,934	13.0	3,922	6.4	2,506	4.1	
Cherokee....	600	11,052	18.4	8,576	14.3	9,519	15.9	
Jefferson...	1,118	1,638	1.5	1,286	1.2	1,172	1.0	
St. Clair...	641	4,344	6.8	2,713	4.2	2,345	3.7	
Shelby.....	800	3,754	4.7	1,789	2.2	1,826	2.3	
Talladega...	750	9,838	13.1	5,178	6.9	4,384	5.8	
Area 5.....	10,094	91,148	9.0	53,554	5.3	59,847	5.9	
Autauga.....	599	6,033	10.1	3,503	5.8	2,918	4.9	
Bibb.....	625	2,996	4.8	1,299	2.1	1,443	2.3	
Chilton.....	699	7,770	11.1	3,102	4.4	3,344	4.8	
Elmore.....	628	10,188	16.2	6,302	10.0	6,013	9.6	
Fayette.....	627	4,939	7.9	3,281	5.2	3,740	6.0	
Franklin....	644	7,866	12.2	4,574	7.1	5,756	8.9	
Lamar.....	605	7,080	11.7	4,168	6.9	4,797	7.9	
Macon.....	616	8,641	14.0	4,862	7.9	4,458	7.2	
Marion.....	743	6,492	8.7	3,832	5.2	5,324	7.2	
Pickens.....	887	7,447	8.4	5,156	5.8	6,336	7.1	
Russell.....	639	4,928	7.7	2,872	4.5	2,299	3.6	
Tuscaloosa..	1,340	8,390	6.3	5,244	3.9	6,439	4.8	
Walker.....	809	3,882	4.8	2,527	3.1	3,069	3.8	
Winston.....	633	4,496	7.1	2,832	4.5	3,911	6.2	

Table 20.—Cottonseed production: Alabama, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47—Continued

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Alabama—Continued							
Piedmont (Area 4)	4,327	41,744	9.6	20,762	4.8	18,509	4.3
Chambers.....	598	9,278	15.5	3,692	6.2	4,408	7.4
Clay.....	603	4,600	7.6	2,392	4.0	1,902	3.2
Cleburne.....	574	3,408	5.9	2,042	3.6	1,469	2.6
Coosa.....	648	2,396	3.7	1,065	1.6	704	1.1
Lee.....	612	7,204	11.8	3,462	5.7	2,854	4.7
Randolph.....	581	8,336	14.3	4,619	8.0	4,565	7.9
Tallapoosa.....	711	6,522	9.2	3,490	4.9	2,607	3.7

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

Table 21.—Cottonseed production: Arizona, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47

Region, farming area, and county	Average production for--							
	Size of area		1928-32		1938-42		1943-47	
	Sq. miles	Tons	Total : sq. mile	Tons	Total : sq. mile	Tons	Total : sq. mile	
Arizona (Irrigated)	38,445	63,126	1.6	82,889	2.2	59,898	1.6	
Graham.....	4,610	6,102	1.3	8,074	1.8	5,352	1.2	
Maricopa.....	9,231	35,258	3.8	43,846	4.8	19,688	2.1	
Pima.....	9,241	2,059	.2	5,110	.6	4,750	.5	
Pinal.....	5,378	8,120	1.5	24,126	4.5	29,766	5.5	
Yuma.....	9,985	11,587	1.2	1,733	.2	342	(1)	

¹/ Less than 0.1 ton per square mile.

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

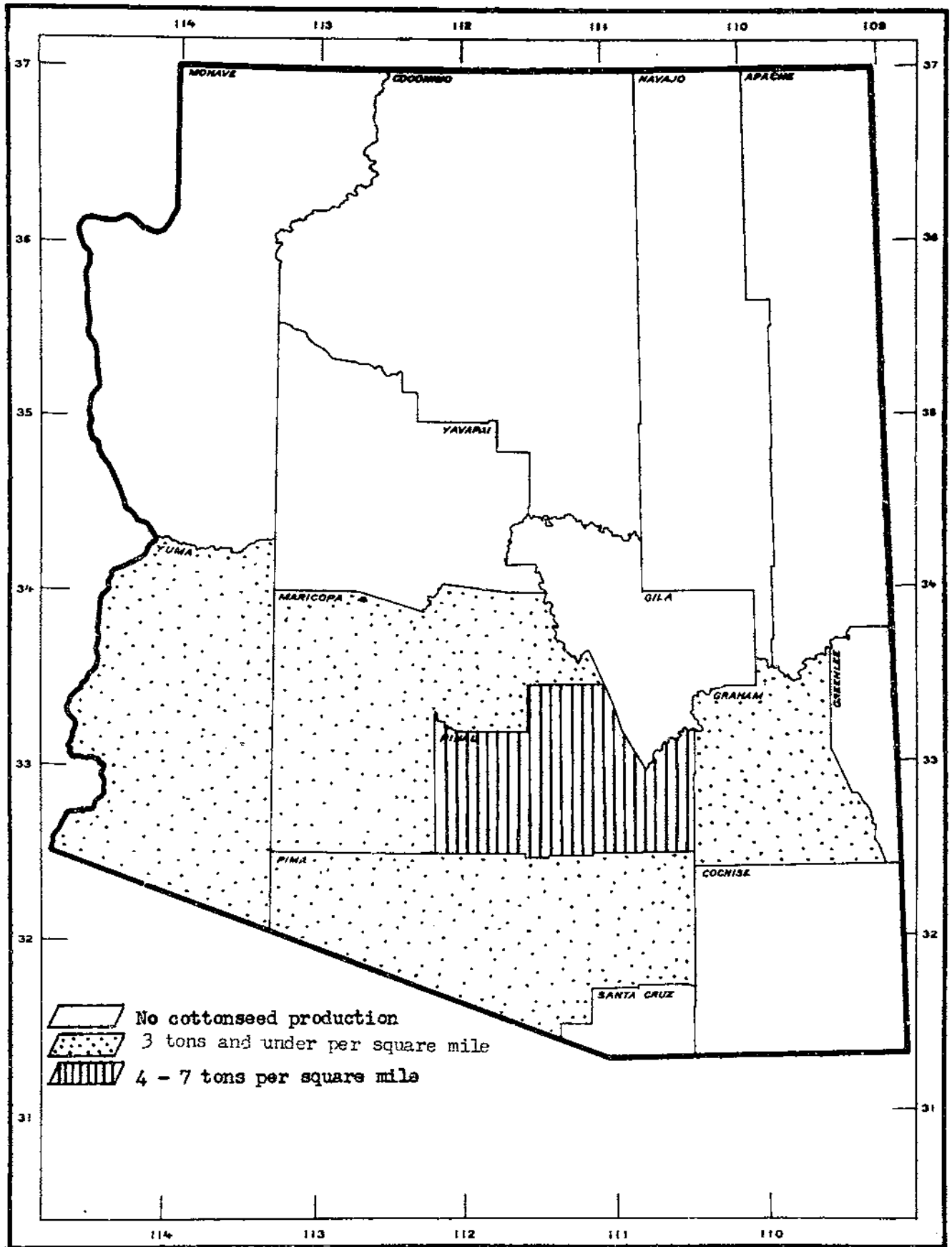


Figure 21.—Average tons of cottonseed produced per square mile in Arizona, by counties, 1943-47.

Table 22.--Cottonseed production: Arkansas, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47

Region, farming area, and county	Size of area	Average production for--					
		1928-32		1938-42		1943-47	
		Total	Per	Total	Per	Total	Per
		Sq. miles	Tons	Sq. mile	Tons	Sq. mile	Tons
Arkansas	47,986	572,440	11.9	611,799	12.7	495,248	10.3
Delta	14,661	355,312	24.2	451,771	30.8	404,224	27.6
Area 7	2,509	26,812	10.7	26,834	10.7	21,408	8.5
Arkansas	1,035	3,150	3.0	3,364	3.3	2,260	2.2
Lonoke	800	19,814	24.8	19,026	23.8	16,480	20.6
Prairie	674	3,848	5.7	4,444	6.6	2,668	4.0
Area 8	12,152	328,500	27.0	424,937	35.0	382,816	31.5
Chicot	647	11,588	17.9	12,560	19.4	10,992	17.0
Clay	650	11,222	17.3	14,791	22.8	12,091	18.6
Craighead	717	22,374	31.2	25,914	36.1	24,984	34.8
Crittenden	623	34,332	55.1	48,618	78.0	43,556	69.9
Cross	626	12,017	19.2	18,073	28.9	14,196	22.7
Desha	776	9,604	12.4	13,712	17.7	14,008	18.1
Greene	579	9,809	16.9	13,514	23.3	11,753	20.3
Jackson	637	15,613	24.5	15,490	24.3	13,616	21.4
Jefferson	890	23,848	26.8	26,254	29.5	26,272	29.5
Lawrence	592	9,458	16.0	9,730	16.4	7,414	12.5
Lee	620	14,114	22.8	19,906	32.1	17,497	28.2
Lincoln	565	11,336	20.1	12,216	21.6	10,527	18.6
Mississippi	919	64,770	70.5	91,342	99.4	75,698	82.4
Monroe	617	9,148	14.8	10,833	17.6	9,468	15.3
Phillips	704	16,728	23.8	23,638	33.6	24,340	34.6
Poinsett	762	19,090	25.1	27,864	36.6	29,780	39.1
St. Francis	636	21,314	33.5	27,698	43.6	25,502	40.1
Woodruff	592	12,135	20.5	12,784	21.6	11,122	18.8
Ozark-Ouachita	14,897	101,921	6.8	82,049	5.5	44,917	3.0
Area 2	4,372	22,000	5.0	18,435	4.2	11,755	2.7
Baxter	571	748	1.3	452	0.8	104	0.2
Fulton	611	1,720	2.8	1,132	1.9	532	.9
Independence	755	6,194	8.2	5,807	7.7	3,264	4.3
Izard	574	3,522	6.1	2,764	4.8	1,448	2.5
Marion	628	787	1.3	313	.5	88	.1
Randolph	637	5,702	9.0	5,534	8.7	4,833	7.6
Sharp	596	3,327	5.6	2,433	4.1	1,486	2.5

Table 22.--Cottonseed production: Arkansas, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47--Continued

Region, farming area, and county	Size of area	Average production for--					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Arkansas--Con.							
Ozark-Ouachita--Con.							
Area 3. . . .	1,274	1,354	1.1	732	0.6	262	0.2
Searcy. . . .	664	554	.8	324	0.5	126	0.2
Stone. . . .	610	800	1.3	408	.7	136	.2
Area 4. . . .	9,251	78,567	8.5	62,882	6.8	32,900	3.6
Cleburne. . .	595	3,320	5.6	2,810	4.7	1,658	2.8
Conway. . . .	560	8,363	14.9	6,678	11.9	3,452	6.2
Crawford. . .	598	2,166	3.6	1,768	3.0	274	.5
Faulkner. . .	656	11,792	18.0	9,142	13.9	5,566	8.5
Franklin. . .	615	1,940	3.2	1,281	2.1	315	.5
Johnson. . . .	676	2,150	3.2	1,242	1.8	302	.4
Logan.	727	4,818	6.6	3,898	5.4	934	1.3
Pope.	816	7,148	8.8	4,206	5.2	2,138	2.6
Pulaski. . . .	781	11,704	15.0	11,001	14.1	7,162	9.2
Sebastian. . .	529	2,334	4.4	1,790	3.4	204	.4
Van Buren. . .	714	2,696	3.8	1,742	2.4	892	1.2
White.	1,042	11,868	11.4	11,648	11.2	7,725	7.4
Yell.	942	8,268	8.8	5,676	6.0	2,278	2.4
Sandy Lands. .	18,428	115,207	6.3	77,979	4.2	46,107	2.5
Area 5.	5,177	10,217	2.0	5,548	1.1	1,427	0.3
Garland. . . .	721	740	1.0	294	0.4	34	(1)
Montgomery. .	801	1,176	1.5	511	.6	80	0.1
Perry.	556	2,274	4.1	1,646	3.0	689	1.2
Pike.	615	2,185	3.6	874	1.4	272	.4
Polk.	860	1,128	1.3	558	.6	116	.1
Saline.	726	996	1.4	503	.7	64	.1
Scott.	898	1,718	1.9	1,162	1.3	172	.2
Area 6.	13,251	104,990	7.9	72,431	5.5	44,680	3.4
Ashley.	933	10,179	10.9	9,126	9.8	7,632	8.2
Bradley. . . .	649	4,079	6.3	2,962	4.6	1,708	2.6
Calhoun. . . .	628	3,132	5.0	2,238	3.6	1,057	1.7
Clark.	878	5,705	6.5	3,478	4.0	2,334	2.7
Cleveland. . .	601	4,700	7.8	3,300	5.5	1,450	2.4

See footnote at end of table.

Table 22.--Cottonseed production: Arkansas, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47--Continued

Region, farming area, and county	Size of area	Average production for--					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Arkansas--Con.							
Sandy Lands--							
Con.							
Area 6--Con.							
Columbia. . .	768	11,098	14.5	7,111	9.3	4,191	5.5
Dallas. . .	672	2,428	3.6	1,540	2.3	769	1.1
Drew. . .	836	5,974	7.1	5,280	6.3	4,122	4.9
Grant. . .	631	2,114	3.4	1,156	1.8	456	.7
Hempstead. .	735	8,730	11.9	6,051	8.2	3,798	5.2
Hot Springs	621	2,148	3.5	1,358	2.2	519	.8
Howard. . .	600	3,970	6.6	2,375	4.0	1,292	2.2
Lafayette. .	537	7,664	14.3	5,590	10.4	4,246	7.9
Little River	544	5,824	10.7	3,743	6.9	1,962	3.6
Miller. . .	627	8,938	14.3	6,808	10.9	4,178	6.7
Nevada. . .	616	6,569	10.7	3,999	6.5	2,054	3.3
Ouachita. . .	738	3,756	5.1	2,273	3.1	1,003	1.4
Sevier. . .	585	2,156	3.7	1,111	1.9	370	.6
Union. . .	1,052	5,826	5.5	2,932	2.8	1,539	1.5

¹/Less than 0.1 ton per square mile.

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

Table 23.--Cottonseed production: Missouri, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47

Region, farming area, and county	Size of area	Average production for--					
		1928-32		1938-42		1943-47	
		Total	Per	Total	Per	Total	Per
	Sq. miles	Tons	sq. mile	Tons	sq. mile	Tons	sq. mile
Missouri.	4,731	117,205	24.8	178,269	37.7	127,264	26.9
Ozark-Ouachita (Area 5), Ripley	639	966	1.5	814	1.3	563	0.9
Delta (Area 9)	4,092	116,239	28.4	177,455	43.4	126,701	31.0
Bulter.	716	3,414	4.8	4,670	6.5	4,534	6.3
Dunklin.	543	31,096	57.3	36,214	66.7	28,177	51.9
Mississippi.	411	6,498	15.8	17,020	41.4	11,182	27.2
New Madrid.	679	19,134	28.2	44,250	65.2	27,636	40.7
Pemiscot.	488	5,730	11.7	16,205	33.2	40,908	83.8
Scott.	418	47,033	112.5	52,208	124.9	5,357	12.8
Stoddard.	837	3,334	4.0	6,888	8.2	8,907	10.6

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

Table 24.--Cottonseed production: Illinois, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47

Region, farming area, and county	Size of area	Average production for--					
		1928-32		1938-42		1943-47	
		Total	Per	Total	Per	Total	Per
	Sq. miles	Tons	sq. mile	Tons	sq. mile	Tons	sq. mile
Illinois (Delta)..	428	518	1.2	1,846	4.3	799	1.9
Alexander.....	224	382	1.7	1,372	6.1	489	2.2
Pulaski.....	204	136	.7	474	2.3	310	1.5

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

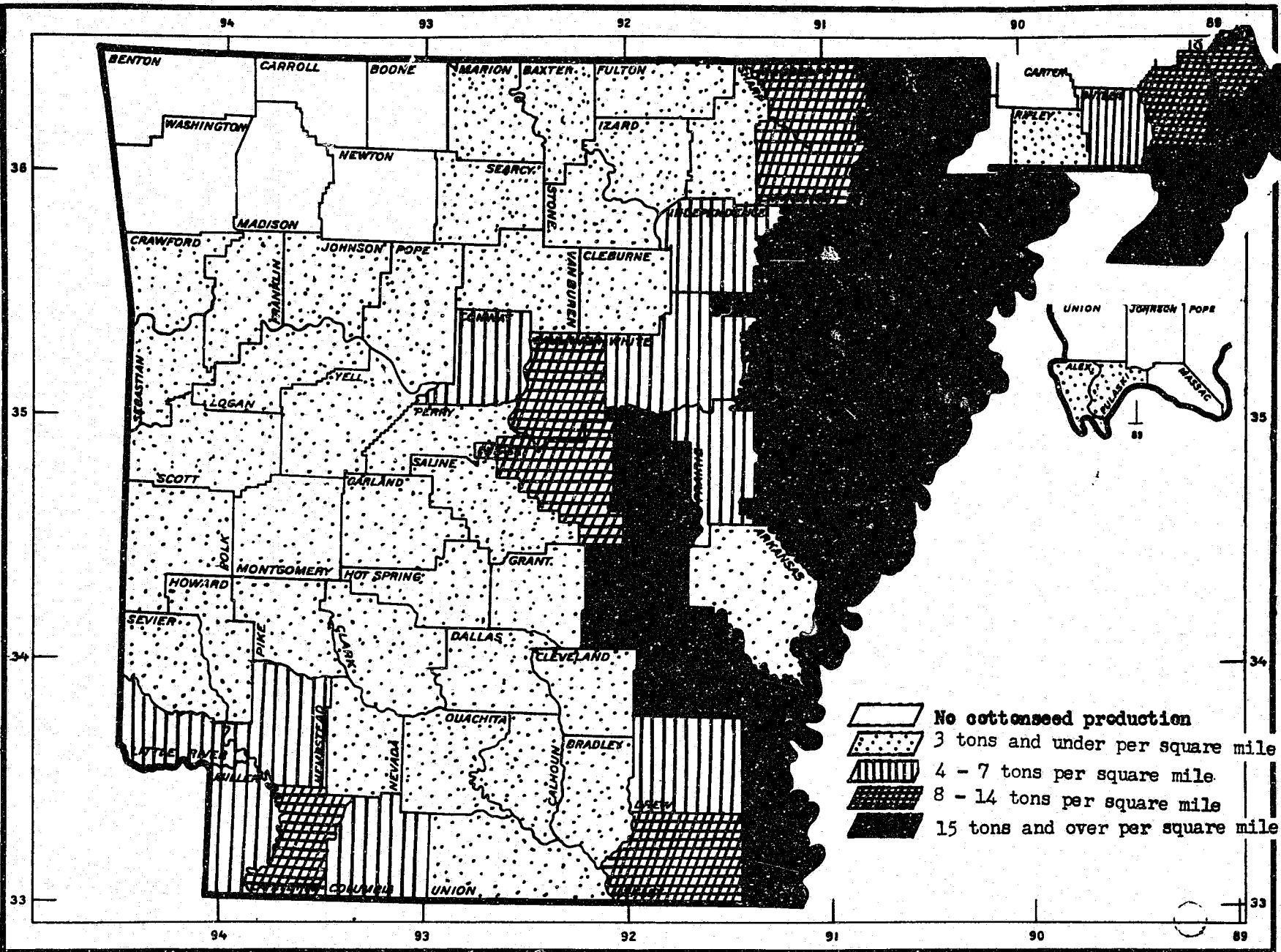


Figure 22.--Average tons of cottonseed produced per square mile in Arkansas, Missouri, and Illinois, by counties, 1943-47.

Table 25.—Cottonseed production: California, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
California (Irrigated).....	35,989	88,870	2.5	178,400	5.0	184,376	5.1
Fresno.....	5,985	15,316	2.6	40,402	6.8	46,184	7.7
Imperial.....	4,284	3,398	.8	1,033	.2	75	(1)
Kern.....	8,170	23,680	2.9	42,472	5.2	55,482	6.8
Kings.....	1,395	8,442	6.1	16,816	12.1	25,294	18.1
Madera.....	2,148	7,823	3.6	22,119	10.3	14,565	6.8
Merced.....	1,983	5,148	2.6	9,088	4.6	4,330	2.2
Riverside.....	7,179	4,507	.6	2,194	.3	458	.1
Tulare.....	4,845	20,556	4.2	44,276	9.1	37,988	7.8

¹/ Less than 0.1 ton per square mile.

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

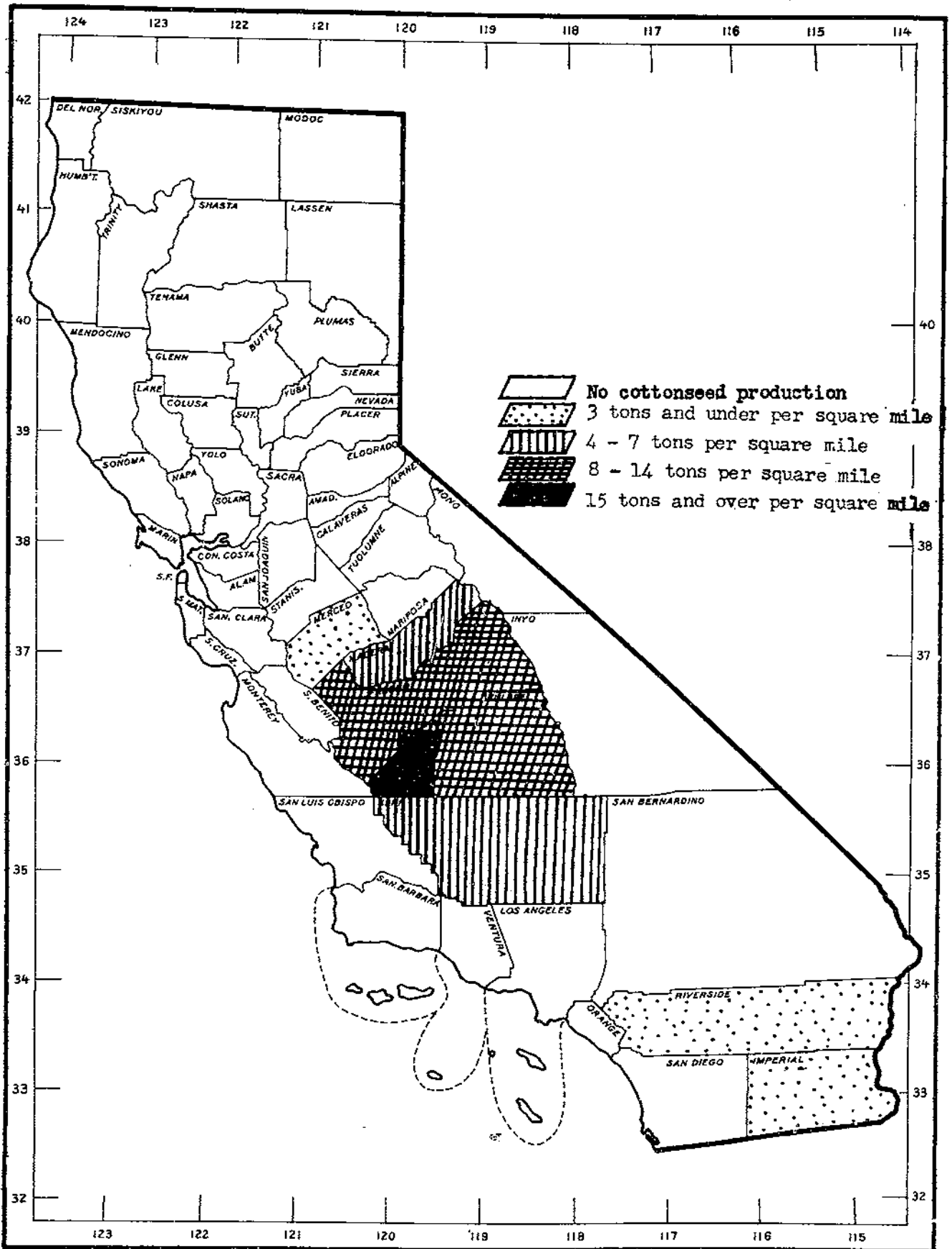


Figure 23.--Average tons of cottonseed produced per square mile in California, by counties, 1943-47.

Table 26.—Cottonseed production: Florida, by regions, farming areas, and counties
5-year averages, 1928-32, 1938-42, and 1943-47

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per	Total	Per	Total	Per
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Florida (Coastal Plains).....	9,655	15,684	1.6	7,703	0.8	4,538	0.5
Area 1.....	5,693	10,890	1.9	5,977	1.0	3,335	0.6
Escambia.....	663	934	1.4	520	0.8	274	0.4
Holmes.....	483	1,698	3.5	1,284	2.7	720	1.5
Jackson.....	942	3,444	3.7	1,758	1.9	994	1.1
Okaloosa.....	938	1,122	1.2	494	.5	322	.3
Santa Rosa....	1,024	2,270	2.2	1,198	1.2	545	.5
Walton.....	1,046	855	.8	459	.4	350	.3
Washington....	597	567	.9	264	.4	130	.2
Area 2.....	1,283	1,485	1.2	504	0.4	454	0.4
Jefferson.....	598	603	1.0	219	0.4	264	0.4
Lion.....	685	882	1.3	285	.4	190	.3
Area 3.....	2,679	3,309	1.2	1,222	0.5	749	0.3
Columbia.....	786	611	0.8	111	0.1	36	(1)
Hamilton.....	514	847	1.6	292	.6	128	0.3
Madison.....	702	1,090	1.6	580	.8	482	.7
Suwannee.....	677	761	1.1	239	.4	103	.2

¹/ Less than 0.1 ton per square mile.

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

Table 27.—Cottonseed production: Georgia, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47

Region, farming area, and county	Average production for—						
	1928-32		1938-42		1943-47		
	Size of area	Per	Size of area	Per	Size of area	Per	
	Sq. miles	Tons	Sq. mile	Tons	Sq. mile	Tons	
Georgia.....	51,895	552,728	10.7	346,929	6.7	281,557	5.4
Coastal Plains..	30,563	272,639	8.9	164,534	5.4	119,887	3.9
Area 5.....	8,914	97,095	10.9	64,395	7.2	56,191	6.3
Bibb.....	251	866	3.5	411	1.6	222	0.9
Bleckley....	219	2,742	12.5	2,162	9.9	1,984	9.1
Burke.....	832	13,787	16.6	11,073	13.3	11,149	13.4
Chattahoochee	253	662	2.6	200	.8	22	.1
Crawford....	313	1,070	3.4	603	1.9	370	1.2
Dodge.....	499	8,163	16.4	4,371	8.8	2,750	5.5
Glascock....	142	2,231	15.7	1,581	11.1	1,556	11.0
Jefferson...	532	8,625	16.2	6,019	11.3	6,327	11.9
Jenkins.....	351	5,963	17.0	4,184	11.9	3,394	9.7
Johnson.....	313	5,098	16.3	4,008	12.8	3,552	11.3
Laurens.....	811	11,487	14.2	8,476	10.5	7,595	9.4
Marion.....	365	2,019	5.5	747	2.0	708	1.9
Muscogee....	220	591	2.7	165	.8	33	.2
Richmond....	325	2,109	6.5	1,507	4.6	1,100	3.4
Screven.....	651	8,183	12.6	5,584	8.6	5,717	8.8
Taylor.....	400	3,699	9.2	2,179	5.4	1,794	4.5
Telfair.....	440	3,809	8.7	1,299	3.0	670	1.5
Treutlen....	194	2,733	14.1	1,274	6.6	1,070	5.5
Twiggs.....	365	1,321	3.6	1,097	3.0	649	1.8
Washington..	674	7,380	10.9	5,026	7.5	4,323	6.4
Wheeler.....	306	2,989	9.8	1,450	4.7	550	1.8
Wilkinson...	458	1,598	3.5	979	2.1	656	1.4
Area 6.....	9,715	107,049	11.4	62,875	6.7	39,708	4.2
Baker.....	255	1,862	5.2	760	2.1	212	0.6
Ben Hill....	255	2,360	9.3	1,437	5.6	694	2.7
Calhoun.....	289	3,381	11.7	1,357	4.7	802	2.8
Clay.....	224	2,292	10.2	1,198	5.3	599	2.7
Crisp.....	296	4,610	15.6	3,386	11.4	2,044	6.9
Dooly.....	394	8,317	21.1	6,254	15.9	4,255	10.8
Dougherty...	326	1,125	3.5	500	1.5	292	.9
Early.....	526	6,359	12.1	4,181	8.0	2,644	5.0
Houston.....	379	3,022	8.0	1,951	5.1	1,097	2.9
Irwin.....	372	4,339	11.7	2,777	7.5	1,630	4.4
Lee.....	355	1,440	4.1	668	1.9	365	1.0
Macon.....	399	5,941	14.9	3,901	9.8	3,602	9.0
Miller.....	287	2,672	9.3	1,379	4.8	588	2.0
Mitchell....	511	6,550	12.8	3,326	6.5	2,091	4.1
Peach.....	151	2,224	14.7	1,247	8.3	592	3.9
Pulaski.....	254	3,004	11.8	2,430	9.6	1,968	7.7
Quitman.....	170	862	5.1	422	2.5	101	.6
Randolph....	436	5,401	12.4	2,412	5.5	1,314	3.0

Table 27.—Cottonseed production: Georgia, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47—Continued

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Georgia—Continued							
Coastal Plains—							
Continued							
Area 6—Con.							
Schley.....	162	2,140	13.2	1,121	6.9	1,054	6.5
Seminole.....	274	1,792	6.5	1,113	4.1	668	2.4
Stewart.....	463	2,395	5.2	841	1.8	412	.9
Sumter.....	491	7,385	15.0	4,029	8.2	2,840	5.8
Terrell.....	329	6,976	21.2	4,111	12.5	3,029	9.2
Tift.....	266	3,440	12.9	2,072	7.8	792	3.0
Turner.....	293	3,281	11.2	1,605	5.5	916	3.1
Webster.....	195	1,179	6.0	432	2.2	114	.6
Wilcox.....	383	6,255	16.3	3,732	9.7	2,032	5.3
Worth.....	580	6,445	11.1	4,233	7.3	2,961	5.1
Area 7.....	9,012	64,281	7.1	34,853	3.9	22,507	2.5
Appling.....	514	2,092	4.1	1,078	2.1	904	1.8
Atkinson.....	318	840	2.6	255	.8	82	.3
Bacon.....	293	1,168	4.0	598	2.0	426	1.5
Berrien.....	466	1,992	4.3	1,007	2.2	395	.8
Brooks.....	492	3,683	7.5	1,853	3.8	1,388	2.8
Bullock.....	684	8,326	12.2	5,918	8.7	4,114	6.0
Candler.....	251	2,929	11.7	1,883	7.5	1,540	6.1
Coffee.....	613	3,402	5.5	1,716	2.8	1,005	1.6
Colquitt.....	563	8,086	14.4	4,834	8.6	3,254	5.8
Cook.....	226	1,679	7.4	781	3.5	314	1.4
Decatur.....	612	1,629	2.7	511	.8	70	.1
Emanuel.....	686	9,147	13.3	5,052	7.4	3,309	4.8
Evans.....	186	1,579	8.5	996	5.4	561	3.0
Grady.....	467	1,421	3.0	773	1.7	258	.6
Jefferson Davis	331	869	2.6	525	1.6	357	1.1
Lanier.....	167	381	2.3	198	1.2	68	.4
Lowndes.....	506	2,337	4.6	927	1.8	473	.9
Montgomery...	235	3,244	13.8	1,216	5.2	632	2.7
Tattnall.....	493	2,352	4.8	1,517	3.1	1,101	2.2
Thomas.....	540	3,134	5.8	1,132	2.1	684	1.3
Toombs.....	369	3,991	10.8	2,083	5.6	1,572	4.3
Area 8.....	3,222	4,214	1.3	2,411	0.8	1,481	0.5
Bryan.....	439	286	0.7	64	0.1	30	0.1
Effingham....	480	710	1.5	471	1.0	430	.9
Long.....	403	211	.5	105	.3	48	.1
Pierce.....	342	1,187	3.5	650	1.9	348	1.0
Ware.....	912	474	.5	203	.2	73	.1
Wayne.....	646	1,346	2.1	918	1.4	552	.9

Table 27.—Cottonseed production: Georgia, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47—Continued

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total : sq. mile	Per : Tons	Total : sq. mile	Per : Tons	Total : sq. mile	Per : Tons
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Georgia—Continued							
Eastern Hilly....	4,636	46,963	10.1	32,328	7.0	29,385	6.3
Area 1.....	3,380	43,741	12.9	29,511	8.1	27,445	8.1
Bartow.....	476	8,809	18.5	6,241	13.1	7,032	14.6
Catoosa.....	167	1,191	7.1	1,014	6.1	678	4.1
Chattooga....	317	4,162	13.1	2,677	8.4	2,560	8.1
Dade.....	165	336	2.0	283	1.7	249	1.5
Floyd.....	514	7,803	15.2	4,457	8.7	3,666	7.1
Gordon.....	358	6,915	19.3	4,786	13.4	4,765	13.3
Murray.....	342	2,488	7.3	2,115	6.2	1,960	5.7
Polk.....	312	6,129	19.6	3,626	11.6	3,392	10.9
Walker.....	448	3,082	6.9	2,343	5.2	1,840	4.1
Whitfield....	281	2,826	10.1	1,969	7.0	1,303	4.6
Area 2.....	1,256	3,222	2.6	2,817	2.2	1,940	1.5
Dawson.....	213	571	2.7	454	2.1	263	1.2
Habersham....	283	697	2.5	594	2.1	402	1.4
Lumpkin.....	292	258	.9	266	.9	140	.5
Pickens.....	225	1,086	4.8	897	4.0	663	2.9
White.....	243	610	2.5	606	2.5	472	1.9
Piedmont.....	16,696	233,126	14.0	150,067	9.0	132,285	7.9
Area 3.....	9,700	178,850	18.4	116,278	12.0	101,686	10.5
Banks.....	231	3,109	13.5	1,988	8.6	1,652	7.2
Barrow.....	171	6,040	35.3	3,907	22.8	3,122	18.3
Butts.....	185	2,799	15.1	1,923	10.4	2,366	12.8
Carroll.....	495	15,564	31.4	8,702	17.6	7,577	15.3
Cherokee.....	428	4,685	10.9	2,411	5.6	1,670	3.9
Clark.....	125	2,476	19.8	1,191	9.5	1,010	8.1
Clayton.....	149	1,823	12.2	909	6.1	866	5.8
Cobb.....	348	6,636	19.1	3,205	9.2	2,130	6.1
Coweta.....	443	5,705	12.9	3,501	7.9	3,696	8.3
DeKalb.....	269	1,902	7.1	816	3.0	494	1.8
Douglas.....	201	2,587	12.9	1,559	7.8	1,084	5.4
Elbert.....	362	5,974	16.5	3,911	10.8	3,524	9.7
Fayette.....	199	3,719	18.7	2,764	13.9	2,908	14.6
Forsyth.....	243	4,872	20.0	3,478	14.3	2,799	11.5
Franklin.....	269	7,243	26.9	4,894	18.2	3,994	14.8
Fulton.....	523	5,394	10.3	2,741	5.2	2,192	4.2
Gwinnett.....	437	9,677	22.1	5,572	12.8	3,890	8.9
Hall.....	426	5,276	12.4	3,491	8.2	2,448	5.7
Haralson.....	285	3,855	13.5	2,696	9.5	1,824	6.4

Table 27.—Cottonseed production: Georgia, by regions, farming areas, and counties
5-year averages, 1928-32, 1938-42, and 1943-47—Continued

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per	Total	Per	Total	Per
	Sq. miles	Tons	sq. mile	Tons	sq. mile	Tons	sq. mile
Georgia—Continued							
Piedmont—Con.							
Area 3—Con.							
Hart.....	257	8,112	31.6	6,789	26.4	6,084	23.7
Heard.....	301	4,053	13.5	1,999	6.6	1,886	6.3
Henry.....	331	7,385	22.3	5,773	17.4	5,654	17.1
Jackson.....	337	8,682	25.8	5,404	16.0	4,420	13.1
Madison.....	281	7,332	26.1	4,878	17.4	4,611	16.4
Morgan.....	356	5,842	16.4	5,119	14.4	5,566	15.6
Newton.....	273	4,836	17.7	3,639	13.3	3,506	12.8
Oconee.....	186	4,419	23.8	2,874	15.5	2,800	15.1
Oglethorpe..	432	5,316	12.3	3,758	8.7	3,019	7.0
Paulding....	318	4,539	14.3	3,093	9.7	2,542	8.0
Rockdale....	128	2,419	18.9	1,707	13.3	1,630	12.7
Spalding....	201	3,060	15.2	1,926	9.6	1,662	8.3
Stephens....	180	2,219	12.3	1,070	5.9	546	3.0
Walton.....	330	11,300	34.2	8,590	26.0	8,514	25.8
Area 4.....	6,996	54,276	7.8	33,789	4.8	30,599	4.4
Baldwin.....	265	1,818	6.9	1,083	4.1	713	2.7
Columbia....	306	2,448	8.0	1,564	5.1	968	3.2
Greene.....	404	2,885	7.1	1,622	4.0	1,372	3.4
Hancock.....	485	3,430	7.1	2,214	4.6	2,111	4.4
Harris.....	465	1,888	4.1	1,015	2.2	684	1.5
Jasper.....	373	2,139	5.7	2,258	6.1	2,146	5.8
Jones.....	402	760	1.9	413	1.0	174	.4
Lamar.....	181	2,115	11.7	1,188	6.6	1,232	6.8
Lincoln.....	253	2,567	10.1	1,505	5.9	1,189	4.7
McDuffie....	263	3,473	13.2	2,286	8.7	2,595	9.9
Meriwether..	499	5,671	11.4	4,027	8.1	4,423	8.9
Monroe.....	399	1,663	4.2	885	2.2	887	2.2
Pike.....	230	4,075	17.7	2,844	12.4	2,796	12.2
Putnam.....	350	1,422	4.1	887	2.5	829	2.4
Talbot.....	390	1,211	3.1	547	1.4	374	1.0
Taliaferro..	195	1,913	9.8	998	5.1	757	3.9
Troup.....	447	3,239	7.2	1,198	2.7	930	2.1
Upson.....	333	1,318	4.0	677	2.0	520	1.6
Warren.....	284	5,410	19.0	3,928	13.8	3,984	14.0
Wilkes.....	472	4,831	10.2	2,650	5.6	1,915	4.1

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

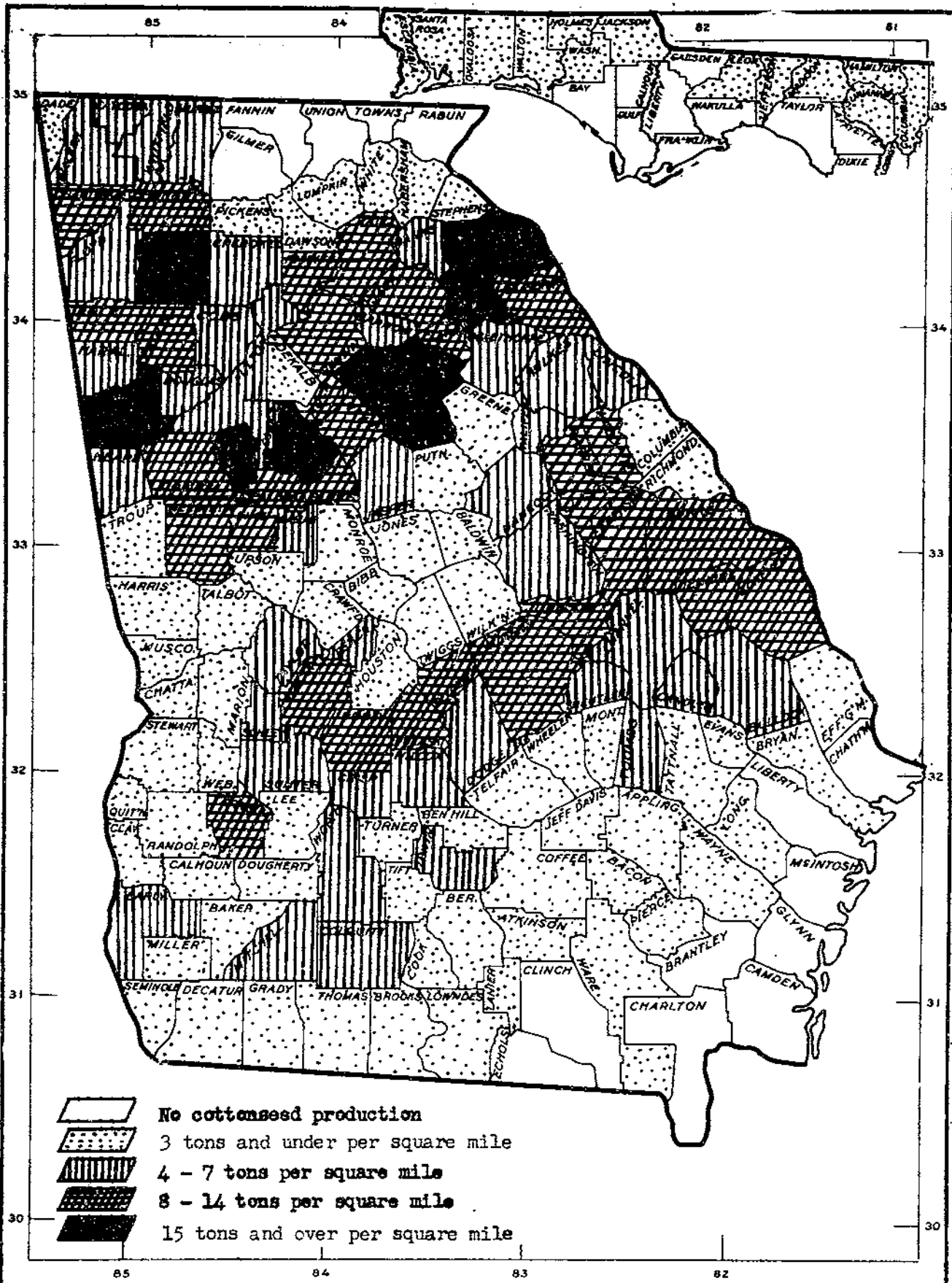


Figure 24.—Average tons of cottonseed produced per square mile in Florida and Georgia, by counties, 1943-47.

Table 28.—Cottonseed production: Louisiana, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47

Region, farming area, and county	Average production for--						
	Size of area	1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Louisiana	36,603	346,221	9.5	230,577	6.3	203,965	5.6
Coastal Plains	3,214	12,268	3.8	8,858	2.8	5,553	1.7
Area 6	1,326	5,768	4.4	2,990	2.3	2,261	1.7
East Baton Rouge	462	1,500	3.2	588	1.3	386	0.8
East Feliciana	454	2,994	6.6	1,774	3.9	1,473	3.2
West Feliciana	410	1,274	3.1	628	1.5	402	1.0
Area 10	1,888	6,500	3.4	5,868	3.1	3,292	1.7
St. Helena	420	798	1.9	780	1.9	426	1.0
Tangipahoa	803	1,180	1.5	1,136	1.4	538	.7
Washington	665	4,522	6.8	3,952	5.9	2,328	3.5
Delta	16,066	233,854	14.6	166,971	10.4	164,759	10.3
Area 3	4,780	77,316	16.2	43,668	9.1	40,555	8.5
Bossier	841	14,185	16.9	8,208	9.8	6,470	7.7
Caddo	900	27,522	30.6	15,498	17.2	13,586	15.1
Natchitoches	1,297	15,831	12.2	9,526	7.3	10,521	8.1
Rapides	1,329	10,158	7.6	5,374	4.0	5,714	4.3
Red River	413	9,620	23.3	5,062	12.3	4,264	10.3
Area 7	6,184	103,315	16.7	85,018	13.7	80,638	13.0
Catahoula	732	5,206	7.1	3,841	5.2	3,505	4.8
Concordia	709	5,384	7.6	3,846	5.4	3,879	5.5
East Carroll	432	12,272	28.4	9,842	22.8	9,544	22.1
Franklin	648	20,262	31.3	15,403	23.8	14,102	21.8
Madison	662	8,365	12.6	7,502	11.3	6,802	10.3
Morehouse	804	10,928	13.6	10,553	13.1	10,263	12.8
Ouachita	642	6,802	10.6	4,714	7.3	4,552	7.1
Richland	576	15,692	27.2	13,150	22.8	13,036	22.6
Tensas	623	9,784	15.7	8,049	12.9	8,042	12.9
West Carroll	356	8,620	24.2	8,118	22.8	6,913	19.4
Area 8	3,275	49,819	15.2	35,671	10.9	39,982	12.2
Avoyelles	826	11,120	13.5	7,940	9.6	8,736	10.6
Evangeline	672	9,112	13.6	6,570	9.8	6,559	9.8
Lafayette	283	8,842	31.2	5,634	19.9	6,716	23.7
Pointe Coupee	564	4,661	8.3	3,648	6.5	3,945	7.0
St. Landry	930	16,084	17.3	11,879	12.8	14,026	15.1

Table 28.—Cottonseed production: Louisiana, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47—Continued

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Louisiana—Con. . .							
Delta—Con. . . .							
Area 9.	1,827	3,404	1.9	2,614	1.4	3,584	2.0
Ascension . . .	300	190	0.6	56	0.2	47	0.2
Iberia.	588	724	1.2	300	.5	413	.7
St. Martin. . .	738	2,327	3.2	2,086	2.8	2,861	3.9
West Baton Rouge. . .	201	163	.8	172	.9	263	1.3
Gulf Coastal Prairies							
(Area 5)	5,867	18,407	3.1	11,404	1.9	9,506	1.6
Acadia.	662	7,316	11.1	5,546	8.4	5,742	8.7
Allen.	775	977	1.3	598	.8	308	.4
Calcasieu . . .	1,104	1,671	1.5	491	.4	96	.1
Cameron	1,444	1,476	1.0	568	.4	226	.2
Jefferson							
Davis.	658	2,129	3.2	1,055	1.6	472	.7
Vermilion . .	1,224	4,838	4.0	3,146	2.6	2,662	2.2
Sandy Lands . . .	11,456	81,692	7.1	43,744	3.8	24,147	2.1
Area 1.	6,104	69,976	11.5	37,505	6.1	19,862	3.3
Bienville . .	826	10,617	12.9	4,850	5.9	2,284	2.8
Claiborne . .	766	13,585	17.7	7,327	9.6	4,222	5.5
DeSoto. . . .	899	10,484	11.7	6,668	7.4	3,662	4.1
Jackson . . .	583	3,685	6.3	1,488	2.6	580	1.0
Lincoln . . .	469	9,529	20.3	4,879	10.4	2,488	5.3
Sabine. . . .	1,029	4,990	4.8	2,436	2.4	1,107	1.1
Union	906	8,356	9.2	5,233	5.8	3,044	3.4
Webster . . .	626	8,730	13.9	4,624	7.4	2,475	4.0
Area 2.	2,808	8,934	3.2	4,770	1.7	3,955	1.4
Caldwell. . .	550	2,900	5.3	2,010	3.7	1,868	3.4
Grant	670	2,698	4.0	1,319	2.0	1,420	2.1
LaSalle . . .	638	461	.7	323	.5	119	.2
Winn.	950	2,875	3.0	1,118	1.2	548	.6
Area 4.	2,544	2,782	1.1	1,069	0.4	330	0.1
Beauregard. .	1,184	1,236	1.0	265	0.2	50	(1)
Vernon. . . .	1,360	1,546	1.1	804	.6	280	0.2

¹/₁₀ Less than 0.1 ton per square mile.

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

Table 29.—Cottonseed production: Mississippi, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Mississippi	45,606	756,961	16.6	693,658	15.2	649,751	14.2
Coastal Plains	10,568	71,940	6.8	57,020	5.4	41,921	4.0
Area 5	6,134	64,243	10.5	52,323	8.5	38,920	6.3
Covington	416	6,584	15.8	4,804	11.5	3,505	8.4
Jasper	683	5,672	8.3	3,230	4.7	2,450	3.6
Jones	706	7,400	10.5	5,118	7.2	3,203	4.5
Jefferson							
Davis	414	6,892	16.6	6,172	14.9	5,514	13.3
Lamar	500	2,030	4.1	1,794	3.6	960	1.9
Lawrence	433	5,066	11.7	4,060	9.4	3,081	7.1
Marion	550	6,192	11.3	5,480	10.0	3,452	6.3
Rankin	800	4,884	6.1	4,323	5.4	3,588	4.5
Simpson	587	6,485	11.0	5,253	8.9	4,249	7.2
Smith	642	6,146	9.6	5,303	8.3	4,014	6.3
Walthall	403	6,892	17.1	6,786	16.8	4,904	12.2
Area 6	4,434	7,697	1.7	4,697	1.1	3,001	0.7
Forrest	469	1,174	2.5	786	1.7	354	0.8
George	481	1,188	2.5	511	1.1	131	.3
Greene	728	654	.9	354	.5	167	.2
Pearl River	828	434	.5	436	.5	87	.1
Perry	653	1,001	1.5	620	.9	366	.6
Stone	448	236	.5	133	.3	14	(1)
Wayne	827	3,010	3.6	1,857	2.2	1,882	2.3
Eastern Hilly	28,767	344,924	12.0	273,388	9.5	274,518	9.5
Area 2	12,281	155,671	12.7	140,747	11.5	120,908	9.8
Adams	448	2,956	6.6	1,688	3.8	1,246	2.8
Amite	729	5,759	7.9	4,777	6.6	3,144	4.3
Carroll	638	6,015	9.4	4,910	7.7	5,121	8.0
Claiborne	486	3,370	6.9	2,512	5.2	1,904	3.9
Copiah	781	4,010	5.1	3,466	4.4	2,320	3.0
DeSoto	478	15,076	31.5	16,963	35.5	14,634	30.6
Franklin	568	2,330	4.1	1,511	2.7	910	1.6
Grenada	447	4,604	10.3	3,192	7.1	3,490	7.8
Hinds	877	13,552	15.5	11,727	13.4	9,389	10.7
Holmes	764	18,300	24.0	15,664	20.5	14,064	18.4
Jefferson	520	4,134	8.0	2,526	4.9	1,963	3.8
Lincoln	586	5,940	10.1	4,701	8.0	2,892	4.9
Madison	751	14,948	19.9	11,836	15.8	10,494	14.0
Panola	704	12,760	18.1	15,452	21.9	14,236	20.2
Pike	410	5,356	13.1	4,305	10.5	2,476	6.0

See footnote at end of table.

Table 29.--Cottonseed production: Mississippi, by regions, farming areas, and counties, 5-year average, 1928-32, 1938-42, and 1943-47--Continued

Region, farming area, and county	Size of area	Average production for--					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Mississippi--Con.							
Eastern Hilly--							
Con.							
Area 2--Con.							
Tate	411	8,592	20.9	10,323	25.1	9,503	23.1
Warren	566	3,722	6.6	3,182	5.6	2,370	4.2
Wilkinson	675	2,300	3.4	1,554	2.3	1,568	2.3
Yalobusha	504	3,790	7.5	3,236	6.4	3,573	7.1
Yazoo	938	18,157	19.4	17,222	18.4	15,611	16.6
Area 3.	11,852	124,622	10.5	88,353	7.4	97,799	8.2
Attala	724	6,445	8.9	4,458	6.2	5,027	6.9
Benton	412	3,800	9.2	3,261	7.9	3,676	8.9
Calhoun	592	4,072	6.9	3,748	6.3	4,789	8.1
Choctaw	417	2,530	6.1	1,338	3.2	1,540	3.7
Clarke	697	3,164	4.5	1,455	2.1	1,442	2.1
Itawamba	541	5,520	10.2	3,548	6.6	5,082	9.4
Kemper	757	6,266	8.3	3,325	4.4	3,877	5.1
Lafayette	679	5,489	8.1	5,127	7.6	5,366	7.9
Lauderdale	721	5,610	7.8	2,102	2.9	1,970	2.7
Leake	586	8,080	13.8	5,994	10.2	6,587	11.2
Marshall	710	9,900	13.9	9,231	13.0	9,829	13.8
Montgomery	403	4,106	10.2	2,466	6.1	2,724	6.8
Neahoba	568	9,952	17.5	6,318	11.1	6,425	11.3
Newton	580	7,822	13.5	4,652	8.0	3,812	6.6
Pontotoc	501	7,748	15.5	5,980	11.9	7,194	14.4
Scott	615	5,837	9.5	4,612	7.5	4,209	6.8
Tippah	464	7,458	16.1	5,790	12.5	6,046	13.0
Tishomingo	451	4,556	10.1	3,302	7.3	4,050	9.0
Union	422	7,274	17.2	5,688	13.5	6,596	15.6
Webster	416	3,425	8.2	2,306	5.5	2,878	6.9
Winston	606	5,568	9.2	3,652	6.0	4,680	7.7
Area 4	4,624	64,631	14.0	44,288	9.6	55,811	12.1
Alcorn	405	6,706	16.6	5,180	12.8	5,572	13.8
Chickasaw	506	5,728	11.3	4,374	8.6	5,165	10.2
Clay	414	4,182	10.1	2,460	5.9	3,240	7.8
Lee	455	13,048	28.7	9,110	20.0	10,958	24.1
Lowndes	508	6,874	13.5	4,032	7.9	5,512	10.9
Monroe	769	10,394	13.5	8,422	11.0	10,314	13.4
Noxubee	695	8,152	11.7	4,658	6.7	6,210	8.9
Oktibbeha	454	2,784	6.1	1,252	2.8	1,790	3.9
Prentiss	418	6,763	16.2	4,800	11.5	7,050	16.9

Table 29.—Cottonseed production: Mississippi, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47—Continued

Region, farming area, and county	Average production for--						
	Size of area		1928-32		1938-42		1943-47
	Sq. miles	Tons	Total : sq. mile	Tons	Total : sq. mile	Tons	Per
Mississippi--Con.							
Delta (Area 1) . . .	6,271	340,097	54.2	363,250	57.9	333,312	53.2
Bolivar	917	64,576	70.4	63,305	69.0	53,644	58.5
Coahoma	570	40,040	70.2	43,468	76.3	42,248	74.1
Humphreys	410	19,464	47.5	20,571	50.2	20,607	50.3
Issaquena	415	4,380	10.6	5,506	13.3	4,660	11.2
Leflore	588	37,377	63.6	36,019	61.3	33,661	57.2
Quitman	412	19,942	48.4	25,222	61.2	24,458	59.4
Sharkey	436	13,170	30.2	14,053	32.2	12,384	28.4
Sunflower	693	59,984	86.6	59,610	86.0	52,772	76.2
Tallahatchie	644	23,024	35.8	25,522	39.6	24,512	38.1
Tunica	458	19,862	43.4	28,780	62.8	25,448	55.6
Washington	728	38,278	52.6	41,194	56.6	38,918	53.5

¹/Less than 0.1 ton per square mile.

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

Table 30.—Cottonseed production: New Mexico, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
		Sq. miles	Tons	Sq. miles	Tons	Sq. miles	Tons
New Mexico (Irrigated)	17,018	38,549	2.3	40,415	2.4	50,253	3.0
Chaves	6,094	7,224	1.2	10,118	1.7	11,944	2.0
Dona Ana	3,804	19,686	5.2	21,192	5.6	28,703	7.5
Eddy	4,163	11,404	2.7	8,397	2.0	7,934	1.9
Luna	2,957	235	.1	708	.2	1,672	.6

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

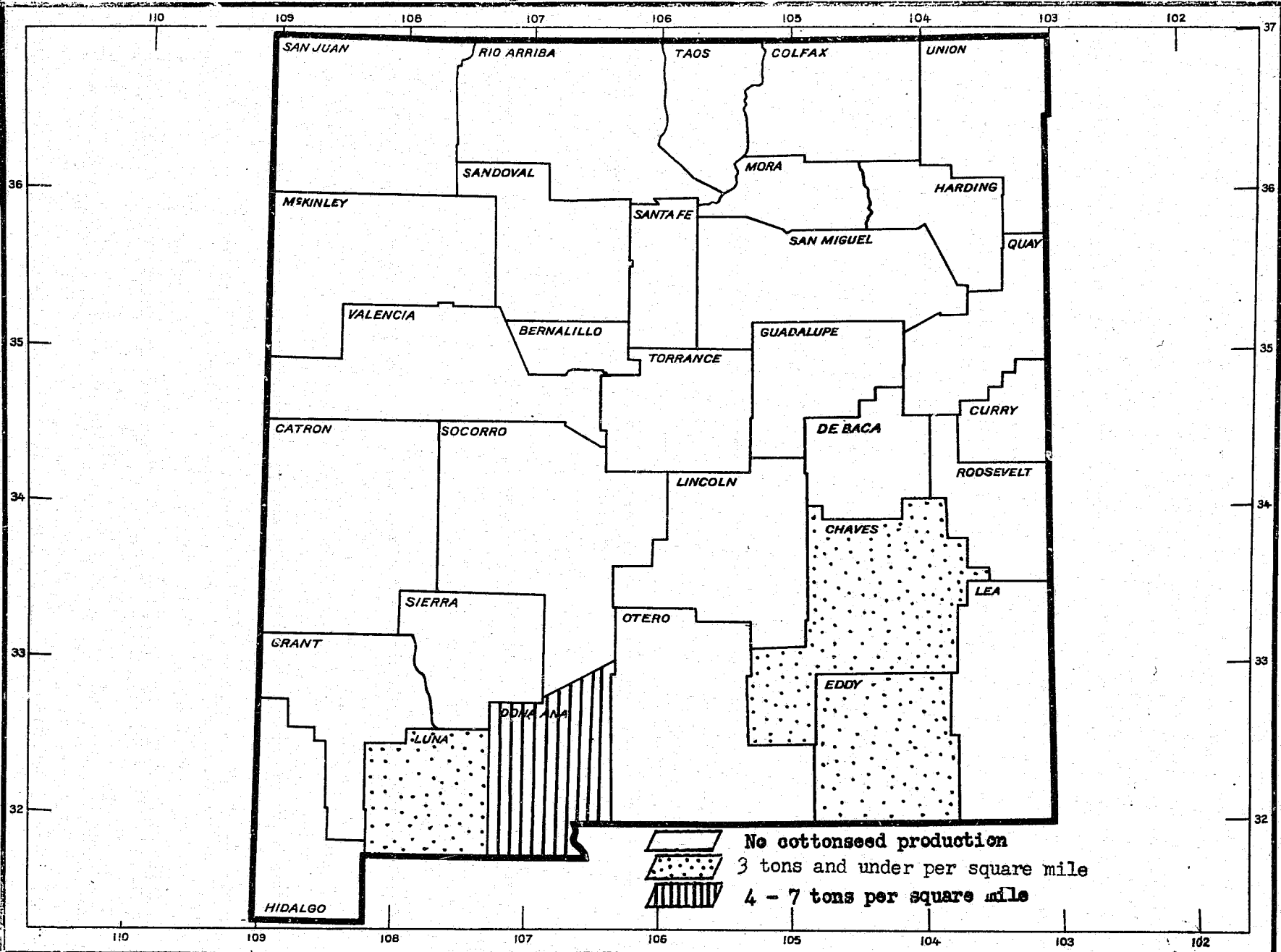


Figure 27.--Average tons of cottonseed produced per square mile in New Mexico, by counties, 1943-47.

Table 31.—Cottonseed production: North Carolina, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47

Region, farming area, and county	Average production for—							
	Size of area		1928-32		1938-42		1943-47	
	Sq. miles	Tons	Per sq. mile	Total Tons	Per sq. mile	Total Tons	Per sq. mile	
North Carolina....	34,555	326,279	9.4	232,652	6.7	211,086	6.1	
Coastal Plains..	20,579	175,516	8.6	122,278	5.9	106,039	5.2	
Area 1.....	2,547	5,433	2.1	4,177	1.6	2,506	1.0	
Beaufort....	831	1,766	2.1	1,202	1.3	628	0.8	
Camden.....	239	866	3.6	565	2.4	437	1.8	
Currituck...	273	470	1.7	432	1.6	259	.9	
Hyde.....	634	930	1.5	998	1.6	584	.9	
Pamlico.....	341	652	1.9	728	2.1	297	.9	
Pasquotank..	229	739	3.2	352	1.5	301	1.3	
Area 2.....	5,445	8,564	1.6	6,548	1.2	4,347	0.8	
Bladen.....	879	1,873	2.3	1,490	1.7	1,354	1.5	
Columbus....	939	804	.9	862	.9	636	.7	
Craven.....	725	695	1.0	453	.6	211	.3	
Duplin.....	822	3,222	3.9	2,585	3.1	1,690	2.1	
Jones.....	467	770	1.6	455	1.0	201	.4	
Onslow.....	756	733	1.0	448	.6	119	.2	
Pender.....	857	467	.5	255	.3	136	.2	
Area 3.....	3,912	37,708	9.6	24,582	6.2	24,213	6.2	
Bertie.....	693	3,165	4.6	2,178	3.1	1,981	2.9	
Chowan.....	180	1,296	7.2	967	5.4	803	4.5	
Gates.....	343	1,627	4.7	1,144	3.3	1,029	3.0	
Halifax....	722	14,386	19.9	8,734	12.1	8,885	12.3	
Hertford....	356	2,223	6.2	1,529	4.3	1,290	3.6	
Martin.....	481	1,909	4.0	1,513	3.1	760	1.6	
Northhampton	540	10,884	20.2	6,921	12.8	8,103	15.0	
Perquimans..	261	1,660	6.4	1,328	5.1	1,104	4.2	
Washington..	736	558	1.7	268	.8	258	.8	
Area 4.....	3,307	44,203	13.4	30,441	9.2	22,541	6.8	
Edgecombe...	511	9,582	18.8	5,992	11.7	4,727	9.3	
Greene.....	269	3,022	11.2	2,072	7.7	1,555	5.8	
Isnoir.....	391	2,929	7.5	2,131	5.5	1,221	3.1	
Nash.....	552	9,398	17.0	6,324	11.5	5,228	9.5	
Pitt.....	656	4,639	7.1	3,296	5.0	1,588	2.4	
Wayne.....	555	8,286	14.9	6,129	11.0	4,536	8.2	
Wilson.....	373	6,347	17.0	4,497	12.1	3,686	9.9	
Area 5.....	5,368	80,608	15.0	56,530	10.5	52,432	9.8	
Franklin....	494	5,977	12.1	4,169	8.4	3,766	7.6	
Harnett....	606	10,300	17.0	7,940	13.1	6,241	10.3	
Johnston....	795	16,358	20.6	10,816	13.6	9,392	11.8	
Lee.....	255	2,086	8.2	1,258	4.9	786	3.1	
Roberson....	944	18,625	19.7	14,015	14.8	16,894	17.9	
Sampson....	963	13,718	14.2	10,657	11.1	8,759	9.1	
Wake.....	866	7,170	8.3	3,865	4.5	2,964	3.4	
Warren.....	445	6,374	14.3	3,810	8.6	3,630	8.2	

Table 31.—Cottonseed production: North Carolina, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47—Continued

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
North Carolina—Con.							
Eastern Hilly (Area 7a).....							
	761	1,351	1.8	1,323	1.7	1,116	1.5
Alexander...	255	997	3.9	1,018	4.0	846	3.3
Burke.....	506	354	.7	305	.6	270	.5
Piedmont.....							
	13,215	148,412	11.2	109,051	8.3	103,931	7.9
Area 5a.....							
	2,541	28,321	11.1	22,126	8.7	22,755	9.0
Cumberland..	661	7,716	11.7	5,803	8.8	5,252	7.9
Hops.....	414	6,878	16.6	6,010	14.5	6,433	15.5
Moore.....	672	1,129	1.7	653	1.0	352	.5
Richmond....	477	4,707	9.9	2,725	5.7	2,099	4.4
Scotland....	317	7,891	24.9	6,935	21.9	8,619	27.2
Area 5b.....							
	3,650	80,647	22.1	60,913	16.7	59,952	16.4
Anson.....	533	9,891	18.6	7,286	13.7	6,767	12.7
Cleveland...	466	23,911	51.3	18,752	40.2	21,712	46.6
Gaston.....	358	5,688	15.9	3,926	11.0	2,786	7.8
Lincoln.....	308	7,907	25.7	6,301	20.5	5,533	18.0
Mecklenburg.	542	9,128	16.8	5,552	10.2	4,625	8.5
Polk.....	234	1,929	8.2	1,426	6.1	1,194	5.1
Rutherford..	566	8,985	15.9	7,404	13.1	6,724	11.9
Union.....	643	13,208	20.5	10,266	16.0	10,611	16.5
Area 6.....							
	1,111	2,660	2.4	1,712	1.5	1,171	1.1
Durham.....	299	277	0.9	98	0.3	56	0.2
Granville....	543	652	1.2	430	.8	202	.4
Vance.....	269	1,731	6.4	1,184	4.4	913	3.4
Area 7.....							
	5,913	36,784	6.2	24,300	4.1	20,053	3.4
Alamance....	434	513	1.2	142	0.3	94	0.2
Cabarrus....	360	5,390	15.0	3,115	8.7	2,652	7.4
Catawba.....	406	5,263	13.0	3,847	9.5	3,353	8.3
Chatham.....	707	1,753	2.5	782	1.1	565	.8
Davidson....	548	985	1.8	642	1.2	434	.8
Davie.....	264	1,669	6.3	1,267	4.8	1,024	3.9
Iredell.....	591	8,381	14.2	6,914	11.7	5,929	10.0
Montgomery..	488	1,554	3.2	700	1.4	539	1.1
Orange.....	398	439	1.1	168	.4	101	.3
Randolph....	801	497	.6	116	.1	67	.1
Rowan.....	517	6,875	13.3	4,520	8.7	3,349	6.5
Stanly.....	399	3,465	8.7	2,087	5.2	1,946	4.9

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

Table 32.—Cottonseed production: Virginia, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
		Sq. miles	Tons	Tons	Tons	Tons	Tons
Virginia	4,952	18,732	3.8	8,959	1.8	8,358	1.7
Coastal Plains	3,265	13,022	4.0	6,126	1.9	6,428	2.0
Area 6 (Dinwiddie)	507	354	0.7	132	0.3	70	0.1
Area 7	2,127	11,987	5.6	5,902	2.8	6,311	3.0
Greensville	301	3,272	10.9	1,782	5.9	1,820	6.0
Isle of Wight	321	664	2.1	270	.8	158	.5
Nansemond	402	2,662	6.6	1,016	2.5	1,125	2.8
South Hampton	607	4,319	7.1	2,264	3.7	2,618	4.3
Sussex	496	1,070	2.2	570	1.1	590	1.2
Area 8	631	681	1.1	92	0.1	47	0.1
Norfolk	364	431	1.2	76	0.2	35	0.1
Princess Anne	267	250	.9	16	.1	12	(1)
Piedmont (Area 5)	1,687	5,710	3.4	2,833	1.7	1,930	1.1
Brunswick	579	2,495	4.3	1,263	2.2	970	1.7
Lunenburg	443	344	.8	194	.4	102	.2
Mecklenburg	665	2,871	4.3	1,376	2.1	858	1.3

¹/Less than 0.1 ton per square mile.

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from RAE cotton-production data.

Table 33.--Cottonseed production: Oklahoma, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47

Region, farming area, and county	Average production for--						
	1928-32		1938-42		1943-47		
	Size of area	Per	Size of area	Per	Size of area	Per	
	Sq. miles	Tons	Sq. miles	Tons	Sq. miles	Tons	
Oklahoma	51,363	442,882	8.6	279,893	5.4	157,850	3.1
Cross Timbers	6,940	45,416	6.5	35,725	5.1	15,592	2.2
Area 8	3,768	27,584	7.3	23,622	6.3	9,304	2.5
Creek	972	6,922	7.1	5,970	6.1	2,450	2.5
Hughes	810	5,202	6.4	5,062	6.2	1,930	2.4
Okfuskee	638	7,886	12.4	7,646	12.0	3,537	5.5
Pontotoc	719	3,620	5.0	2,068	2.9	580	.8
Seminole	629	3,954	6.3	2,876	4.6	807	1.3
Area 15	3,172	17,832	5.6	12,103	3.8	6,288	2.0
Carter	829	2,522	3.0	1,168	1.4	345	0.4
Jefferson	755	5,562	11.3	5,880	7.8	3,608	4.8
Johnson	657	2,234	3.4	1,636	2.5	554	.8
Love	503	3,030	6.0	2,457	4.9	1,474	2.9
Murray	428	1,484	3.5	962	2.2	307	.7
Low Plains	14,764	248,280	16.8	135,717	9.2	90,845	6.2
Area 6	4,038	27,148	6.7	11,355	2.7	8,683	2.2
Blaine	925	6,224	6.7	2,819	3.0	2,405	2.6
Custer	999	8,592	8.6	3,054	3.1	3,084	3.1
Dewey	990	3,882	3.9	1,500	1.5	988	1.0
Roger Mills	1,124	8,450	7.5	3,682	3.3	2,206	2.0
Area 11	3,708	102,270	27.6	57,666	15.6	39,726	10.7
Beckham	898	22,640	25.2	10,338	11.5	8,170	9.1
Greer	637	15,379	24.1	8,770	13.8	6,252	9.8
Harmon	532	11,653	21.9	6,640	12.5	5,870	11.0
Jackson	780	24,014	30.8	13,224	17.0	9,125	11.7
Tillman	861	28,584	33.2	18,694	21.7	10,309	12.0
Area 12	7,018	118,862	16.9	66,996	9.5	42,436	6.0
Caddo	1,275	27,260	21.4	17,972	14.1	11,449	9.0
Comanche	1,088	8,278	7.6	4,049	3.7	1,959	1.8
Cotton	629	8,641	13.7	5,336	8.5	2,530	4.0
Grady	1,092	18,002	16.5	10,056	9.2	4,704	4.3
Kiowa	1,032	21,791	21.1	10,489	10.2	7,798	7.6
Stephens	893	7,550	8.5	4,258	4.8	1,794	2.0
Washita	1,009	27,340	27.1	14,836	14.7	12,202	12.1

Table 33.--Cottonseed production: Oklahoma, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47--Continued

Region, farming area, and county	Size of area	Average production for--					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Oklahoma--Con. .							
Oklahoma Prairies	14,162	69,832	4.9	43,180	3.0	19,953	1.4
Area 3	3,468	9,736	2.8	3,890	1.1	2,875	0.8
Canadian . . .	885	6,387	7.2	2,610	2.9	2,134	2.4
Kingfisher . .	894	1,900	2.1	645	.7	320	.4
Major	945	517	.5	72	.1	79	.1
Noble	744	932	1.3	563	.8	342	.5
Area 4 (Osage)	2,293	2,048	0.9	1,986	0.9	1,418	0.6
Area 5	1,965	4,480	2.3	3,447	1.8	1,787	0.9
Mayes	680	1,424	2.1	892	1.3	282	0.4
Rogers	713	1,058	1.5	736	1.0	310	.4
Tulsa	572	1,998	3.5	1,819	3.2	1,195	2.1
Area 7	5,053	32,726	6.5	20,675	4.1	7,834	1.5
Cleveland . . .	547	3,994	7.3	2,154	3.9	866	1.6
Lincoln	973	7,965	8.2	5,026	5.2	1,594	1.6
Logan	747	4,937	6.6	2,565	3.4	964	1.3
Oklahoma . . .	709	3,673	5.2	2,140	3.0	621	.9
Pawnee	591	1,899	3.2	1,958	3.3	1,471	2.5
Payne	697	4,272	6.1	3,068	4.4	1,214	1.7
Pottawatomie	799	5,986	7.5	3,764	4.7	1,104	1.4
Area 13	1,373	20,842	15.2	13,182	9.6	6,039	4.4
Garvin	814	10,376	12.7	5,932	7.3	2,627	3.2
McClain	559	10,466	18.7	7,250	13.0	3,412	6.1
Ozark-Ouachita .	15,497	79,354	5.1	65,271	4.2	31,460	2.0
Area 9	5,713	45,822	8.0	42,391	7.4	20,432	3.6
Haskell	614	3,843	6.3	3,106	5.1	1,004	1.6
LeFlore	1,575	7,301	4.6	5,482	3.5	1,164	.7
McIntosh	715	7,705	10.8	8,211	11.5	4,302	6.0
Muskogee	822	10,168	12.4	9,208	11.2	5,418	6.6
Okmulgee	700	6,557	9.4	6,762	9.7	3,806	5.4
Sequoyah	703	3,640	5.2	3,378	4.8	822	1.2
Wagoner	584	6,608	11.3	6,244	10.7	3,916	6.7
Area 10 (Cherokee).	782	842	1.1	600	0.8	128	0.2

Table 33.—Cottonseed production: Oklahoma, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47—Continued

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Oklahoma--Con. .							
Ozark-Quachita-- Con.							
Area 14. . . .	5,037	11,155	2.2	8,272	1.6	3,302	0.7
Atoka.	992	1,569	1.6	1,174	1.2	390	0.4
Coal	526	1,913	3.6	1,492	2.8	803	1.5
Latimer. . . .	737	676	.9	467	.6	100	.1
Pittsburg. . .	1,359	5,654	4.2	4,664	3.4	1,830	1.4
Pushmataha . .	1,423	1,343	.9	475	.3	179	.1
Area 16. . . .	3,965	21,535	5.4	14,008	3.5	7,598	1.9
Bryan.	913	6,382	7.0	5,116	5.6	2,530	2.8
Choctaw. . . .	784	4,852	6.2	2,507	3.2	1,403	1.8
Marshall . . .	414	2,171	5.2	1,875	4.5	860	2.1
McCurtain. . .	1,854	8,130	4.4	4,510	2.4	2,805	1.5

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

Table 34.--Cottonseed production: South Carolina, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47

Region, farming area, and county	Size of area	Average production for--					
		1928-32		1938-42		1943-47	
		Sq. miles	Tons	Sq. mile	Tons	Sq. mile	Tons
South Carolina....	28,164	381,816	13.6	287,148	10.2	288,420	10.2
Coastal Plains..	17,580	175,570	10.0	152,096	8.7	175,644	10.0
Area 2.....	4,140	40,030	9.7	30,246	7.3	32,231	7.8
Aiken.....	1,097	10,626	9.7	8,682	7.9	9,495	8.7
Chesterfield	793	11,906	15.0	9,525	12.0	10,323	13.0
Kershaw.....	786	8,776	11.2	5,606	7.1	6,065	7.7
Lexington...	716	5,220	7.3	4,026	5.6	3,818	5.3
Richland....	748	3,502	4.7	2,407	3.2	2,530	3.4
Area 3a.....	2,819	54,414	19.3	48,174	17.1	62,144	22.0
Clarendon...	694	6,938	10.0	7,285	10.5	9,534	13.7
Darlington..	545	7,987	14.7	7,668	14.1	8,980	16.5
Lee.....	409	11,514	28.2	9,004	22.0	12,858	31.4
Marlboro....	482	16,517	34.3	13,980	29.0	17,744	36.8
Sumter.....	689	11,458	16.6	10,237	14.9	13,028	18.9
Area 3b.....	3,437	46,681	13.6	42,192	12.3	45,981	13.4
Allendale...	418	2,784	6.7	3,591	8.6	3,708	8.9
Bamberg.....	395	5,522	14.0	4,368	11.1	3,995	10.1
Barnwell....	553	7,434	13.4	6,652	12.0	6,522	11.8
Calhoun.....	389	7,546	19.4	5,816	15.0	6,793	17.5
Hampton.....	562	2,281	4.1	2,484	4.4	2,513	4.5
Orangeburg..	1,120	21,114	18.9	19,281	17.2	22,450	20.0
Area 4.....	3,775	26,561	7.0	24,626	6.5	27,092	7.2
Dillon.....	407	9,240	22.7	7,448	18.3	7,468	18.3
Florence....	805	6,066	7.5	6,484	8.1	7,166	8.9
Horry.....	1,152	1,144	1.0	1,018	.9	754	.7
Marion.....	480	3,784	7.9	3,060	6.4	3,322	6.9
Williamsburg	931	6,327	6.8	6,616	7.1	8,382	9.0
Area 5.....	3,409	7,884	2.3	6,858	2.0	8,196	2.4
Berkeley....	1,214	1,176	1.0	1,486	1.2	1,942	1.6
Colleton....	1,048	3,478	3.3	2,588	2.5	2,752	2.6
Dorchester..	569	2,526	4.4	2,498	4.4	3,037	5.3
Jasper.....	578	704	1.2	286	.5	465	.8
Piedmont (Area 1).	10,584	206,246	19.5	135,052	12.8	112,776	10.7
Abbeville...	509	7,694	15.1	5,044	9.9	4,004	7.9
Anderson....	776	29,156	37.6	20,910	26.9	15,896	20.5
Cherokee....	394	11,138	28.3	7,671	19.5	7,074	18.0
Chester.....	585	8,516	14.6	5,573	9.5	5,606	9.6
Edgefield...	481	6,417	13.3	4,655	9.7	4,842	10.1

Table 34.--Cottonseed production: South Carolina, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47--Continued

Region, farming area, and county	Size of area	Average production for--					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
South Carolina--Con.							
Piedmont (Area 1)--							
Continued							
Fairfield...	699	4,336	6.2	2,869	4.1	2,590	3.7
Greenville..	789	21,886	27.7	14,096	17.9	10,542	13.4
Greenwood...	458	6,835	14.9	3,358	7.3	2,538	5.5
Lancaster...	504	6,380	12.7	4,262	8.5	4,034	8.0
Laurens.....	713	15,404	21.6	10,313	14.5	8,800	12.3
McCormick...	403	3,220	8.0	1,930	4.8	1,730	4.3
Newberry....	630	8,452	13.4	5,168	8.2	4,580	7.3
Oconee.....	670	8,976	13.4	6,560	9.8	4,997	7.5
Pickens.....	501	9,531	19.0	6,723	13.4	5,016	10.0
Saluda.....	442	7,322	16.6	3,586	8.1	3,956	9.0
Spartanburg.	830	5,770	7.0	4,340	5.2	14,058	16.9
Union.....	515	31,585	61.3	19,318	37.5	3,256	6.3
York.....	685	13,628	19.9	8,676	12.7	9,257	13.5

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

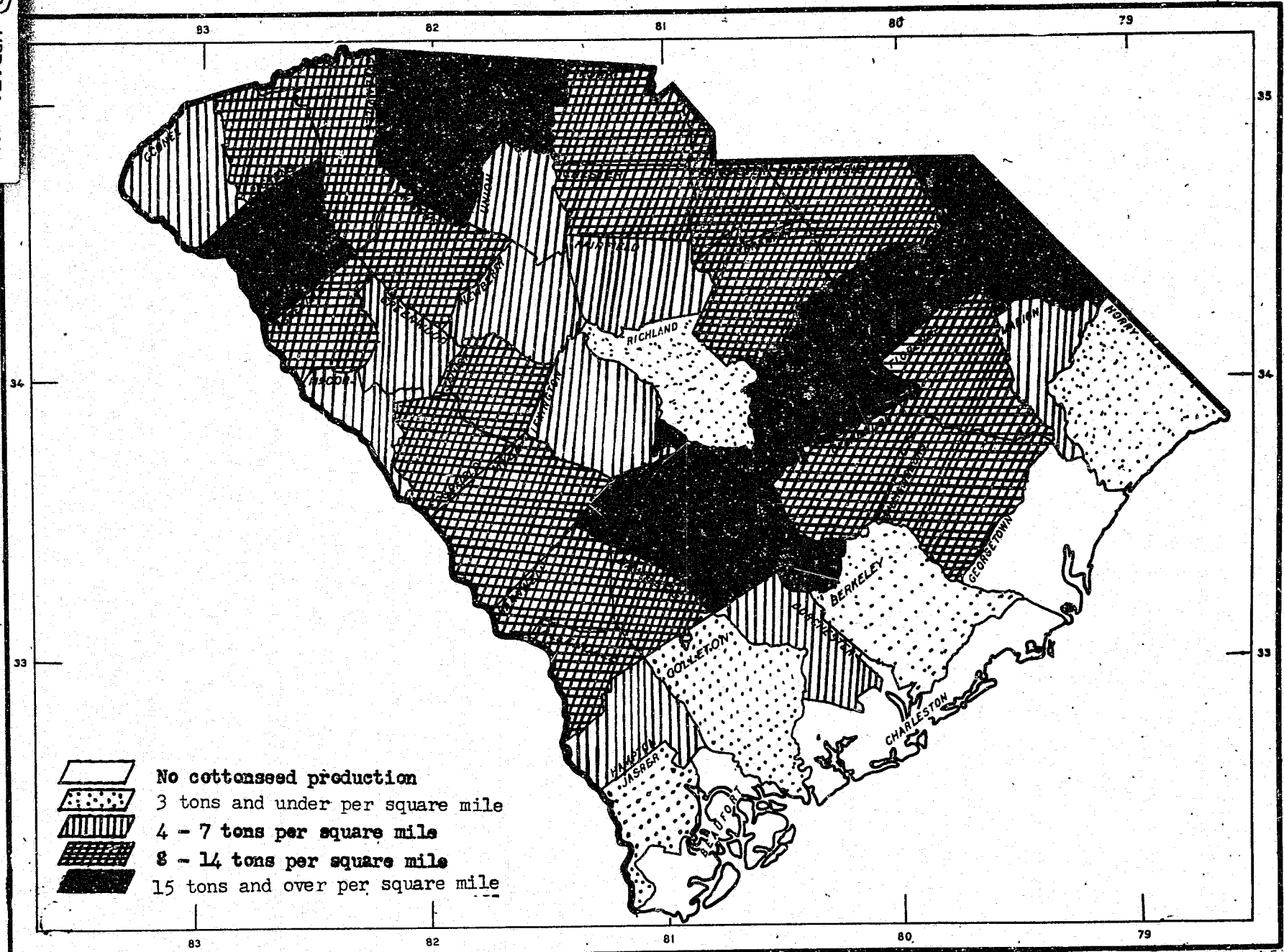


Figure 30.--Average tons of cottonseed produced per square mile in South Carolina, by counties, 1943-47.

Table 35.—Cottonseed production: Tennessee, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47

Region, farming area, and county	Size of area	Average production for					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Tennessee.....	17,444	218,520	12.5	209,377	12.0	195,053	11.2
Delta.....	7,427	159,925	21.5	159,842	21.5	145,232	19.6
Area 1 (Lake)	164	12,246	74.7	12,488	76.1	9,142	55.7
Area 2 (Obion)	550	5,101	9.3	4,988	9.1	3,575	6.5
Area 3.....	4,931	122,519	24.8	122,681	24.9	114,689	23.3
Crockett....	269	10,126	37.6	9,864	36.7	10,214	38.0
Dyer.....	527	15,286	29.0	15,626	30.0	12,435	23.6
Rayette....	704	14,168	20.1	14,064	20.0	13,717	19.5
Hardeman....	655	7,468	11.4	6,390	9.8	7,292	11.1
Haywood....	519	14,058	27.1	14,614	28.2	14,728	28.4
Lauderdale..	487	13,052	26.8	13,954	28.7	12,282	25.2
Madison....	561	12,529	22.3	10,544	18.8	10,799	19.2
Shelby.....	751	18,065	24.1	19,315	25.7	16,568	22.1
Tipton.....	458	17,767	38.8	18,310	40.0	16,654	36.4
Area 4.....	1,175	5,152	4.4	5,421	4.6	4,460	3.8
Henry.....	599	2,106	3.5	2,315	3.9	1,543	2.6
Weakley....	576	3,046	5.3	3,106	5.4	2,917	5.1
Area 5 (Gibson)	607	14,907	24.6	14,264	23.5	13,366	22.0
Eastern Hilly...	10,017	58,595	5.8	49,535	4.9	49,821	5.0
Area 6.....	1,965	26,390	13.4	22,557	11.5	23,558	12.0
Carroll....	596	7,457	12.5	6,478	10.9	5,675	9.5
Chester....	285	4,527	15.9	3,759	13.2	4,108	14.4
Henderson...	515	7,556	14.7	6,296	12.2	6,911	13.4
McNairy....	569	6,850	12.0	6,024	10.6	6,864	12.1
Area 8 (Wayne)	741	1,036	1.4	855	1.2	950	1.3
Area 9a.....	1,371	7,283	5.3	5,139	3.7	5,309	3.9
Benton....	430	1,313	3.1	1,150	2.7	818	1.9
Decatur....	346	1,920	5.5	1,467	4.2	1,432	4.1
Hardin....	595	4,050	6.8	2,522	4.2	3,059	5.1
Area 9b (Lawrence).....	634	6,824	10.8	5,382	8.5	6,166	9.7
Area 10.....	2,312	12,583	5.4	10,095	4.4	9,572	4.1
Bedford....	482	701	1.5	563	1.2	344	0.7
Giles.....	619	4,328	7.0	2,872	4.6	3,045	4.9
Lincoln....	581	4,368	7.5	3,712	6.4	4,048	7.0
Rutherford..	630	3,186	5.1	2,948	4.7	2,135	3.4

Table 35.—Cottonseed production: Tennessee: by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47—Continued

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Tennessee—Con.							
Eastern Hilly--							
Continued							
Area 11b.....	996	1,584	1.6	2,266	2.3	2,168	2.2
Coffee.....	435	246	0.6	508	1.2	446	1.0
Franklin....	561	1,338	2.4	1,758	3.1	1,722	3.1
Area 13.....	1,209	2,375	2.0	2,589	2.1	1,651	1.4
Bradley.....	338	778	2.3	821	2.4	572	1.7
McMinn.....	435	497	1.1	789	1.8	481	1.1
Polk.....	436	1,100	2.5	979	2.2	598	1.4
Area 14.....	789	520	0.7	652	0.8	447	0.6
Hamilton....	576	330	0.6	422	0.7	272	0.5
Meigs.....	213	190	.9	230	1.1	175	.8

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

Table 36.—Cottonseed production: Kentucky, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Kentucky (Delta) ..	860	4,164	4.8	5,900	6.9	3,775	4.4
Calloway....	407	209	0.5	208	0.5	70	0.2
Fulton.....	205	3,392	16.5	4,760	23.2	3,224	15.7
Hickman.....	248	563	2.3	932	3.8	481	1.9

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

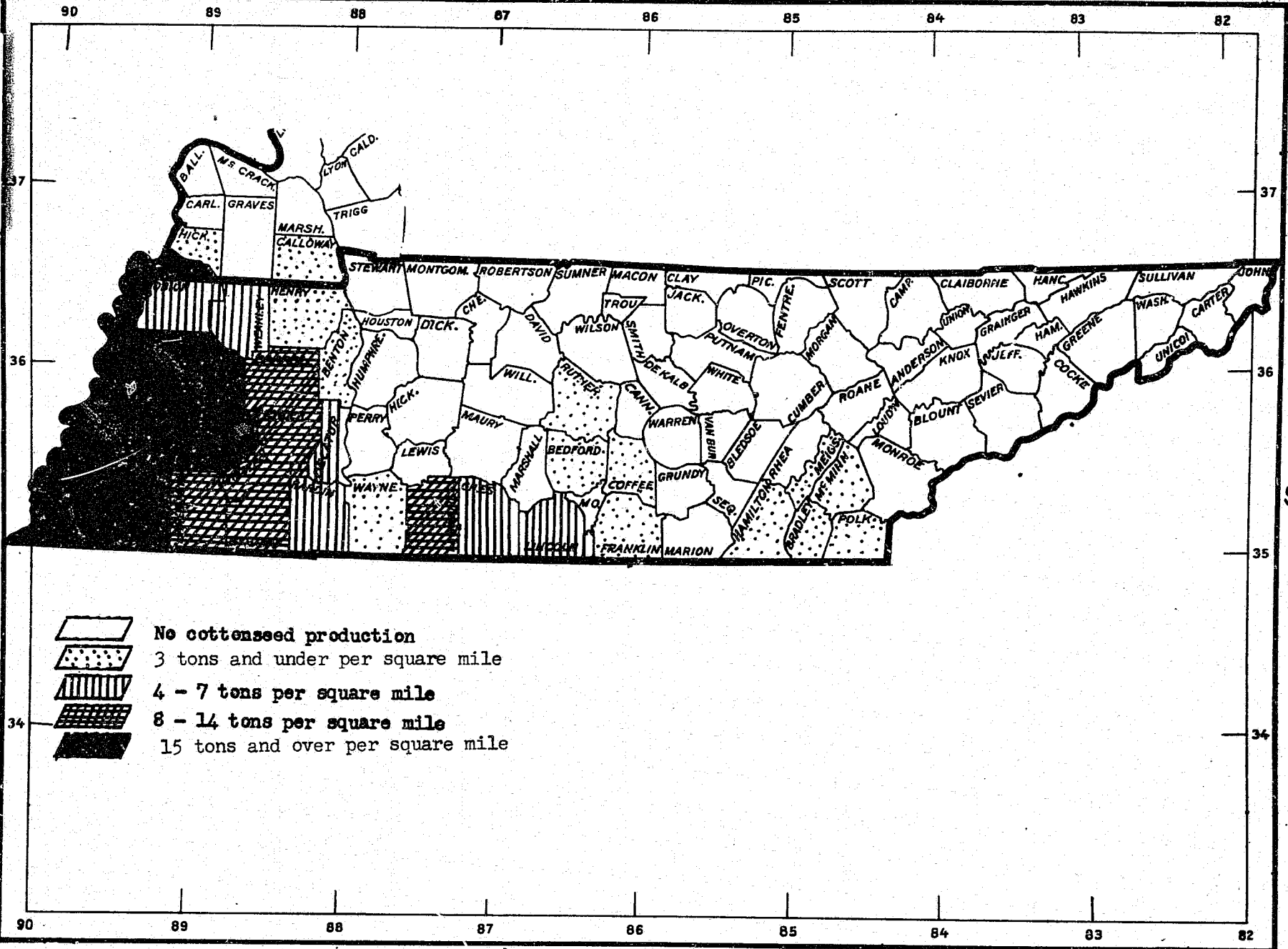


Figure 31.--Average tons of cottonseed produced per square mile in Tennessee and Kentucky, by counties, 1943-47.

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USDA STATISTICAL BULLETINS

UPDATA

COTTONSEED SUPPLY AREAS

BREWSTER, J. M.

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Table 37.—Cottonseed production: Texas, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Texas.....	187,506	1,880,377	10.0	1,225,544	6.5	1,011,418	5.4
Sandy Lands.....	32,728	325,605	9.9	166,455	5.1	78,275	2.4
Area 15.....	16,660	210,156	12.6	109,069	6.5	43,371	2.6
Anderson....	1,068	8,362	7.8	3,764	3.5	1,337	1.3
Bowie.....	921	11,789	12.8	6,410	7.0	3,213	3.5
Camp.....	190	2,279	12.0	1,424	7.5	524	2.8
Cass.....	965	13,047	13.5	6,822	7.1	2,984	3.1
Cherokee....	1,054	11,011	10.4	5,060	4.8	1,439	1.4
Franklin....	293	3,380	11.5	2,245	7.7	904	3.1
Gregg.....	284	3,564	12.5	1,156	4.1	367	1.3
Harrison....	892	12,562	14.1	7,397	8.3	2,920	3.3
Henderson...	940	9,422	10.0	4,965	5.3	1,048	1.1
Hopkins.....	793	12,446	15.7	9,430	11.9	5,002	6.3
Houston.....	1,232	15,946	12.9	7,871	6.4	4,395	3.6
Marion.....	400	2,952	7.4	1,288	3.2	412	1.0
Morris.....	263	3,283	12.5	1,919	7.3	786	3.0
Nacogdoches.	963	11,103	11.5	4,704	4.9	1,809	1.9
Panola.....	880	10,170	11.6	5,114	5.8	2,316	2.6
Raines.....	235	3,597	15.3	2,444	10.4	1,098	4.7
Rusk.....	944	15,411	16.3	6,240	6.6	2,690	2.8
Shelby.....	819	10,322	12.6	5,623	6.9	2,377	2.9
Smith.....	939	13,864	14.8	6,278	6.7	1,635	1.7
Titus.....	418	5,717	13.7	2,924	7.0	1,208	2.9
Upshur.....	589	7,165	12.2	3,541	6.0	1,009	1.7
Van Zandt...	855	15,154	17.7	8,716	10.2	3,134	3.7
Wood.....	723	7,610	10.5	3,734	5.2	764	1.1
Area 16.....	9,163	33,820	3.7	14,807	1.6	5,938	0.6
Angelina....	857	4,721	5.5	2,328	2.7	783	0.9
Jasper.....	969	1,089	1.1	414	.4	74	.1
Montgomery..	1,090	2,626	2.4	692	.6	150	.1
Newton.....	941	633	.7	198	.2	50	.1
Polk.....	1,094	5,314	4.9	1,767	1.6	768	.7
Sabine.....	564	2,372	4.2	1,376	2.4	461	.8
San Augustine	612	4,113	6.7	2,384	3.9	1,092	1.8
San Jacinto.	619	3,057	4.9	1,415	2.3	582	.9
Trinity.....	704	4,104	5.8	1,675	2.4	689	1.0
Tyler.....	927	1,217	1.3	440	.5	114	.1
Walker.....	786	4,574	5.8	2,118	2.7	1,175	1.5

Table 37.—Cottonseed production: Texas, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47—Continued

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Texas—Continued							
Sandy Lands—Con.							
Area 17.....	6,905	81,629	11.8	42,579	6.2	28,966	4.2
Bastrop.....	885	8,099	9.2	2,806	3.2	1,958	2.2
Brazos.....	583	8,886	15.2	5,856	10.0	4,918	8.4
Burleson....	679	11,768	17.3	7,464	11.0	5,280	7.8
Freestone...	862	7,834	9.1	4,202	4.9	2,370	2.7
Grimes.....	801	9,702	12.1	5,538	6.9	3,998	3.9
Lee.....	644	4,800	7.5	1,866	2.9	1,306	2.0
Leon.....	1,099	9,008	8.2	3,536	3.2	1,890	1.7
Madison.....	478	6,490	13.6	3,033	6.3	1,472	3.1
Robertson...	874	15,042	17.2	8,278	9.5	6,674	7.6
Gulf Coastal							
Prairies.....	18,418	207,958	11.3	152,523	8.3	162,036	8.8
Area 9.....	3,019	28,326	9.4	36,888	12.2	66,037	21.9
Cameron.....	883	9,706	11.0	11,656	13.2	28,359	32.1
Hidalgo.....	1,541	13,900	9.0	14,996	9.7	19,342	12.6
Willacy.....	595	4,720	7.9	10,236	17.2	18,336	30.8
Area 10.....	1,527	68,782	45.0	49,676	32.5	40,598	26.6
Neuces.....	838	43,138	51.5	28,468	34.0	24,032	28.7
San Patricio	689	25,594	37.1	21,208	30.8	16,566	24.0
Area 18.....	13,872	110,850	8.0	65,959	4.8	55,401	4.0
Aransas.....	276	505	1.8	396	1.4	184	0.7
Austin.....	662	9,478	14.3	4,690	7.1	4,062	6.1
Brazoria....	1,441	5,612	3.9	3,270	2.3	1,762	1.2
Calhoun.....	537	5,186	9.7	3,606	6.7	3,251	6.1
Chambers....	618	534	.9	150	.2	16	(1)
Colorado....	950	6,850	7.2	2,912	3.1	2,352	2.5
Fort Bend...	867	21,920	25.3	15,743	18.2	14,578	16.8
Harris.....	1,747	5,158	3.0	2,244	1.3	942	.5
Jackson.....	854	6,568	7.7	4,288	5.0	2,898	3.4
Liberty.....	1,173	2,970	2.5	1,085	.9	530	.5
Matagorda...	1,141	5,831	5.2	3,868	3.4	3,355	2.9
Orange.....	356	252	.7	43	.1	0	.0
Refugio.....	771	4,693	6.1	2,992	3.9	1,840	2.4
Victoria....	893	9,455	10.6	3,874	4.3	4,228	4.7
Waller.....	507	3,366	6.6	2,160	4.3	1,133	2.2
Wharton.....	1,079	22,422	20.8	14,638	13.6	14,300	13.3

See footnote at end of table.

Table 37.—Cottonseed production: Texas, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47—Continued

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Texas—Continued							
Blacklands.....	35,884	714,289	19.9	386,411	10.8	324,487	9.0
Area 13.....	7,078	51,967	7.3	27,301	3.9	15,017	2.1
Bosque.....	1,003	6,021	6.0	2,875	2.9	1,788	1.8
Cooks.....	909	6,874	7.6	4,808	5.3	1,970	2.2
Coryell.....	1,043	10,447	10.0	4,564	4.4	2,624	2.5
Denton.....	942	12,436	13.2	8,500	9.0	4,792	5.1
Hamilton....	844	6,184	7.3	2,228	2.6	1,334	1.6
Lampasas....	726	2,212	3.0	898	1.2	324	.4
Mills.....	734	2,285	3.1	592	.8	332	.5
Tarrant.....	877	5,508	6.3	2,836	3.2	1,853	2.1
Area 14.....	28,206	662,322	23.0	359,110	12.5	309,470	10.7
Bee.....	842	6,303	7.5	2,384	2.8	1,714	2.0
Bell.....	1,079	28,680	26.6	12,596	11.7	11,786	10.9
Bexar.....	1,247	5,767	4.6	1,787	1.4	774	.6
Caldwell....	544	13,527	24.9	4,924	9.1	4,036	7.4
Collin.....	886	22,522	25.7	23,842	26.9	20,333	22.9
Dallas.....	893	18,390	20.6	11,760	13.2	8,510	9.5
Delta.....	276	12,512	45.3	9,070	32.9	7,280	26.4
Dewitt.....	910	11,088	12.2	3,960	4.4	3,134	3.4
Ellis.....	953	44,461	46.7	27,055	28.4	25,280	26.5
Falls.....	761	29,418	38.7	14,398	18.9	13,426	17.6
Fannin.....	906	27,856	30.7	20,090	22.2	16,230	17.9
Fayette.....	936	12,946	13.8	5,778	6.2	6,048	6.5
Goliad.....	871	4,870	5.6	1,684	1.9	948	1.1
Gonzales....	1,058	11,564	10.9	4,261	4.0	2,476	2.3
Grayson....	984	19,215	19.5	14,664	14.9	9,024	9.2
Guadalupe...	715	13,304	18.6	5,244	7.3	3,636	5.1
Hill.....	1,028	36,196	35.2	19,472	18.9	19,388	18.9
Hunt.....	910	29,381	32.3	21,688	23.8	18,097	19.9
Johnson....	740	13,636	18.4	7,253	9.8	6,257	8.5
Karnes.....	758	15,458	20.4	6,372	8.4	5,660	7.5
Kaufman....	816	25,892	31.7	14,934	18.3	11,272	13.8
Lamar.....	906	23,708	26.2	13,613	15.0	11,774	13.0
Lavaca.....	975	11,864	12.2	5,717	5.9	5,560	5.7
Limestone...	932	25,210	27.7	11,891	12.8	10,484	11.2
McLennan....	1,035	34,309	33.1	15,354	14.8	14,776	14.3
Milam.....	1,027	25,336	24.7	11,400	11.1	9,068	8.8
Navarro....	1,084	36,050	33.3	19,684	18.2	16,488	15.2
Red River...	1,033	14,344	13.9	8,016	7.8	6,655	6.4
Rockwall....	147	7,943	54.0	5,356	36.4	4,526	30.8
Travis.....	1,015	15,462	15.2	6,988	6.9	6,932	6.8
Washington..	611	11,846	19.4	6,874	11.3	5,682	9.3
Williamson..	1,126	36,574	32.5	19,305	17.1	21,292	18.9
Wilson.....	802	6,090	7.6	1,696	2.1	924	1.2

Table 37.—Cottonseed production: Texas, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47—Continued

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Texas—Continued							
Cross Timbers (Area 12).....							
	7,334	24,384	3.3	7,427	1.0	3,590	0.5
Brown.....	949	4,344	4.6	1,420	1.5	604	0.6
Comanche.....	972	3,549	3.7	712	.7	359	.4
Eastland.....	955	1,599	1.7	336	.4	258	.3
Erath.....	1,085	4,440	4.1	1,215	1.1	791	.7
Hood.....	426	1,328	3.1	243	.6	134	.3
Montague.....	937	3,714	4.0	1,647	1.8	802	.9
Parker.....	904	2,082	2.3	416	.5	205	.2
Somerville..	197	622	3.2	226	1.1	123	.6
Wise.....	909	2,706	3.0	1,212	1.3	314	.3
Low Plains.....							
	32,661	333,346	10.2	247,015	7.6	179,439	5.5
Area 4.....							
	26,262	316,702	12.1	236,040	9.0	173,981	6.6
Borden.....	914	1,585	1.7	2,214	2.4	1,369	1.5
Callahan....	857	3,651	4.3	1,882	2.2	991	1.2
Childress....	701	11,517	16.4	7,871	11.2	5,999	8.6
Clay.....	1,101	8,312	7.5	4,761	4.3	2,332	2.1
Coleman.....	1,282	12,924	10.1	6,504	5.1	3,018	2.4
Collingsworth	899	18,804	20.9	9,480	10.5	8,824	9.8
Cottle.....	901	10,746	11.9	9,956	11.0	7,318	8.1
Dickens.....	930	9,476	10.2	9,378	10.1	6,584	7.1
Donley.....	909	9,678	10.6	5,294	5.8	4,002	4.4
Fisher.....	906	14,218	15.7	13,396	14.8	9,556	10.5
Foard.....	676	4,830	7.1	4,425	6.5	2,818	4.2
Garza.....	914	5,530	6.1	6,592	7.2	4,550	5.0
Hall.....	896	19,354	21.6	13,786	15.4	12,555	14.0
Hardeman... .	685	10,805	15.8	8,058	11.8	4,898	7.2
Haskell.....	888	20,380	23.0	18,454	20.8	14,870	16.7
Jones.....	959	18,388	19.2	17,958	18.7	13,188	13.8
Kent.....	901	3,471	3.9	3,568	4.0	2,184	2.4
King.....	944	1,623	1.7	1,702	1.8	1,318	1.4
Knox.....	854	13,588	15.9	12,246	14.3	9,605	11.2
Mitchell....	922	13,011	14.1	9,463	10.3	8,568	9.3
Motley.....	1,011	6,694	6.6	5,768	5.7	3,854	3.8
Nolan.....	921	7,003	7.6	5,480	6.0	5,300	5.8
Runnels....	1,060	22,854	21.6	13,093	12.4	8,469	8.0
Scurry.....	909	9,840	10.8	10,073	11.1	8,910	9.8
Stonewall... .	927	5,752	6.2	4,666	5.0	2,098	2.3
Taylor.....	913	12,222	13.4	6,167	6.8	4,026	4.4
Wheeler.....	916	13,812	15.1	5,148	5.6	3,406	3.7
Wichita.....	612	6,918	11.3	3,397	5.6	1,957	3.2
Wilbarger... .	954	19,716	20.7	15,260	16.0	11,414	12.0

Table 37.—Cottonseed production: Texas, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47—Continued

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Total	Per sq. mile	Total	Per sq. mile	Total	Per sq. mile
	Sq. miles	Tons	Tons	Tons	Tons	Tons	Tons
Texas—Continued							
Low Plains—Con.							
Area 11.....	6,399	16,644	2.6	10,975	1.7	5,458	0.9
Archer.....	917	1,390	1.5	683	0.7	224	0.2
Baylor.....	857	4,732	5.5	4,237	4.9	2,154	2.5
Jack.....	944	1,233	1.3	424	.4	314	.3
Palo Pinto..	982	1,232	1.3	328	.3	267	.3
Shackelford.	887	965	1.1	868	1.0	376	.4
Throckmorton	913	2,148	2.4	1,585	1.7	808	.9
Young.....	899	4,944	5.5	2,850	3.2	1,315	1.5
High Plains.....							
Area 1.....	7,328	24,136	3.3	22,663	3.1	20,655	2.8
Armstrong...	909	553	0.6	269	0.3	134	0.1
Briscoe.....	887	3,439	3.9	2,948	3.3	2,064	2.3
Castro.....	876	566	.6	877	1.0	671	.8
Floyd.....	993	6,562	6.6	6,572	6.6	6,436	6.5
Gray.....	937	1,900	2.0	595	.6	364	.4
Hale.....	979	9,300	9.5	9,192	9.4	9,974	10.2
Panola.....	859	1,174	1.4	1,321	1.5	406	.5
Swisher.....	888	642	.7	889	1.0	606	.7
Area 2 (Hamphill)	909	2,077	2.3	738	0.8	274	0.3
Area 3.....	9,095	137,482	15.1	170,635	18.8	175,135	19.3
Bailey.....	832	4,506	5.4	8,638	10.4	7,280	8.8
Crosby.....	911	12,780	14.0	14,788	16.2	13,037	14.3
Dawson.....	899	16,106	17.9	21,472	23.9	20,292	22.6
Hockley.....	903	14,330	15.9	19,470	21.6	20,624	22.8
Howard.....	912	10,277	11.3	9,836	10.8	9,098	10.0
Lamb.....	1,022	22,812	22.3	20,134	19.7	22,785	22.3
Lubbock.....	892	23,981	26.9	29,714	33.3	39,024	43.7
Lynn.....	915	17,024	18.6	25,111	27.4	22,980	25.1
Martin.....	911	6,552	7.2	9,236	10.1	9,111	10.0
Terry.....	898	9,114	10.1	12,236	13.6	10,904	12.1
Grazing Areas...							
Area 5a.....	4,029	6,558	1.6	11,379	2.8	10,950	2.7
Cochran.....	782	1,292	1.7	5,712	7.3	5,546	7.1
Gaines.....	1,479	1,709	1.2	2,132	1.4	2,431	1.6
Midland.....	938	2,742	2.9	2,501	2.7	2,218	2.4
Yoakum.....	830	815	1.0	1,034	1.2	755	.9
Area 5b.....	7,960	5,632	0.7	7,208	0.9	8,467	1.1
Hudspeth....	4,533	3,426	0.8	2,807	0.6	4,725	1.0
Reeves.....	2,600	1,214	.5	1,397	.5	1,455	.6
Ward.....	827	992	1.2	3,004	3.6	2,287	2.8

Table 27.—Cottonseed production: Texas, by regions, farming areas, and counties, 5-year averages, 1928-32, 1938-42, and 1943-47—Continued

Region, farming area, and county	Size of area	Average production for—					
		1928-32		1938-42		1943-47	
		Sq. miles	Tons	Tons	Tons	Tons	Tons
		Total	sq. mile	Total	sq. mile	Total	sq. mile
Texas—Continued							
Grazing Areas—							
Continued							
Area 7.....	14,655	48,116	3.3	22,151	1.5	12,853	0.9
Blanco.....	719	699	1.0	107	0.1	29	(1)
Burnet.....	1,003	4,042	4.0	1,798	1.8	570	0.6
Coke.....	915	3,322	3.6	1,328	1.5	408	.4
Comal.....	567	1,397	2.5	249	.4	102	.2
Concho.....	1,004	7,750	7.7	3,758	3.7	2,087	2.1
Gillespie...	1,055	1,528	1.4	198	.2	32	(1)
Glasscock...	864	832	1.0	512	.6	292	.3
Hays.....	670	4,912	7.3	1,878	2.8	1,478	2.2
Llano.....	947	583	.6	72	(1)	8	(1)
Mason.....	935	936	1.0	175	.2	31	(1)
McCulloch...	1,066	9,178	8.6	3,650	3.4	1,752	1.6
Menard.....	914	588	.6	134	.1	28	(1)
San Saba....	1,122	3,766	3.4	1,532	1.4	704	.6
Schleicher..	1,331	1,942	1.5	668	.5	558	.4
Tom Green...	1,543	6,641	4.3	6,102	4.0	4,774	3.1
Area 8.....	15,451	34,992	2.3	12,965	0.8	11,272	0.7
Atascosa....	1,206	5,317	4.4	1,418	1.2	708	0.6
Brooks.....	908	1,562	1.7	266	.3	151	.2
Duval.....	1,814	4,091	2.3	1,390	.8	1,434	.8
Frio.....	1,116	1,302	1.2	84	.1	38	(1)
Jim Hogg....	1,139	1,478	1.3	348	.3	100	(1)
Jim Wells...	846	7,377	8.7	3,600	4.3	2,968	3.5
Kleburg.....	851	2,624	3.1	1,211	1.4	1,221	1.4
LaSalle.....	1,501	1,308	.9	232	.2	112	.1
Live Oak....	1,072	5,418	5.1	2,637	2.5	2,323	2.2
Maverick....	1,279	34	(1)	246	.2	828	.6
McMullen....	1,159	768	.7	251	.2	131	.1
Medina.....	1,353	856	.6	180	.1	62	(1)
Starr.....	1,207	2,857	2.4	1,102	.9	1,196	1.0
Irrigated.....	1,054	15,802	15.0	17,974	17.1	23,985	22.8
Area 6 (El Paso)							

¹/₂ Less than 0.1 ton per square mile.

Size of area computed from U. S. Census of Agriculture, 1945; average production for 5-year periods computed from BAE cotton-production data.

END