FOREST SURVEY RELEASE 61 JUNE 1949

PULPWOOD PRODUCTION
IN SOUTHERN FOREST SURVEY TERRITORY, 1948

By
Albert L. Toffe and William S. Stover

SOUTHERN FOREST EXPERIMENT STATION
Chas. A. Connaughton, Director
New Orleans, La.

THE SOUTHERN FOREST SURVEY

The Southern Forest Survey, an activity of the Southern Forest Experiment Station, covers the seven States of the Station's territory--Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas. This Survey is a part of the nation-wide Forest Survey authorized by the McSweeney-McNary Forest Research Act of 1928. Its five-fold purpose is (1) to take inventory of the supply of standing timber and other forest products; (2) to ascertain the rate at which this supply is being increased through growth; (3) to determine the rate at which this supply is being diminished through industrial and local use, and by fire, insects, disease, and other agencies; (4) to estimate the present requirements and the probable future trend in the requirements for timber and other forest products; and (5) to correlate these findings with existing and anticipated economic conditions, in order that policies may be formulated for the effective use of lands suitable for forest production.

CONTENTS

Page

Text..... 1

Figures:

1. Pulp mills drawing wood from Southern Forest Survey territory, 1948..... ii

2. Pulpwood production by county in Southern Forest Survey territory, 1949..... 3

Tables:

1. Pulpwood production in Southern Forest Survey territory, 1947 and 1948..... 2
2. Pulpwood production in Alabama, 1948..... 5
3. Pulpwood production in Arkansas, 1948..... 7
4. Pulpwood production in Louisiana, 1948..... 9
5. Pulpwood production in Mississippi, 1948..... 11
6. Pulpwood production in Oklahoma, 1948..... 13
7. Pulpwood production in Tennessee, 1948..... 13
8. Pulpwood production in Texas, 1948..... 16

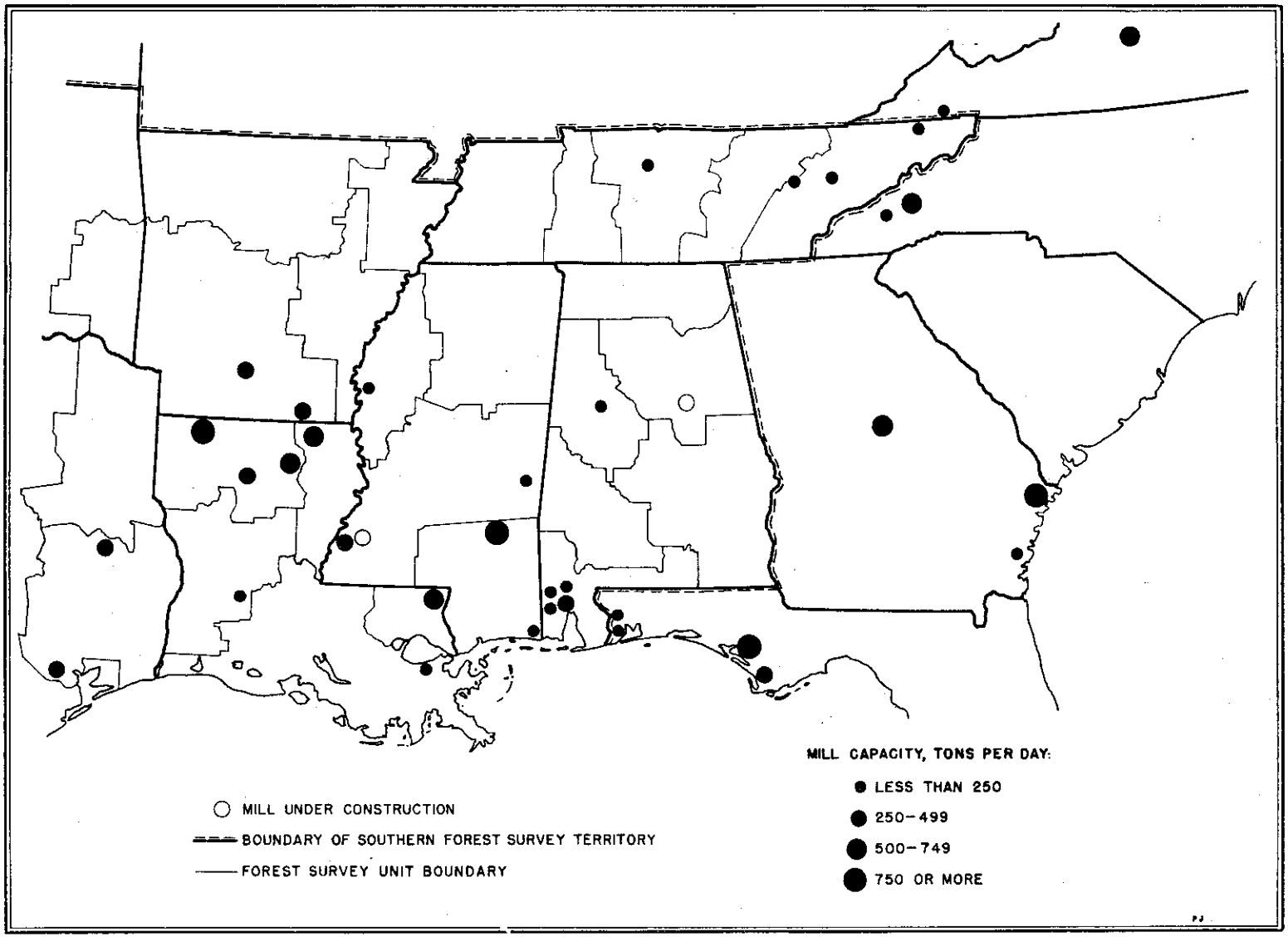

Figure 1.--Pulp mills drawing wood from Southern Forest Survey territory, 1948.

PULPWOOD PRODUCTION IN SOUTHERN FOREST SURVEY TERRITORY, 1948

By Albert L. Tofte and William S. Stover
Southern Forest Experiment Station

Pulpwood production in the seven States of Southern Forest Survey territory reached another all-time high in 1948. Total production was 5,025,900 cords, an increase of 14 percent over 1947. Each of the seven States showed an increase (table 1).

Largest output was in Mississippi, where 1,433,900 cords were produced. Alabama had second largest production, with 981,900 cords, having moved from third place in 1947. Ranking of the other States was Louisiana, Texas, Arkansas, Tennessee, and Oklahoma, in the order named.

Pine accounted for 90 percent of the production, or 4,523,000 cords; hardwood accounted for 10 percent, or 502,900 cords. The pine pulpwood included all species of southern pines. Among the hardwoods, sweetgum and blackgum accounted for a major part of production, with lesser amounts of cottonwood, willow, and other species. In Tennessee, 43,535 cords were produced from dead chestnut, a decrease of 14 percent from 1947.

In addition to pulpwood produced from standing timber, 3,547 cords of veneer cores were used by pulp mills.

The pulpwood produced in Southern Forest Survey territory in 1948 went to 36 different pulp mills. Of these, 25 mills were located within the territory and 11 were outside--in Florida, Georgia, North Carolina, and Virginia (figure 1).

New pulp mills drawing wood from the territory went into operation during 1948 at Natchez, Mississippi; Pensacola, Florida; and Macon, Georgia. Another mill is under construction at Childersburg, Alabama, and plans have been announced for a mill at Natchez, Mississippi, to manufacture rayon pulp from hardwoods. In addition, expansion or modernization programs have been recently completed, are under way, or have been announced for 10 or more existing mills.

Table 1.—Pulpwood production in Southern Forest Survey territory, 1947 and 1948

State	1947			1948			Increase from 1947 to 1948
	Total	Pine	Hard-wood	Total	Pine	Hard-wood	
	Thousand cords						Percent
Ala.	777.7	749.4	28.3	981.9	932.2	49.7	26.3
Ark.	596.6	541.7	54.9	616.7	566.9	49.8	3.4
La.	870.3	842.5	27.8	953.8	910.7	43.1	9.6
Miss.	1,279.1	1,041.0	238.1	1,433.9	1,226.6	207.3	12.1
Okla.	29.9	29.9	..	34.3	34.2	0.1	14.7
Tenn.	141.3	42.4	98.9	181.7	67.7	114.0	28.6
Tex.	711.1	667.2	43.9	823.6	784.7	38.9	15.8
All States	4,406.0	3,914.1	491.9	5,025.9	4,523.0	502.9	14.1

Production of pulpwood by county is shown in figure 2 and in tables 2 through 8.

Data on 1948 pulpwood production in this release are based on reports from the 36 pulp mills drawing wood from Southern Forest Survey territory and on Louisiana and Mississippi severance-tax data. County data are based on county or shipping-point information furnished by 32 mills and on severance-tax data. The county data are only approximate, but totals for groups of counties should have little error.

All volumes are in standard cords (128 cubic feet) of rough wood, bark included.

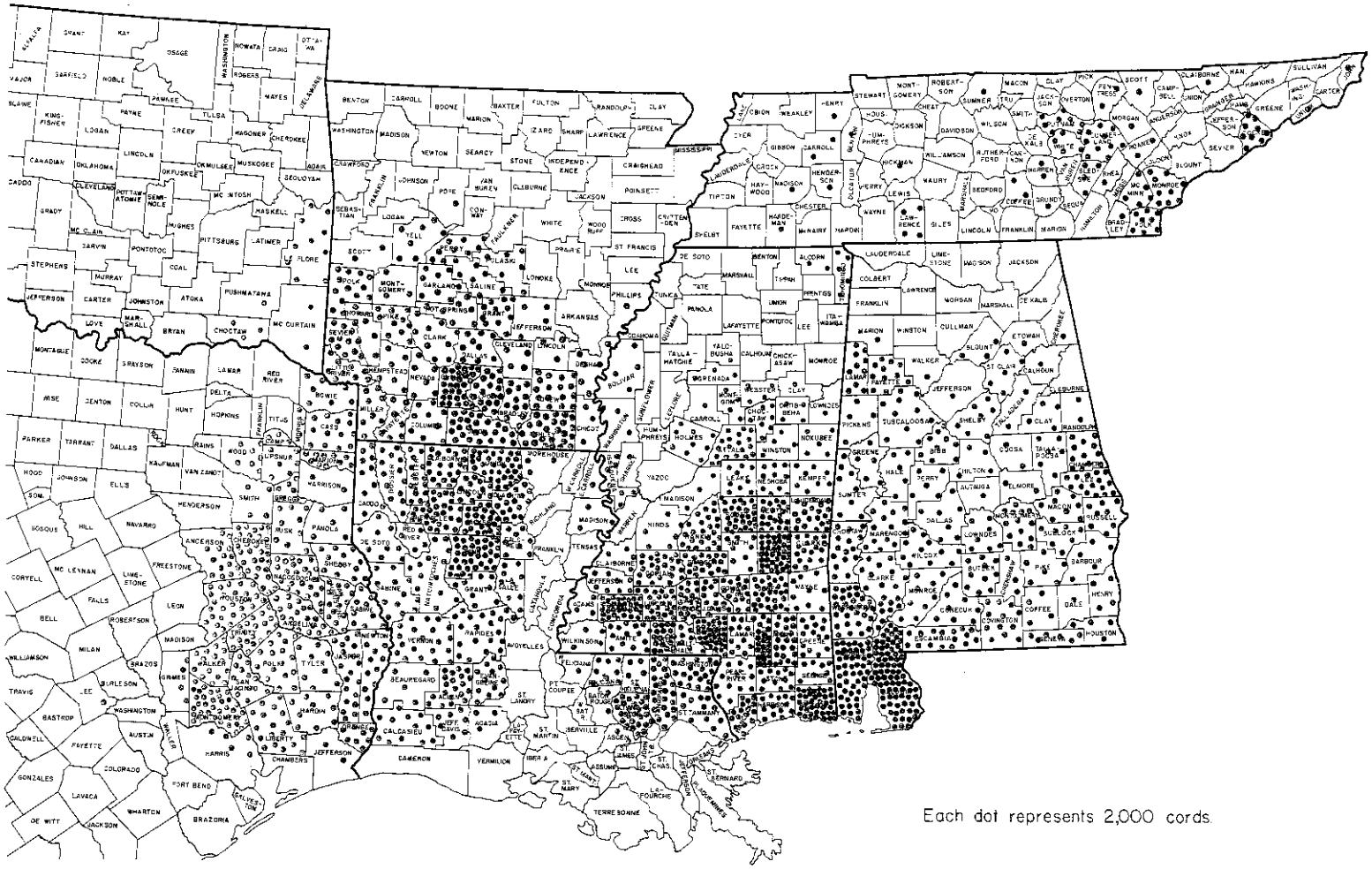

Figure 2.—Pulpwood production by county in Southern Forest Survey territory, 1948.

Table 2.--Pulpwood production in Alabama, 1948

County	Pine	Hardwood	Total
	Standard cords		
Autauga	2,236	..	2,236
Baldwin	157,416	..	157,416
Barbour	10,375	90	10,465
Bibb	16,413	1,575	17,988
Blount	5,523	..	5,523
Bullock	14,863	64	14,927
Butler	19,698	..	19,698
Calhoun	2,236	10	2,246
Chambers	24,751	..	24,751
Cherokee	2,517	..	2,517
Chilton	4,462	3,675	8,137
Choctaw	25,732	..	25,732
Clarke	35,342	2,250	37,592
Clay	7,399	..	7,399
Cleburne	283	..	283
Coffee	8,876	..	8,876
Colbert	348	..	348
Conecuh	15,895	..	15,895
Coosa	4,020	..	4,020
Covington	24,851	..	24,851
Crenshaw	6,197	..	6,197
Cullman	..	..	..
Dale	1,092	..	1,092
Dallas	14,216	..	14,216
De Kalb	126	..	126
Elmore	4,295	..	4,295
Escambia	31,215	..	31,215
Etowah	1,390	..	1,390
Fayette	16,273	5,550	21,823
Franklin	417	..	417
Geneva	12,083	..	12,083
Greene	7,982	1,538	9,520
Hale	8,970	1,050	10,020
Henry	7,015	271	7,286
Houston	7,334	38	7,372
Jackson	..	..	..
Jefferson	1,154	..	1,154
Lamar	4,842	14,775	19,617
Lauderdale	..	..	..
Lawrence	..	..	..

Table 2.--Pulpwood production in Alabama, 1948 (Continued)

County	Pine	Hardwood	Total
	Standard cords		
Lee	30,264	..	30,264
Limestone	..	..	..
Lowndes	13,854	..	13,854
Macon	15,466	52	15,518
Madison	..	..	..
Marengo	28,792	75	28,867
Marion	1,162	..	1,162
Marshall	43	..	43
Mobile	93,292	3,412	96,704
Monroe	17,346	..	17,346
Montgomery	26,572	48	26,620
Morgan	107	..	107
Perry	8,430	1,876	10,306
Pickens	8,812	..	8,812
Pike	11,466	..	11,466
Randolph	4,869	..	4,869
Russell	15,921	967	16,888
St. Clair	10,293	..	10,293
Shelby	14,492	..	14,492
Sumter	14,114	1,612	15,726
Talladega	4,371	..	4,371
Tallapoosa	11,792	..	11,792
Tuscaloosa	19,738	338	20,076
Walker	1,070	..	1,070
Washington	51,372	9,525	60,897
Wilcox	20,724	750	21,474
Winston	45	150	195
Total	932,244	49,691	981,935

Table 3.--Pulpwood production in Arkansas, 1948

County	Pine	Hardwood	Total
	Standard cords		
Arkansas	..	..	..
Ashley	43,240	6,137	49,377
Baxter	202	..	202
Benton	..	..	..
Boone	..	..	..
Bradley	23,428	15	23,443
Calhoun	33,315	40	33,355
Carroll	..	..	..
Chicot	..	6,285	6,285
Clark	17,431	655	18,086
Clay	..	..	..
Cleburne	..	..	..
Cleveland	7,521	29	7,550
Columbia	16,897	593	17,490
Conway	153	..	153
Craighead	..	..	..
Crawford	..	..	..
Crittenden	..	..	..
Cross	..	..	..
Dallas	17,274	993	18,267
Desha	..	12,574	12,574
Drew	28,481	4,702	33,183
Faulkner	197	..	197
Franklin	..	..	..
Fulton	..	..	..
Garland	16,580	..	16,580
Grant	19,848	1,352	21,200
Greene	..	..	..
Hempstead	12,083	233	12,316
Hot Spring	13,168	260	13,428
Howard	6,723	355	7,078
Independence	..	..	..
Izard	249	..	249
Jackson	..	..	..
Jefferson	8,518	222	8,740
Johnson	936	..	936
Lafayette	14,278	134	14,412
Lawrence	..	..	..
Lee	..	..	..
Lincoln	3,670	2,932	6,602

Table 3.--Pulpwood production in Arkansas, 1948 (Continued)

County	Pine	Hardwood	Total
	Standard cords		
Little River	16,637	652	17,289
Logan	803	..	803
Lonoke	271	..	271
Madison	..	..	..
Marion	..	..	..
Miller	14,681	677	15,358
Mississippi	..	..	..
Monroe	..	..	..
Montgomery	5,431	20	5,451
Nevada	11,567	432	11,999
Newton	..	..	..
Ouachita	56,878	1,343	58,221
Perry	17,915	16	17,931
Phillips	..	2,095	2,095
Pike	19,344	795	20,139
Poinsett	..	..	..
Polk	26,295	..	26,295
Pope	2,603	..	2,603
Prairie	..	..	..
Pulaski	10,984	117	11,101
Randolph	..	..	..
St. Francis	..	..	..
Saline	14,112	249	14,361
Scott	3,409	..	3,409
Searcy	..	..	..
Sebastian	15	..	15
Sevier	23,096	..	23,096
Sharp	..	..	..
Stone	..	..	..
Union	44,492	5,858	50,350
Van Buren	..	..	..
Washington	..	..	..
White	229	..	229
Woodruff	..	..	..
Yell	14,007	..	14,007
Total	566,961	49,765	616,726

Table 4.--Pulpwood production in Louisiana, 1948

Parish	Pine	Hardwood	Total
	Standard cords		
Acadia	5,894	62	5,956
Allen	36,030	4,305	40,335
Ascension	3,712	..	3,712
Assumption	..	..	..
Avoyelles	102	..	102
Beauregard	9,318	362	9,680
Bienville	56,564	896	57,460
Bossier	26,364	163	26,527
Caddo	19,495	..	19,495
Calcasieu	24,578	..	24,578
Caldwell	15,961	303	16,264
Cameron	..	..	..
Catahoula	561	38	599
Claiborne	42,224	277	42,501
Concordia	..	..	..
De Soto	17,662	..	17,662
East Baton Rouge	4,319	297	4,616
East Carroll	..	1,975	1,975
East Feliciana	15,659	1,206	16,865
Evangeline	24,070	163	24,233
Franklin	81	..	81
Grant	16,842	127	16,969
Iberia	..	..	..
Iberville	..	..	..
Jackson	47,228	787	48,015
Jefferson	..	..	..
Jefferson Davis	13,466	683	14,149
Lafayette	..	..	..
Lafourche	..	..	..
La Salle	18,499	66	18,565
Lincoln	23,218	1,112	24,330
Livingston	50,371	2,402	52,773
Madison	..	6,736	6,736
Morehouse	3,861	2,246	6,107
Natchitoches	26,704	..	26,704
Orleans	..	..	..
Quachita	30,937	109	31,046
Plaquemines	..	..	..
Pointe Coupee	..	..	..
Rapides	40,499	462	40,961

Table 4.--Pulpwood production in Louisiana, 1948 (Continued)

Parish	Pine	Hardwood	Total
	Standard cords		
Red River	10,866	..	10,866
Richland	14	..	14
Sabine	23,265	..	23,265
St. Bernard	..	..	..
St. Charles	..	..	..
St. Helena	10,475	488	10,963
St. James	..	..	..
St. John the Baptist	..	..	..
St. Landry	934	15	949
St. Martin	..	..	..
St. Mary	..	..	..
St. Tammany	22,942	1,099	24,041
Tangipahoa	42,930	2,359	45,289
Tensas	..	..	..
Terrebonne	..	..	..
Union	54,674	10,916	65,590
Vermilion	..	..	..
Vernon	39,355	586	39,941
Washington	35,374	1,892	37,266
Webster	25,718	164	25,882
West Baton Rouge	..	..	..
West Carroll	..	..	..
West Feliciana	1,710	..	1,710
Winn	68,227	824	69,051
Total	910,703	43,120	953,823

Table 5.--Pulpwood production in Mississippi, 1948

County	Pine	Hardwood	Total
	Standard cords		
Adams	3,785	1,493	5,278
Alcorn	..	3,449	3,449
Amite	23,867	3,509	27,376
Attala	32,758	4,721	37,479
Benton	..	..	...
Bolivar	..	8,950	8,950
Calhoun	..	..	..
Carroll	1,355	176	1,531
Chickasaw	447	..	447
Choctaw	10,999	2,062	13,061
Claiborne	5,131	2,360	7,491
Clarke	31,219	3,528	34,747
Clay	1,318	242	1,560
Coahoma	..	..	..
Copiah	37,792	7,282	45,074
Covington	24,424	6,868	31,292
De Soto	..	..	..
Forrest	38,232	5,781	44,013
Franklin	54,109	9,017	63,126
George	15,050	1,788	16,838
Greene	27,789	2,052	29,841
Grenada	5,072	217	5,289
Hancock	32,656	212	32,868
Harrison	24,513	1,188	25,701
Hinds	10,991	1,603	12,594
Holmes	16,411	915	17,326
Humphreys	60	230	290
Issaquena	..	13,970	13,970
Itawamba	..	..	..
Jackson	75,225	..	75,225
Jasper	67,945	9,237	77,182
Jefferson	11,651	4,163	15,814
Jefferson Davis	21,125	4,930	26,055
Jones	48,957	6,181	55,138
Kemper	14,834	805	15,639
Lafayette	..	..	..
Lamar	19,354	3,044	22,398
Lauderdale	36,524	3,966	40,490
Lawrence	32,045	5,117	37,162
Leake	16,493	1,538	18,031

Table 5.--Pulpwood production in Mississippi, 1948 (Continued)

County	Pine	Hardwood	Total
	Standard cords		
Lee	..	..	..
Leflore	184	87	271
Lincoln	39,324	9,183	48,507
Lowndes	1,144	157	1,301
Madison	6,031	124	6,155
Marion	63,528	9,468	72,996
Marshall	..	..	..
Monroe	..	..	..
Montgomery	6,753	432	7,185
Neshoba	18,233	1,550	19,783
Newton	37,260	4,562	41,822
Noxubee	7,938	1,365	9,303
Oktibbeha	7,356	430	7,786
Panola	..	..	..
Pearl River	20,401	3,749	24,150
Perry	37,096	6,402	43,498
Pike	32,602	5,870	38,472
Pontotoc	..	..	..
Prentiss	..	675	675
Quitman	..	..	..
Rankin	42,353	6,319	48,672
Scott	48,618	7,112	55,730
Sharkey	867	280	1,147
Simpson	28,308	7,859	36,167
Smith	13,559	2,299	15,858
Stone	20,349	1,785	22,134
Sunflower	41	..	41
Tallahatchie	..	26	26
Tate	..	..	..
Tippah	..	..	..
Tishomingo	3,298	5,813	9,111
Tunica	..	..	..
Union	..	..	..
Walthall	11,402	2,311	13,713
Warren	15	709	724
Washington	15	3,855	3,870
Wayne	16,085	1,530	17,615
Webster	6,740	844	7,584
Wilkinson	6,391	1,214	7,605
Winston	7,449	662	8,111
Yalobusha	1,099	55	1,154
Yazoo	..	..	..
Total	1,226,570	207,321	1,433,891

Table 6.--Pulpwood production in Oklahoma, 1948

County 1/	Pine	Hardwood	Total
	- - - - - - - - Standard cords - - - - - -		
Choctaw	5,866	..	5,866
Latimer	1,063	..	1,063
Le Flore	20,638	16	20,654
McCurtain	4,400	29	4,429
Pittsburg	474	..	474
Pushmataha	1,801	32	1,833
Total	34,242	77	34,319

1/ Counties with no pulpwood production are omitted.

Table 7.--Pulpwood production in Tennessee, 1948

County	Pine	Hardwood	Chestnut	Total
	- - - - - - - - Standard cords - - - - - - - -			
Anderson	457	18	14	489
Bedford	..	..	15	15
Benton	..	2,437	..	2,437
Bledsoe	2,981	4,050	..	7,031
Blount	637	14	..	651
Bradley	1,807	127	..	1,934
Campbell	107	..	159	266
Cannon	..	..	510	510
Carroll	..	4,688	..	4,688
Carter	..	..	863	863
Cheatham	10	..	..	10
Chester	..	..	..	..
Claiborne	690	470	1,749	2,909
Clay	..	..	..	..
Cocke	5,555	1,716	10,383	17,654
Coffee	..	1,800	1,215	3,015
Crockett	..	..	..	..
Cumberland	9,941	9,014	198	19,153
Davidson	..	..	..	..
Decatur	..	..	..	..

Table 7.--Pulpwood production in Tennessee, 1948 (Continued)

County	Pine	Hardwood	Chestnut	Total
	Standard cords			
De Kalb	..	..	..	..
Dickson	..	..	60	60
Dyer	..	..	..	..
Fayette	..	..	..	..
Fentress	..	3,466	1,068	4,534
Franklin	17	..	..	17
Gibson	..	..	..	..
Giles	..	..	855	855
Grainger	12	..	31	43
Greene	104	..	295	399
Grundy	1,144	..	30	1,174
Hamblen	..	..	..	..
Hamilton	195	11	14	220
Hancock	..	..	..	..
Hardeman	31	2,963	..	2,994
Hardin	..	..	..	..
Hawkins	88	300	396	784
Haywood	..	..	..	..
Henderson	..	1,612	..	1,612
Henry	..	2,850	..	2,850
Hickman	..	488	525	1,013
Houston	..	..	30	30
Humphreys	..	..	..	..
Jackson	..	..	..	..
Jefferson	..	..	..	..
Johnson	..	..	2,669	2,669
Knox	62	..	..	62
Lake	..	..	..	..
Lauderdale	..	..	..	..
Lawrence	..	7,313	..	7,313
Lewis	..	338	105	443
Lincoln	..	..	15	15
Loudon	182	..	..	182
McMinn	9,445	742	255	10,442
McNairy	..	300	..	300
Macon	..	..	105	105
Madison	..	1,462	..	1,462
Marion	13	..	..	13
Marshall	..	..	195	195
Maury	..	..	75	75

Table 7.--Pulpwood production in Tennessee, 1948 (Continued)

County	Pine	Hardwood	Chestnut	Total
	Standard cords			
Meigs	..	..	..	..
Monroe	16,730	757	681	18,168
Montgomery	..	..	..	..
Moore	..	..	..	..
Morgan	280	1,162	..	1,442
Obion	..	..	..	..
Overton	645	..	..	645
Perry	..	..	..	..
Pickett	..	..	186	186
Polk	13,647	2,006	672	16,325
Putnam	104	7,704	9,077	16,885
Rhea	1,924	335	..	2,259
Roane	352	2,287	1,013	3,652
Robertson	..	..	90	90
Rutherford	..	..	135	135
Scott	146	2,362	..	2,508
Sequatchie	215	..	..	215
Sevier	..	..	392	392
Shelby	..	..	..	..
Smith	..	..	..	..
Stewart	..	..	..	..
Sullivan	69	..	20	89
Sumner	..	..	2,595	2,595
Tipton	..	..	..	..
Trousdale	16	..	..	16
Unicoi	..	18	2,736	2,754
Union	16	..	..	16
Van Buren	..	..	..	..
Warren	..	4,200	150	4,350
Washington	33	..	89	122
Wayne	..	..	..	..
Weakley	..	38	..	38
White	..	3,413	3,870	7,283
Williamson	..	..	..	..
Wilson	..	..	..	..
Total	67,655	70,461	43,535	181,651

Table 8.--Pulpwood production in Texas, 1948

County 1/	Pine	Hardwood	Total
	Standard cords		
Anderson	28,042	2,357	30,399
Angelina	36,093	981	37,074
Bastrop	39	190	229
Bowie	12,991	171	13,162
Burleson	..	14	14
Caldwell	..	59	59
Camp	5,040	..	5,040
Cass	25,862	..	25,862
Cherokee	58,004	2,881	60,885
Fayette	..	100	100
Franklin	696	..	696
Gregg	10,808	307	11,115
Grimes	8,485	146	8,631
Hardin	17,792	179	17,971
Harris	9,949	417	10,366
Harrison	4,157	..	4,157
Henderson	835	..	835
Houston	51,839	2,698	54,537
Jasper	32,782	4,571	37,353
Jefferson	4,264	..	4,264
Lee	..	1,369	1,369
Leon	13	17	30
Liberty	33,780	1,728	35,508
Marion	19,870	..	19,870
Montgomery	71,132	1,383	72,515
Morris	6,734	..	6,734
Nacogdoches	44,179	3,219	47,398
Newton	22,338	1,445	23,783
Orange	16,492	122	16,614
Panola	9,805	200	10,005
Polk	27,142	4,892	32,034
Red River	568	..	568
Rusk	17,221	1,438	18,659
Sabine	18,472	376	18,848
San Augustine	28,466	76	28,542
San Jacinto	21,660	608	22,268
Shelby	23,715	839	24,554
Smith	7,027	342	7,369
Titus	306	..	306
Trinity	37,201	1,806	39,007
Tyler	15,901	666	16,567
Upshur	11,268	..	11,268
Walker	28,905	3,311	32,216
Waller	184	..	184
Wood	14,658	..	14,658
Total	784,715	38,908	823,623

1/ Counties with no pulpwood production are omitted.