

Southern Pulpwood Production, 1970

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Forest Service, U. S. Department of Agriculture

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New Orleans, Louisiana

and

SOUTHEASTERN FOREST EXPERIMENT STATION

Asheville, North Carolina

of the

Forest Service, U. S. Department of Agriculture

in cooperation with

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AMERICAN PULPWOOD ASSOCIATION

1971

Southern pulpwood production climbed to 42,152,410 cords in 1970, exceeding last year's record by 3 percent. This increase is smaller than those of recent years. Pulping capacity also rose 3 percent to 83,316 tons per day, and four mills are currently under construction. Of the 119 mills processing southern pulpwood, 107 were located within the region.

Southern pulpwood production moved into the seventies with a record output of 42,152,410 cords. Roundwood output, residue use, and total production each expanded by about 3 percent during 1970. The increase of nearly 1.3 million cords was effected by the production of an additional 1,370,378 cords of softwood roundwood and 323,703 cord equivalents of hardwood residues. Output of softwood residues and hardwood roundwood declined during 1970.

Pulpwood production gains were recorded in seven of the Southern States. North Carolina had the largest increase, about 590,000 cords. Louisiana's output rose about 320,000 cords and South Carolina's about 190,000. Output did not rise in any of the three States where production is greatest. Georgia is still the leader, but 1970 output was less than 1969. Alabama, whose production was static, was second, and Mississippi was third despite a slight decline.

Roundwood production continued strong in 1970, with eight Southern States showing gains. Changes varied considerably by State and species, however; softwood roundwood output rose in nine States, while that of hardwood roundwood declined in nine States. North Carolina and Tennessee were the only States where production of both softwoods and hardwoods was up; output in both categories was down in Florida and Oklahoma. Although the overall change in roundwood species composition was not great during the year, the volume comprised by softwoods rose to slightly over three-fourths of the total. Of the hardwood volume, 40 percent was oak, 31 percent gums, and 29 percent other species. The use of gums appears to be declining while the volume of oaks and other hardwoods is increasing.

In 1970, 71 counties produced at least 100,000

cords of roundwood. Of these, 25 were in Southern States bordering the Atlantic. Alabama alone had 18. The three leading producers were: Choctaw County in Alabama, Beaufort in North Carolina, and Fairfield in South Carolina. These three produced more than a half million cords of roundwood. Choctaw and Fairfield have been among the top three counties in past years while Beaufort is a newcomer to the group.

The pulping of plant byproducts grew almost a quarter of a million cords in 1970. Gains in hardwood residue use were recorded in most States, while pulping of softwood residues increased in only four States. Arkansas, Oklahoma, and South Carolina were the only States in which production of both increased. The volume of softwood residues pulped in all States combined, declined slightly.

Changes in residue use probably relate to patterns of availability rather than species preferences. The pulping of byproducts began with pine in 1952, and 1970 was the first year since then in which use of chipped softwood byproducts declined. The amount of residues available for pulping is, of course, limited by the output of primary products. Utilization of pine byproducts may be approaching a practical limit, while a considerable volume of hardwood slabs, edgings, and other materials is not used.

Southern pulping capacity rose 3 percent in 1970. Two mills started up during the year, and construction was begun on another. Four mills are now under construction. In all, some 107 southern mills, plus 12 outside the region processed southern pulpwood.

The increases in production recorded in 1970 do not compare favorably with average increases over the past decade. During the six-

ties, total production grew at an average annual rate of 6 percent. Total output during 1970 exceeded that of 1969 by only 3.1 percent. The use of residues during the sixties was the most active component of pulpwood production—the average annual increase was almost 24 percent. The rise in 1970 was about 3 percent.

Only the 6 percent increase in production of softwood roundwood from 1969 to 1970 ex-

ceeded the average rate for the sixties. Changes in all other components—hardwood roundwood, and pine and hardwood residues—were off the paces set in the past decade. The relatively small gains made in 1970 probably reflect slow growth in the national economy. Gains in southern pulpwood production can be expected to return to former levels as the pace of the national economy quickens.

Table 1. *Pulpwood production in the South during 1970, and change since 1969*

State	Pulpwood	Change
	Thousand cords	Percent
Alabama	6,409.4	(¹)
Arkansas	2,574.2	(²)
Florida	3,425.2	- 1
Georgia	7,280.6	(²)
Louisiana	3,915.9	+ 9
Mississippi	5,053.9	(²)
North Carolina	4,107.5	+ 17
Oklahoma	196.7	+ 3
South Carolina	3,300.8	+ 6
Tennessee	567.3	+ 32
Texas	2,917.6	+ 3
Virginia	2,403.3	(²)
All States	42,152.4	+ 3

¹ Less than 0.5 percent increase.

² Less than 0.5 percent decrease.

Table 2. *Roundwood production in the South, by State and species group, 1970*

State	All species	Softwood	Hardwood			
			Total	Gums	Oaks	Other hardwoods
----- Thousand cords -----						
Alabama	5,188.6	3,676.1	1,512.5	468.0	530.2	514.3
Arkansas	1,667.6	1,122.9	544.7	63.4	389.3	92.0
Florida	2,941.9	2,708.2	233.7	41.8	90.2	101.7
Georgia	6,178.3	5,584.8	593.5	212.6	231.9	149.0
Louisiana	2,989.4	2,248.3	741.1	252.9	243.3	244.9
Mississippi	4,124.3	3,073.6	1,050.7	365.9	325.8	359.0
North Carolina	3,415.0	2,381.5	1,033.5	465.5	375.3	192.7
Oklahoma	93.1	49.5	43.6	5.9	7.2	30.5
South Carolina	2,557.6	2,009.1	548.5	205.2	191.6	151.7
Tennessee	436.9	190.1	246.8	17.9	168.7	60.2
Texas	2,092.6	1,819.7	272.9	82.2	141.5	49.2
Virginia	1,862.0	962.1	899.9	183.4	398.1	318.4
All States	33,547.3	25,825.9	7,721.4	2,364.7	3,093.1	2,263.6

Table 3. Roundwood production in the South, by State and species group, 1970 and 1969

State	Change from 1969	1970			1969		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
<i>Percent</i>		<i>Thousand cords</i>					
Alabama	+ 1	5,188.6	3,676.1	1,512.5	5,135.7	3,556.6	1,579.1
Arkansas	- 4	1,667.6	1,122.9	544.7	1,743.0	1,121.8	621.2
Florida	- 3	2,941.9	2,708.2	233.7	3,020.7	2,752.2	268.5
Georgia	+ 1	6,178.3	5,584.8	593.5	6,108.5	5,385.4	723.1
Louisiana	+ 10	2,989.4	2,248.3	741.1	2,719.5	1,947.9	771.6
Mississippi	(¹)	4,124.3	3,073.6	1,050.7	4,128.6	3,023.5	1,105.1
North Carolina	+ 21	3,415.0	2,381.5	1,033.5	2,829.9	1,910.1	919.8
Oklahoma	- 20	93.1	49.5	43.6	117.0	55.0	62.0
South Carolina	+ 2	2,557.6	2,009.1	548.5	2,504.8	1,884.2	620.6
Tennessee	+ 20	436.9	190.1	246.8	364.7	167.9	196.8
Texas	+ 4	2,092.6	1,819.7	272.9	2,008.0	1,654.5	353.5
Virginia	+ 2	1,862.0	962.1	899.9	1,830.2	996.4	833.8
All States	+ 3	33,547.3	25,825.9	7,721.4	32,510.6	24,455.5	8,055.1

¹ Less than 0.5 percent decrease.

Table 4. Southern output of wood residues for pulp manufacture, by State and species group, 1970 and 1969

State	Change from 1969	1970			1969		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
<i>Percent - - - - - Thousand cords - - - - -</i>							
Alabama	- 2	1,220.8	963.0	257.8	1,243.0	964.7	278.3
Arkansas	+ 8	906.6	733.8	172.8	836.0	688.6	147.4
Florida	+ 14	483.3	391.0	92.3	425.4	330.3	95.1
Georgia	- 8	1,102.3	916.3	186.0	1,195.0	1,013.4	181.6
Louisiana	+ 6	926.5	637.5	289.0	876.8	707.9	168.9
Mississippi	- 1	929.6	671.1	258.5	942.7	678.2	264.5
North Carolina	+ 1	692.5	493.0	199.5	687.0	531.3	155.7
Oklahoma	+ 41	103.6	98.9	4.7	73.7	70.4	3.3
South Carolina	+ 22	743.2	568.3	174.9	607.6	471.7	135.9
Tennessee	+ 99	130.4	12.1	118.3	65.6	12.8	52.8
Texas	(¹)	825.0	758.1	66.9	826.0	785.6	40.4
Virginia	- 7	541.3	326.5	214.8	579.6	391.7	187.9
All States	+ 3	8,605.1	6,569.6	2,035.5	8,358.4	6,646.6	1,711.8

¹ Less than 0.5 percent decrease.

Table 5. *Southern output of wood residues for pulp manufacture, by State and type of residue, 1970*

State	All types	Chips			Other residues ¹		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
----- Thousand cords -----							
Alabama	1,220.8	1,156.7	899.6	257.1	64.1	63.4	0.7
Arkansas	906.6	879.9	727.2	152.7	26.7	6.6	20.1
Florida	483.3	483.3	391.0	92.3	...	...	...
Georgia	1,102.3	1,097.4	914.6	182.8	4.9	1.7	3.2
Louisiana	926.5	839.0	612.7	226.3	87.5	24.8	62.7
Mississippi	929.6	859.0	633.3	225.7	70.6	37.8	32.8
North Carolina	692.5	659.3	467.4	191.9	33.2	25.6	7.6
Oklahoma	103.6	103.6	98.9	4.7	(²)	(²)	...
South Carolina	743.2	704.9	532.2	172.7	38.3	36.1	2.2
Tennessee	130.4	130.4	12.1	118.3	...	...	...
Texas	825.0	688.7	621.8	66.9	136.3	136.3	...
Virginia	541.3	519.0	308.8	210.2	22.3	17.7	4.6
All States	8,605.1	8,121.2	6,219.6	1,901.6	483.9	350.0	133.9

¹ Veneer cores, pole and piling trim, cull crossties, sawdust and secondary residues.

² Negligible.

Table 6. *Southern pulpwood production by Experiment Station territory, 1970*

Station and source of wood	All species	Softwood	Hardwood
----- Standard cords -----			
Southeastern:			
Roundwood	16,954,807	13,645,713	3,309,094
Residues	3,562,621	2,695,148	867,473
Total	20,517,428	16,340,861	4,176,567
Southern:			
Roundwood	16,592,538	12,180,192	4,412,346
Residues	5,042,444	3,874,436	1,168,008
Total	21,634,982	16,054,628	5,580,354
Both stations:			
Roundwood	33,547,345	25,825,905	7,721,440
Residues	8,605,065	6,569,584	2,035,481
Total	42,152,410	32,395,489	9,756,921

Table 7. Round pulpwood production in Alabama, 1970

County	All species	Softwood	Hardwood
- - - - Standard cords - - - -			
Autauga	64,119	41,405	22,714
Baldwin	186,643	143,399	43,244
Barbour	99,200	72,311	26,889
Bibb	79,952	65,414	14,538
Blount	31,241	31,218	23
Bullock	48,216	37,986	10,230
Butler	187,368	113,505	73,863
Calhoun	52,213	48,663	3,550
Chambers	70,821	43,385	27,436
Cherokee	26,464	21,341	5,123
Chilton	77,175	57,244	19,931
Choctaw	235,637	107,525	128,112
Clarke	187,134	86,752	100,382
Clay	78,184	53,794	24,390
Cleburne	54,417	46,390	8,027
Coffee	42,789	29,643	13,146
Colbert	5,337	5,246	91
Conecuh	148,838	104,968	43,870
Coosa	128,516	83,312	45,204
Covington	169,801	137,049	32,752
Crenshaw	79,396	53,893	25,503
Cullman	42,343	40,287	2,056
Dale	93,984	49,194	44,790
Dallas	112,820	56,824	55,996
De Kalb	18,090	16,192	1,898
Elmore	60,536	57,219	3,317
Escambia	133,741	113,193	20,548
Etowah	27,348	26,278	1,070
Fayette	41,032	38,985	2,047
Franklin	18,009	17,683	326
Geneva	41,313	29,117	12,196
Greene	66,529	39,530	26,999
Hale	56,954	34,325	22,629
Henry	80,425	53,223	27,202
Houston	49,811	34,076	15,735

County	All species	Softwood	Hardwood
- - - - Standard cords - - - -			
Jackson	7,142	4,588	2,554
Jefferson	30,504	28,483	2,021
Lamar	35,627	33,235	2,392
Lauderdale	6,262	5,475	787
Lawrence	348	333	15
Lee	121,337	102,142	19,195
Limestone	340	340	...
Lowndes	57,336	36,899	20,437
Macon	40,530	38,541	1,989
Madison	134	134	...
Marengo	198,338	115,636	82,702
Marion	42,742	42,118	624
Marshall	15,736	15,736	...
Mobile	111,989	87,306	24,683
Monroe	196,250	123,962	72,288
Montgomery	86,472	50,595	35,877
Morgan	935	935	...
Perry	69,501	46,333	23,168
Pickens	89,867	48,646	41,221
Pike	94,111	75,132	18,979
Randolph	115,889	100,696	15,193
Russell	75,947	70,386	5,561
St. Clair	63,064	59,884	3,180
Shelby	55,779	44,739	11,040
Sumter	114,331	54,840	59,491
Talledega	66,620	53,218	13,402
Tallapoosa	154,632	115,154	39,478
Tuscaloosa	58,815	51,850	6,965
Walker	63,788	61,422	2,366
Washington	174,397	120,305	54,092
Wilcox	112,224	66,223	46,001
Winston	31,156	30,220	936
All counties	5,188,539	3,676,075	1,512,464

Table 8. Round pulpwood production in Arkansas, 1970

County ¹	All species	Softwood	Hardwood
- - - - Standard cords - - - -			
Ashley	84,354	58,010	26,344
Bradley	18,684	9,628	9,056
Calhoun	56,579	37,491	19,088
Chicot	13,064	...	13,064
Clark	74,630	51,907	22,723
Cleburne	27,719	23,958	3,761
Cleveland	36,689	21,439	15,250
Columbia	69,638	54,091	15,547
Conway	30,808	26,960	3,848
Craighead	12	...	12
Crawford	3,158	631	2,527
Crittenden	615	...	615
Dallas	89,557	54,368	35,189
Desha	7,866	4	7,862
Drew	86,021	48,479	37,542
Faulkner	215	...	215
Franklin	1,208	1,050	158
Garland	14,642	11,102	3,540
Grant	134,666	78,844	55,822
Hempstead	43,974	34,516	9,458
Hot Spring	53,087	34,364	18,723
Howard	29,559	20,348	9,211
Independence	8,367	4,892	3,475
Izard	4,409	3,523	886
Jackson	673	41	632
Jefferson	39,505	19,804	19,701
Johnson	14,788	10,280	4,508
Lafayette	44,640	29,770	14,870
Lee	4,540	148	4,392
Lincoln	7,784	2,807	4,977
Little River	38,346	27,317	11,029

County ¹	All species	Softwood	Hardwood
- - - - Standard cords - - - -			
Logan	11,536	10,737	799
Lonoke	6,556	266	6,290
Miller	22,282	14,379	7,903
Mississippi	1,538	...	1,538
Monroe	113	80	33
Montgomery	22,957	17,489	5,468
Nevada	76,512	59,777	16,735
Newton	19	12	7
Ouachita	45,551	33,108	12,443
Perry	6,216	5,584	632
Phillips	11,435	...	11,435
Pike	46,696	38,476	8,220
Polk	27,421	23,440	3,981
Pope	17,654	14,427	3,227
Prairie	680	5	675
Pulaski	29,558	23,671	5,887
St. Francis	1,224	144	1,080
Saline	57,690	37,088	20,602
Scott	12,742	12,046	696
Sebastian	240	210	30
Sevier	43,925	25,875	18,050
Stone	1,118	1,050	68
Union	118,878	91,879	26,999
Van Buren	17,755	16,766	989
White	10,557	2,471	8,086
Woodruff	824	...	824
Yell	36,116	28,185	7,931
All counties	1,667,590	1,122,937	544,653

¹ Counties with no pulpwood production are omitted.

Table 9. Round pulpwood production in Florida, 1970

County ¹	All species	Softwood	Hardwood
- - - Standard cords - - -			
Alachua	58,630	43,612	15,018
Baker	101,869	101,869	...
Bay	83,155	83,135	20
Bradford	65,937	65,675	262
Brevard	910	910	...
Calhoun	89,149	84,189	4,960
Charlotte	1,163	1,163	...
Citrus	2,379	2,379	...
Clay	79,091	77,490	1,601
Collier	5,851	5,851	...
Columbia	95,309	91,839	3,470
Dade	910	910	...
De Soto	3,389	3,389	...
Dixie	99,432	70,693	28,739
Duval	77,340	75,283	2,057
Escambia	43,980	42,896	1,084
Flagler	40,376	35,837	4,539
Franklin	61,716	61,335	381
Gadsden	52,595	48,258	4,337
Gilchrist	22,470	16,758	5,712
Glades	3,438	3,438	...
Gulf	37,808	24,026	13,782
Hamilton	74,722	74,722	...
Hardee	20,296	20,296	...
Hendry	13,114	13,114	...
Hernando	9,492	8,078	1,414
Highlands	6,564	6,564	...
Hillsborough	3,181	3,181	...
Holmes	76,622	66,008	10,614
Jackson	104,483	78,534	25,949
Jefferson	50,174	46,524	3,650
Lafayette	101,663	101,663	...
Lake	2,877	2,877	...
Lee	7,997	7,997	...

County ¹	All species	Softwood	Hardwood
- - - Standard cords - - -			
Leon	51,255	50,749	506
Levy	96,680	85,500	11,180
Liberty	75,662	63,105	12,557
Madison	88,585	84,441	4,144
Manatee	1,619	1,619	...
Marion	100,972	85,835	15,137
Martin	42	42	...
Nassau	131,549	131,546	3
Okaloosa	20,199	17,020	3,179
Okeechobee	2,263	2,263	...
Orange	221	221	...
Osceola	15,112	15,091	21
Palm Beach	1,873	1,873	...
Pasco	4,064	4,064	...
Pinellas	291	291	...
Polk	23,045	23,045	...
Putnam	56,586	43,354	13,232
St. Johns	77,772	72,815	4,957
St. Lucie	422	422	...
Santa Rosa	103,488	103,147	341
Sarasota	6,131	6,131	...
Seminole	10,969	10,969	...
Sumter	2,706	2,706	...
Suwannee	54,421	47,588	6,833
Taylor	160,985	158,893	2,092
Union	69,945	64,537	5,408
Volusia	49,704	48,660	1,044
Wakulla	52,696	51,996	700
Walton	86,358	75,531	10,827
Washington	98,241	84,244	13,997
All counties	2,941,938	2,708,191	233,747

¹ Counties with no pulpwood production are omitted.

Table 10. Round pulpwood production in Georgia, 1970

County	All species	Softwood	Hardwood
- - - - Standard cords - - - -			
Appling	128,248	123,551	4,697
Atkinson	85,307	84,369	938
Bacon	57,129	56,869	260
Baker	30,031	20,629	9,402
Baldwin	23,473	19,551	3,922
Banks	9,788	8,522	1,266
Barrow	17,475	15,532	1,943
Bartow	16,250	15,718	532
Ben Hill	84,596	84,209	387
Berrien	61,399	58,329	3,070
Bibb	13,867	10,881	2,986
Bleckley	25,513	16,681	8,832
Brantley	176,328	163,835	12,493
Brooks	51,487	45,494	5,993
Bryan	71,282	66,956	4,326
Bulloch	51,040	48,197	2,843
Burke	56,683	33,066	23,617
Butts	30,078	28,606	1,472
Calhoun	38,790	32,304	6,486
Camden	101,488	89,329	12,159
Candler	24,639	21,078	3,561
Carroll	57,748	56,206	1,542
Catoosa	7,759	7,243	516
Charlton	106,767	103,387	3,380
Chatham	15,680	14,622	1,058
Chattahoochee	39,253	34,262	4,991
Chattooga	19,486	18,611	875
Cherokee	48,543	47,100	1,443
Clarke	5,954	5,654	300
Clay	20,312	17,182	3,130
Clayton	8,940	6,824	2,116
Clinch	165,084	165,084	...
Cobb	17,554	16,924	630
Coffee	86,036	84,097	1,939
Colquitt	54,794	45,396	9,398
Columbia	40,898	34,752	6,146
Cook	9,367	9,317	50
Coweta	43,749	41,285	2,464
Crawford	50,727	48,634	2,093
Crisp	12,256	12,208	48
Dade	1,209	1,161	48
Dawson	13,089	13,089	...
Decatur	41,614	38,820	2,794
De Kalb	13,777	9,919	3,858
Dodge	91,235	81,239	9,996
Dooly	17,844	9,578	8,266
Dougherty	71,491	64,332	7,159
Douglas	21,692	20,667	1,025
Early	29,826	25,579	4,247
Echols	66,317	64,121	2,196
Effingham	45,595	40,773	4,822
Elbert	56,453	51,460	4,993
Emanuel	86,728	83,378	3,350
Evans	24,017	22,381	1,636
Fannin	17,978	8,940	9,038
Fayette	11,443	11,060	383
Floyd	32,520	30,424	2,096
Forsyth	6,179	6,158	21
Franklin	24,972	18,519	6,453
Fulton	16,584	16,552	32

County	All species	Softwood	Hardwood
- - - - Standard cords - - - -			
Gilmer	10,502	7,906	2,596
Glascock	5,214	4,788	426
Glynn	72,318	57,893	14,425
Gordon	21,940	21,118	822
Grady	23,992	18,788	5,204
Greene	58,724	50,980	7,744
Gwinnett	26,614	26,320	294
Habersham	10,920	6,152	4,768
Hall	27,415	27,182	233
Hancock	55,821	48,678	7,143
Haralson	25,234	22,821	2,413
Harris	64,015	62,344	1,671
Hart	3,762	3,679	83
Heard	33,629	33,502	127
Henry	35,286	29,150	6,136
Houston	38,320	34,283	4,037
Irwin	2,902	2,902	...
Jackson	24,562	23,852	710
Jasper	25,525	25,056	469
Jeff Davis	53,359	48,492	4,867
Jefferson	35,128	26,325	8,803
Jenkins	29,592	23,876	5,716
Johnson	40,251	26,114	14,137
Jones	52,131	49,349	2,782
Lamar	22,659	22,366	293
Lanier	17,560	17,560	...
Laurens	63,928	48,034	15,894
Lee	10,894	10,838	56
Liberty	103,170	93,300	9,870
Lincoln	29,119	26,987	2,132
Long	53,797	52,665	1,132
Lowndes	30,110	30,110	...
Lumpkin	5,664	5,639	25
McDuffie	22,297	18,366	3,931
McIntosh	62,838	60,108	2,730
Macon	53,785	38,026	15,759
Madison	14,614	13,955	659
Marion	30,626	29,364	1,262
Meriwether	54,478	53,409	1,069
Miller	14,416	13,038	1,378
Mitchell	49,126	42,351	6,775
Monroe	44,469	40,554	3,915
Montgomery	47,357	45,828	1,529
Morgan	15,431	13,638	1,793
Murray	25,531	22,542	2,989
Muscogee	9,000	8,859	141
Newton	22,915	22,311	604
Oconee	21,916	18,494	3,422
Oglethorpe	32,320	29,485	2,835
Paulding	33,500	30,668	2,832
Peach	12,354	11,410	944
Pickens	23,859	22,805	1,054
Pierce	55,659	55,359	300
Pike	9,611	9,481	130
Polk	24,569	22,924	1,645
Pulaski	33,126	22,511	10,615
Putnam	49,701	41,807	7,894

Table 10. Round pulpwood production in Georgia, 1970 (Continued)

County	All species	Softwood	Hardwood	County	All species	Softwood	Hardwood
- - - Standard cords - - -				- - - Standard cords - - -			
Quitman	17,051	15,986	1,065	Treutlen	26,724	25,368	1,356
Rabun	8,427	...	8,427	Troup	85,555	82,381	3,174
Randolph	61,589	41,547	20,042	Turner	13,499	13,461	38
Richmond	13,757	10,454	3,303	Twiggs	27,539	21,212	6,327
Rockdale	3,650	2,046	1,604	Union	7,437	5,363	2,074
Schley	14,027	14,027	...	Upson	38,163	36,415	1,748
Screven	45,133	33,837	11,296	Walker	14,473	13,039	1,434
Seminole	10,878	10,253	625	Walton	15,610	13,471	2,139
Spalding	19,070	18,871	199	Ware	175,931	175,426	505
Stephens	15,746	7,610	8,136	Warren	23,996	21,353	2,643
Stewart	60,592	57,244	3,348	Washington	58,488	47,051	11,437
Sumter	25,009	23,554	1,455	Wayne	195,572	178,827	16,745
Talbot	45,307	43,476	1,831	Webster	27,683	26,478	1,205
Taliaferro	7,064	6,264	800	Wheeler	63,344	60,434	2,910
Tattnall	61,491	58,213	3,278	White	2,438	2,431	7
Taylor	39,966	39,495	471	Whitfield	14,189	13,487	702
Telfair	60,041	57,569	2,472	Wilcox	53,266	48,677	4,589
Terrell	23,443	23,392	51	Wilkes	53,469	48,541	4,928
Thomas	56,384	39,765	16,619	Wilkinson	54,519	44,029	10,490
Tift	16,314	15,615	699	Worth	39,815	38,780	1,035
Toombs	46,474	41,418	5,056				
Towns	1,199	951	248	All counties	6,178,238	5,584,797	593,441

Table 11. Round pulpwood production in Louisiana, 1970.

Parish ¹	All species	Softwood	Hardwood	Parish ¹	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Acadia	17,787	17,644	143	Madison	24,292	17	24,275
Allen	85,173	81,294	3,879	Morehouse	61,098	33,824	27,274
Ascension	25,166	4,715	20,451	Natchitoches	80,412	69,535	10,877
Avoyelles	30,299	5,236	25,063	Orleans	14	...	14
Beauregard	169,724	163,343	6,381	Ouachita	54,906	35,635	19,271
Bienville	164,375	132,371	32,004	Pointe Coupee	45,188	...	45,188
Bossier	73,447	57,961	15,486	Rapides	165,159	119,332	45,827
Caddo	41,294	34,198	7,096	Red River	29,967	24,222	5,745
Calcasieu	43,794	41,287	2,507	Richland	430	172	258
Caldwell	60,112	46,424	13,688	Sabine	181,453	161,951	19,502
Cameron	132	132	...	St. Helena	61,787	46,985	14,802
Catahoula	50,764	22,154	28,610	St. Landry	24,881	3,289	21,592
Claiborne	71,049	60,853	10,196	St. Martin	850	...	850
Concordia	36,680	6	36,674	St. Tammany	38,904	37,423	1,481
De Soto	105,472	98,411	7,061	Tangipahoa	52,538	41,742	10,796
East Baton Rouge	5,067	327	4,740	Tensas	11,694	7	11,687
East Carroll	13,904	...	13,904	Terrebonne	7	7	...
East Feliciana	29,389	20,349	9,040	Union	194,800	131,645	63,155
Evangeline	27,963	21,839	6,124	Vermilion	30	26	4
Franklin	1,215	715	500	Vernon	189,262	176,748	12,514
Grant	77,633	53,154	24,479	Washington	156,522	124,695	31,827
Iberia	22	...	22	Webster	46,277	39,372	6,905
Iberville	3,461	...	3,461	West Baton Rouge	3,899	...	3,899
Jackson	95,077	74,532	20,545	West Carroll	53	...	53
Jefferson Davis	9,525	9,251	274	West Feliciana	9,817	2,266	7,551
La Salle	96,294	81,084	15,210	Winn	75,067	55,537	19,530
Lincoln	68,338	55,157	13,181	All parishes	2,989,446	2,248,319	741,127
Livingston	76,983	61,452	15,531				

¹ Parishes with no pulpwood production are omitted.

Table 12. Round pulpwood production in Mississippi, 1970

County ¹	All species	Softwood	Hardwood
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- - - - Standard cords

- - - - Standard cords

Adams	36,521	3,249	33,272
Alcorn	17,193	15,886	1,307
Amite	89,346	80,053	9,293
Attala	94,701	72,364	22,337
Benton	16,533	11,972	4,561
Bolivar	10,557	68	10,489
Calhoun	9,555	7,589	1,966
Carroll	9,412	4,583	4,829
Chickasaw	28,666	22,938	5,728
Choctaw	37,750	23,634	14,116
Claborn	46,067	15,286	30,781
Clarke	181,466	130,647	50,819
Clay	7,318	6,098	1,220
Coahoma	854	52	802
Copiah	116,081	83,975	32,106
Covington	74,000	60,193	13,807
Forrest	51,202	44,717	6,485
Franklin	53,732	31,598	22,134
George	43,599	33,557	10,042
Greene	97,384	65,441	31,943
Grenada	4,363	2,343	2,020
Hancock	89,736	87,197	2,539
Harrison	168,630	166,720	1,910
Hinds	35,597	15,338	20,259
Holmes	47,233	25,000	22,233
Humphreys	7,435	24	7,411
Issaquena	15,829	5	15,824
Itawamba	36,594	35,361	1,233
Jackson	71,178	66,679	4,499
Jasper	123,122	101,168	21,954
Jefferson	72,240	29,749	42,491
Jefferson Davis	50,737	45,273	5,464
Jones	113,006	82,113	30,893
Kemper	81,222	53,963	27,259
Lafayette	18,357	10,172	8,185
Lamar	104,118	91,176	12,942
Lauderdale	110,297	77,807	32,490
Lawrence	76,568	71,773	4,795
Leake	71,851	61,417	10,434
Lee	6,833	6,776	57
Leflore	3,061	576	2,485
Lincoln	100,076	83,184	16,892
Lowndes	6,306	4,800	1,506
- - - - Standard cords			
Nadison	48,157	48,157	26,281
Marion	94,784	79,137	15,647
Marshall	18,191	9,714	8,477
Monroe	14,895	11,392	3,503
Montgomery	36,551	29,027	7,524
Neshoba	66,070	49,094	16,976
Newton	96,365	72,452	23,913
Noxubee	43,341	30,285	13,056
Okfuskeena	21,267	14,398	6,869
Panola	11,462	1,727	9,735
Pearl River	187,664	161,876	25,788
Perry	85,466	74,376	11,090
Pike	65,607	54,049	11,558
Pontotoc	18,613	14,969	3,644
Prentiss	18,420	16,459	1,961
Quitman	20	20	...
Rankin	93,171	62,985	30,186
Scott	62,277	49,088	13,189
Sharkey	7,162	32	7,130
Simpson	70,732	59,509	11,223
Smith	40,166	30,128	10,038
Stone	74,750	60,192	14,558
Tallahatchie	2,593	256	2,337
Tate	5,315	236	5,079
Tippah	21,879	18,575	3,304
Tishomingo	21,067	28,397	6,700
Tunica	18,846	9,715	9,131
Union	3,322	1,577	1,745
Walsh	57,978	50,292	7,686
Warren	16,209	1,125	15,084
Washington	14,445	..	14,445
Wayne	102,467	79,484	22,983
Webster	44,233	38,088	6,145
Wilkinson	88,393	45,092	43,301
Winston	54,858	42,864	11,994
Yalobusha	29,188	17,138	12,050
Yazoo	17,796	1,072	16,724
- - - - Standard cords			
All counties	4,124,346	3,073,615	1,050,731

¹ Counties with no pulpwood production are omitted.

Table 13. Round pulpwood production in North Carolina, 1970

County ¹	All species	Softwood	Hardwood	County ¹	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Alamance	8,973	4,962	4,011	Lee	20,765	13,761	7,004
Alexander	6,462	6,232	230	Lenoir	17,195	16,042	1,153
Anson	77,081	52,398	24,683	Lincoln	10,364	6,497	3,867
Avery	1,115	3	1,112	McDowell	18,701	8,105	10,596
Beaufort	210,409	162,859	47,550	Macon	9,620	...	9,620
Bertie	75,822	42,752	33,070	Madison	6,822	3,407	3,415
Bladen	58,658	44,705	13,953	Martin	100,197	81,822	18,375
Brunswick	70,998	58,221	12,777	Mecklenburg	15,870	10,502	5,368
Buncombe	37,713	13,969	23,744	Mitchell	2,129	5	2,124
Burke	38,188	23,593	14,595	Montgomery	36,355	23,553	12,802
Cabarrus	9,907	6,383	3,524	Moore	58,043	42,830	15,213
Caldwell	10,543	7,110	3,433	Nash	35,962	19,923	16,039
Camden	2,773	676	2,097	New Hanover	5,933	4,115	1,818
Carteret	18,625	16,526	2,099	Northampton	46,978	22,530	24,448
Caswell	9,544	1,763	7,781	Onslow	148,423	119,681	28,742
Catawba	7,186	5,353	1,833	Orange	15,978	9,698	6,280
Chatham	52,953	31,113	21,840	Pamlico	62,666	51,947	10,719
Cherokee	28,535	18,329	10,206	Pasquotank	9,806	5,941	3,865
Chowan	7,022	1,996	5,026	Pender	59,575	49,719	9,856
Clay	3,567	3,139	428	Perquimans	53,327	35,981	17,346
Cleveland	13,946	10,656	3,290	Person	21,332	8,975	12,357
Columbus	83,787	62,818	20,969	Pitt	36,717	31,564	5,153
Craven	186,964	155,957	31,007	Polk	16,665	5,834	10,831
Cumberland	45,975	31,291	14,684	Randolph	30,460	13,865	16,595
Currituck	1,059	129	930	Richmond	65,205	57,823	7,382
Dare	48,074	44,421	3,653	Robeson	63,755	52,890	10,865
Davidson	18,273	16,060	2,213	Rockingham	22,997	17,470	5,527
Davie	12,733	8,643	4,090	Rowan	8,069	6,526	1,543
Duplin	53,766	32,537	21,229	Rutherford	44,224	24,704	19,520
Durham	26,934	10,460	16,474	Sampson	59,444	43,108	16,336
Edgecombe	16,120	10,485	5,635	Scotland	94,379	91,250	3,129
Forsyth	10,019	8,008	2,011	Stanly	21,166	9,560	11,606
Franklin	75,064	43,249	31,815	Stokes	6,826	5,111	1,715
Gaston	8,483	6,880	1,603	Surry	26,007	22,038	3,969
Gates	26,579	14,768	11,811	Swain	6,419	4,852	1,567
Graham	4,088	2,526	1,562	Transylvania	18,291	2,068	16,223
Granville	32,893	15,448	17,445	Tyrrell	88,708	73,602	15,106
Greene	8,967	8,545	422	Union	44,876	26,226	18,650
Guilford	16,349	9,302	7,047	Vance	19,770	10,405	9,365
Halifax	59,192	35,061	24,131	Wake	54,838	40,206	14,632
Harnett	19,479	10,507	8,972	Warren	82,022	64,939	17,083
Haywood	12,398	2,524	9,874	Washington	29,812	19,911	9,901
Henderson	30,533	8,206	22,327	Wayne	15,951	12,204	3,747
Hertford	21,941	5,742	16,199	Wilkes	10,887	6,841	4,046
Hoke	22,168	16,595	5,573	Wilson	18,395	11,164	7,231
Hyde	31,924	25,297	6,627	Yadkin	4,638	4,262	376
Iredell	35,590	24,129	11,461	All counties	3,415,006	2,381,503	1,033,503
Jackson	27,594	1,831	25,763				
Johnston	18,598	8,761	9,837				
Jones	62,880	55,128	7,752				

¹ Counties with no pulpwood production are omitted.

Table 14. Round pulpwood production in Oklahoma, 1970

County ¹	All species	Softwood	Hardwood	County ¹	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Alfalfa	122	...	122	McCurtain	39,819	27,280	12,539
Blaine	1,621	...	1,621	Mayes	1,470	...	1,470
Canadian	3,857	...	3,857	Muskogee	1,832	...	1,832
Choctaw	3,622	2,451	1,171	Okfuskee	1,677	...	1,677
Dewey	22	...	22	Oklahoma	1,023	...	1,023
Garvin	1,352	...	1,352	Ottawa	1,548	...	1,548
Grady	3,973	...	3,973	Pushmataha	12,353	10,426	1,927
Haskell	2,244	...	2,244	Rogers	40	...	40
Hughes	805	...	805	Sequoyah	758	...	758
Jefferson	1,142	...	1,142	Wagoner	1,470	...	1,470
Johnston	585	...	585	Washita	1,209	...	1,209
Latimer	644	644	...	Woodward	897	...	897
Le Flore	8,993	8,629	364	All counties	93,078	49,430	43,648

¹ Counties with no pulpwood production are omitted.

Table 15. Round pulpwood production in South Carolina, 1970

County	All species	Softwood	Hardwood	County	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Abbeville	33,848	29,257	4,591	Jasper	30,266	26,803	3,463
Aiken	51,193	44,235	6,958	Kershaw	119,819	97,193	22,626
Allendale	25,336	20,426	4,910	Lancaster	68,687	47,523	21,164
Anderson	26,323	19,760	6,563	Laurens	65,774	50,982	14,792
Bamberg	29,155	19,505	9,650	Lee	23,101	18,348	4,753
Barnwell	24,625	24,084	541	Lexington	34,655	28,342	6,313
Beaufort	17,610	15,710	1,900	McCormick	105,529	97,126	8,403
Berkeley	77,284	60,207	17,077	Marion	61,399	33,777	27,622
Calhoun	8,961	7,920	1,041	Marlboro	49,833	20,788	29,045
Charleston	45,371	38,644	6,727	Newberry	115,200	98,174	17,026
Cherokee	16,944	15,439	1,505	Oconee	40,070	19,409	20,661
Chester	79,930	62,506	17,424	Orangeburg	45,805	40,055	5,750
Chesterfield	82,212	64,041	18,171	Pickens	17,941	14,725	3,216
Clarendon	49,885	36,825	13,060	Richland	62,921	52,119	10,802
Colleton	68,858	52,558	16,300	Saluda	51,694	42,651	9,043
Darlington	50,883	34,628	16,255	Spartanburg	28,679	19,495	9,184
Dillon	13,927	10,781	3,146	Sumter	37,021	26,045	10,976
Dorchester	40,214	30,792	9,422	Union	72,121	63,036	9,085
Edgefield	73,542	62,296	11,246	Williamsburg	49,941	30,593	19,348
Fairfield	198,674	167,434	31,240	York	61,559	44,094	17,465
Florence	48,884	36,444	12,440	All counties	2,557,589	2,009,093	548,496
Georgetown	132,497	103,570	28,927				
Greenville	15,028	14,001	1,027				
Greenwood	78,189	68,912	9,277				
Hampton	39,980	31,757	8,223				
Horry	86,221	66,083	20,138				

Table 16. Round pulpwood production in Tennessee, 1970

County ¹	All species	Softwood	Hardwood	County ¹	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Anderson	6,008	2,384	3,624	Johnson	3,816	...	3,816
Benton	6,134	434	5,700	Knox	5,254	3,520	1,734
Bledsoe	9,646	6,875	2,771	Lawrence	364	330	34
Blount	11,992	8,805	3,187	Lewis	5,687	11	5,676
Bradley	16,689	14,682	2,007	Loudon	6,866	1,908	4,958
Campbell	8,022	2,711	5,311	McMinn	24,740	20,781	3,959
Carroll	3,092	233	2,859	McNairy	8,925	7,467	1,458
Carter	3,592	114	3,478	Madison	690	400	290
Chester	1,679	1,040	639	Meigs	12,649	6,444	6,205
Claiborne	243	...	243	Monroe	23,041	14,331	8,710
Cocke	8,496	5,097	3,399	Morgan	20,172	5,839	14,333
Coffee	2,563	2,563	...	Obion	542	7	535
Cumberland	20,499	6,270	14,229	Perry	5,702	27	5,675
Decatur	856	856	...	Polk	10,528	7,054	3,474
Dickson	2,762	...	2,762	Putnam	14,773	5,262	9,511
Fayette	170	167	3	Rhea	20,672	7,595	13,077
Fentress	5,729	3,951	1,778	Roane	13,382	8,873	4,509
Gibson	166	3	163	Scott	15,386	4,424	10,962
Giles	42	42	...	Sequatchie	3,079	1,348	1,731
Grainger	366	...	366	Sevier	1,367	1,253	114
Greene	2,677	573	2,104	Stewart	40	1	39
Grundy	2,617	2,617	...	Sullivan	9,893	...	9,893
Hamblen	131	95	36	Tipton	197	...	197
Hamilton	12,482	7,142	5,340	Unicoi	7,198	113	7,085
Hancock	677	...	677	Union	2,865	1,203	1,662
Hardeman	9,615	8,975	640	Warren	1,460	1,370	90
Hardin	22,219	9,412	12,807	Washington	2,520	227	2,293
Hawkins	3,515	...	3,515	Wayne	3,020	2,576	444
Haywood	490	487	3	Weakley	2,322	184	2,138
Henderson	1,629	1,604	25				
Henry	10,943	324	10,619				
Hickman	11,381	31	11,350				
Houston	590	...	590				
Humphreys	21,911	...	21,911				
Jefferson	168	70	98	All counties	436,941	190,105	246,836

¹ Counties with no pulpwood production are omitted.

Table 17. *Round pulpwood production in Texas, 1970*

County ¹	All species	Softwood	Hardwood	County ¹	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Anderson	24,463	23,434	1,029	Montgomery	78,007	65,648	12,359
Angelina	74,422	71,043	3,379	Morris	14,622	13,940	682
Bowie	35,211	31,649	3,562	Nacogdoches	120,560	107,378	13,182
Brazoria	535	264	271	Newton	114,967	85,091	29,876
Camp	9,661	9,587	74	Orange	14,855	12,706	2,149
Cass	57,219	52,469	4,750	Panola	98,670	95,120	3,550
Chambers	2,247	1,934	313	Polk	137,583	116,141	21,442
Cherokee	51,249	44,867	6,382	Red River	2,571	2,571	...
Fort Bend	121	...	121	Rusk	49,618	48,848	770
Franklin	13,906	10,581	3,325	Sabine	46,194	40,710	5,484
Gregg	32,280	31,128	1,152	San Augustine	81,351	75,467	5,884
Grimes	13,292	12,320	972	San Jacinto	55,481	48,560	6,921
Hardin	107,255	86,200	21,055	Shelby	113,364	106,530	6,834
Harris	32,707	24,081	8,626	Smith	22,231	22,231	...
Harrison	52,987	52,438	549	Titus	9,523	9,514	9
Hopkins	783	783	...	Trinity	103,208	95,647	7,561
Houston	60,111	56,640	3,471	Tyler	106,111	73,300	32,811
Jasper	144,531	115,964	28,567	Upshur	52,788	51,423	1,365
Jefferson	2,649	1,673	976	Walker	48,723	38,760	9,963
Lamar	34	...	34	Waller	5,783	4,939	844
Leon	4,200	4,200	...	Wood	7,598	7,449	149
Liberty	43,567	24,146	19,421	All counties	2,092,598	1,819,711	272,887
Marion	45,360	42,337	3,023				

¹ Counties with no pulpwood production are omitted.

Table 18. Round pulpwood production in Virginia, 1970

County ¹	All species	Softwood	Hardwood	County ¹	All species	Softwood	Hardwood
- - - Standard cords - - -				- - - Standard cords - - -			
Accomack	17,396	16,875	521	Lancaster	6,213	5,615	598
Albemarle	38,909	19,299	19,610	Lee	1,108	...	1,108
Alleghany	30,260	4,692	25,568	Loudoun	2,688	2,573	115
Amelia	26,946	17,727	9,219	Louisa	23,431	17,289	6,142
Amherst	42,637	11,712	30,925	Lunenburg	26,782	16,417	10,365
Appomattox	58,160	25,091	33,069	Madison	103	76	27
Arlington	482	6	476	Mathews	4,497	2,930	1,567
Augusta	15,544	2,205	13,339	Mecklenburg	19,829	10,815	9,014
Bath	35,352	4,019	31,333	Middlesex	5,333	4,345	988
Bedford	46,585	19,008	27,577	Montgomery	867	74	793
Bland	75	48	27	Nansemond	16,193	8,264	7,929
Botetourt	46,247	7,632	38,615	Nelson	17,485	7,135	10,350
Brunswick	99,776	67,158	32,618	New Kent	21,262	17,332	3,930
Buchanan	27	...	27	Norfolk	2,847	482	2,365
Buckingham	107,708	18,195	89,513	Northampton	2,480	2,415	65
Campbell	55,096	30,009	25,087	Northumberland	3,605	3,131	474
Caroline	28,661	24,546	4,115	Nottoway	24,012	11,671	12,341
Carroll	1,366	736	630	Orange	5,039	2,735	2,304
Charles City	22,032	12,997	9,035	Page	667	121	546
Charlotte	36,542	16,376	20,166	Patrick	5,652	5,251	401
Chesterfield	24,753	19,829	4,924	Pittsylvania	82,136	55,022	27,114
Craig	24,786	4,626	20,160	Powhatan	7,990	3,390	4,600
Culpeper	9,299	7,693	1,606	Prince Edward	43,963	23,202	20,761
Cumberland	20,767	7,430	13,337	Prince George	34,861	19,019	15,842
Dinwiddie	45,673	27,518	18,155	Prince William	9,576	9,456	120
Essex	16,768	14,908	1,860	Princess Anne	262	68	194
Fairfax	1,168	1,146	22	Pulaski	1,009	807	202
Fauquier	7,341	5,615	1,726	Rappahannock	397	322	75
Floyd	184	152	32	Richmond	6,686	6,283	403
Fluvanna	48,371	30,748	17,623	Roanoke	4,430	542	3,888
Franklin	28,382	19,020	9,362	Rockbridge	48,329	5,637	42,692
Frederick	3,002	1,864	1,138	Rockingham	5,192	2,147	3,045
Giles	465	75	390	Russell	30	...	30
Gloucester	8,702	7,798	904	Scott	291	...	291
Goochland	32,883	21,215	11,668	Shenandoah	9,266	3,233	6,033
Grayson	12	3	9	Smyth	5,075	13	5,062
Greene	565	318	247	Southampton	54,719	19,898	34,821
Greensville	55,548	37,874	17,674	Spotsylvania	12,294	7,804	4,490
Halifax	30,135	16,834	13,301	Stafford	742	388	354
Hanover	21,035	15,476	5,559	Surry	24,501	8,850	15,651
Henrico	11,277	9,547	1,730	Sussex	54,196	25,742	28,454
Henry	27,233	22,344	4,889	Warren	4,377	818	3,559
Highland	4,376	401	3,975	Warwick	1,558	1,431	127
Isle of Wight	24,584	7,400	17,184	Washington	6,039	34	6,005
James City	3,171	2,026	1,145	Westmoreland	5,738	5,607	131
King and Queen	42,802	35,001	7,801	Wise	7,412	...	7,412
King George	877	667	210	Wythe	7,267	2,446	4,821
King William	24,746	21,544	3,202	York	4,901	3,896	1,005
				All counties	1,862,036	962,129	899,907

¹ Includes independent cities. Counties with no pulpwood production are omitted.

Table 19. Mills using southern pulpwood in 1970, by process and capacity

Location	Map code ¹	Company	Pulping capacity, 24 hours ²				
			All processes	Sulfate	Groundwood and other mechanical	Semi- chemical	Soda and sulfite
----- Tons -----							
ALABAMA							
Mahrt	(1)	Alabama Kraft Co., Div. Ga. Kraft Co.	800	800	...	...	...
Jackson	(2)	Allied Paper Corp.	470	470	...	...	...
Naheola	(3)	American Can Co.	900	900	...	...	...
Brewton	(4)	Container Corp. of America	800	800	...	...	...
Mobile	(5)	General Aniline and Film Corp.	48	...	48	...	...
Demopolis	(6)	Gulf States Paper Corp.	400	400	...	...	...
Tuscaloosa	(7)	Gulf States Paper Corp.	450	450	...	...	...
Riverdale	(8)	Hammermill Paper Co., Riverdale Div.	400	400	...	...	...
Mobile	(9)	International Paper Co.	1,315	1,015	300	...	...
Coosa Pines	(10)	Kimberly-Clark Corp., Coosa River Newsprint Div.	1,590	650	940	...	...
Pine Hill	(11)	MacMillan Bloedel United, Inc.	925	925	...	...	...
Mobile	(12)	National Gypsum Co.	300	...	150	150	...
Mobile	(13)	Scott Paper Co.	1,400	1,400	...	...	...
Montgomery	(14)	Union Camp Corp.	870	870	...	...	...
Courtland	(15)	U.S. Plywood-Champion Papers Inc.	500	500	...	...	...
Total			11,168	9,580	1,438	150	...
ARKANSAS							
Morrilton	(16)	Arkansas Kraft Corp.	350	350	...	...	...
Crossett	(17)	Georgia-Pacific Corp., Crossett Division-Paper	1,220	1,220	...	...	...
Camden	(18)	International Paper Co.	750	750	...	...	...
Pine Bluff	(19)	International Paper Co.	1,700	1,300	400	...	...
Ashdown	(20)	Nekoosa-Edwards Paper Co.	400	400	...	...	...
Little Rock	(21)	Superwood Corp. of Arkansas	120	...	120	...	...
Pine Bluff	(22)	Weyerhaeuser Co., Dierks Div.	150	150	...	...	...
Total			4,690	4,170	520	...	...
FLORIDA							
Jacksonville	(23)	Alton Box Board Co.	625	625	...	...	...
Foley	(24)	The Buckeye Cellulose Corp.	923	923	...	...	...
Fernandina Beach	(25)	Container Corp. of America	800	800	...	...	...
Palatka	(26)	Hudson Pulp and Paper Corp.	950	950	...	...	...
Panama City	(27)	International Paper Co.	1,375	1,375	...	...	...
Fernandina Beach	(28)	I.T.T. Rayonier Inc.	375	...	...	...	375
Port St. Joe	(29)	St. Joe Paper Co.	1,700	1,700	...	...	...
Jacksonville	(30)	St. Regis Paper Co.	1,400	1,400	...	...	...
Pensacola	(31)	St. Regis Paper Co.	900	900	...	...	...
Total			9,048	8,673	...	...	375
GEORGIA							
Macon	(32)	Armstrong Cork Co.	400	...	400	...	...
Brunswick	(33)	Brunswick Pulp and Paper Co.	1,200	1,200	...	...	...
Savannah	(34)	Certain-teed Products Corp.	65	...	...	65	...
Augusta	(35)	Continental Can Co., Inc.	700	700	...	...	...
Port Wentworth	(36)	Continental Can Co., Inc.	600	600	...	...	...
Augusta	(37)	Cox Newsprint, Inc.	375	...	375	...	...
Savannah	(38)	General Aniline and Film Corp.	48	...	48	...	...
Macon	(39)	Georgia Kraft Co., Mead Div.	850	850	...	...	...
Rome	(40)	Georgia Kraft Co., Krannert Div.	1,500	1,500	...	...	...
St. Marys	(41)	Gilman Paper Co., St. Marys Kraft Div.	1,000	1,000	...	...	...
Cedar Springs	(42)	Great Northern Paper Co., Southern Div.	2,000	1,700	...	300	...
Jesup	(43)	I.T.T. Rayonier Inc.	675	675	...	...	...
Riceboro	(44)	Interstate Paper Corp.	500	500	...	...	...
Valdosta	(45)	Owens-Illinois, Forest Products Div.	865	865	...	...	...
Savannah	(46)	Union Camp Corp.	3,000	2,600	...	400	...
Total			13,778	12,190	823	765	...

Table 19. Mills using southern pulpwood in 1970, by process and capacity (Continued)

Location	Map code ¹	Company	Pulping capacity, 24 hours ²				
			All processes	Sulfate	Groundwood and other mechanical	Semi- chemical	Soda and sulfite
			----- Tons -----				
ILLINOIS							
Alton	(47)	Alton Box Board Co.	800	...	...	800	...
Peoria	(48)	The Celotex Corp.	110	...	110	...	...
East St. Louis	(49)	Certain-teed Products Corp.	100	...	100	...	...
Wilmington	(50)	Philip Carey Corp.	150	...	150	...	...
Total			1,160	...	360	800	...
KENTUCKY							
Hawesville	(51)	WesCor Corp.	250	...	...	250	...
Hawesville	(52)	Western Kraft Corp.	200	200	...	...	...
Wickliffe	(53)	Westvaco Corp.	600	600	...	...	...
Total			1,050	800	...	250	...
LOUISIANA							
Shreveport	(54)	Bird and Son, Inc.	60	...	...	60	...
DeRidder	(55)	Boise Southern Co.	1,300	950	350	...	...
Elizabeth	(56)	Calcasieu Paper Co., Inc.	240	240	...	...	...
Hodge	(57)	Continental Can Co., Inc.	750	550	...	200	...
Bogalusa	(58)	Crown Zellerbach Corp.	1,435	1,300	...	135	...
St. Francisville	(59)	Crown Zellerbach Corp.	500	500	...	...	...
Port Hudson	(60)	Georgia-Pacific Corp., Crossett Division-Paper	510	510	...	...	...
Bastrop	(61)	International Paper Co. (Bastrop Mill)	485	...	...	485	...
Bastrop	(62)	International Paper Co. (Louisiana Mill)	1,100	1,100	...	...	...
Springhill	(63)	International Paper Co.	1,625	1,625	...	...	...
West Monroe	(64)	Olinkraft, Inc.	1,205	1,135	...	70	...
Pineville	(65)	Pineville Kraft Corp.	750	750	...	...	...
St. Francisville	(66)	St. Francisville Paper Co.	235	...	235	...	...
New Orleans	(67)	Southern Johns-Manville Products Corp.	85	...	85	...	...
Total			10,280	8,660	670	950	...
MARYLAND							
Luke	(68)	Westvaco Corp.	743	743	...	...	...
Total			743	743	...	...	...
MISSISSIPPI							
Meridian	(69)	The Flintkote Co.	250	...	200	50	...
Moss Point	(70)	International Paper Co.	725	725	...	...	...
Natchez	(71)	International Paper Co.	950	950	...	...	...
Vicksburg	(72)	International Paper Co.	1,000	1,000	...	...	...
Meridian	(73)	Kroehler Mfg. Co. of Miss., Inc.	80	...	80	...	...
Laurel	(74)	Masonite Corp.	1,200	...	1,200	...	...
Monticello	(75)	St. Regis Paper Co.	1,620	1,620	...	...	...
Greenville	(76)	United States Gypsum Co.	225	...	225	...	...
Total			6,050	4,295	1,705	50	...
MISSOURI							
Kansas City	(77)	General Aniline & Film Corp.	100	...	100	...	...
Total			100	...	100	...	...

Table 19. Mills using southern pulpwood in 1970, by process and capacity (Continued)

Location	Map code ¹	County	Pulping capacity, 24 hours ²				
			All processes	Sulfate	Groundwood and other mechanical	Semi- chemical	Soda and sulfite
----- Tons -----							
NORTH CAROLINA							
Roaring River	(78)	Abitibi Corp.	120	...	120	...	...
Roanoke Rapids	(79)	Albemarle Paper Co.	940	940	...	...	...
Conway	(80)	Georgia-Pacific Corp.	200	...	200	...	...
Sylva	(81)	The Mead Corp.	290	...	...	290	...
Riegelwood	(82)	Riegel Paper Co.	1,000	1,000	...	...	...
Canton	(83)	U.S. Plywood-Champion Papers Inc.	1,325	1,325	...	...	...
New Bern	(84)	Weyerhaeuser Co., N. C. Div.	600	600	...	...	...
Plymouth	(85)	Weyerhaeuser Co., N. C. Div.	1,500	1,250	...	250	...
Total			5,975	5,115	320	540	...
OHIO							
Chillicothe	(86)	The Mead Corp.	600	600	...	...	...
Total			600	600	...	...	...
OKLAHOMA							
Pryor	(87)	Georgia-Pacific, Bestwall Gypsum Div.	150	...	150	...	...
Broken Bow	(88)	Weyerhaeuser Co., Dierks Div.	450	...	450	...	...
Total			600	...	600	...	...
PENNSYLVANIA							
York	(89)	Certain-teed Products Corp.	75	...	...	75	...
Tyrone	(90)	Westvaco Corp.	153	153	...	...	...
Total			228	153	...	75	...
SOUTH CAROLINA							
Catawba	(91)	Bowaters Carolina Corp.	700	600	100	...	...
Catawba	(92)	Catawba Newsprint Co.	500	...	500	...	...
Georgetown	(93)	International Paper Co.	2,130	1,650	...	480	...
Hartsville	(94)	Sonoco Products Co.	320	...	...	320	...
Florence	(95)	South Carolina Industries, Inc.	600	600	...	...	...
Charleston	(96)	Westvaco Corp.	1,994	1,994	...	...	...
Total			6,244	4,844	600	800	...
TENNESSEE							
Calhoun	(97)	Bowaters Southern Paper Corp.	1,600	500	900	200	...
New Johnsonville	(98)	Inland Container Corp.	450	...	...	450	...
Paris	(99)	The Celotex Corp.	300	...	...	300	...
Harriman	(100)	The Mead Corp.	190	...	...	190	...
Kingsport	(101)	The Mead Corp.	300	...	...	...	300
Knoxville	(102)	Southern Extract Co.	130	...	...	130	...
Counce	(103)	Tennessee River Pulp and Paper Co.	700	700	...	...	...
Total			3,670	1,200	900	1,270	300
TEXAS							
Evadale	(104)	EasTex, Inc.	1,200	1,200	...	...	...
Dallas	(105)	General Aniline & Film Corp.	40	...	40	...	...
Orange	(106)	Owens-Illinois, Forest Products Div.	1,000	1,000	...	...	...
Houston	(107)	Philip Carey Corp.	25	...	25	...	...
Lufkin	(108)	Southland Paper Mills, Inc.	1,250	400	850	...	...
Sheldon	(109)	Southland Paper Mills, Inc.	860	500	360	...	...
Diboll	(110)	Temple Industries, Fiber Products Div.	195	...	...	195	...
Pasadena	(111)	U.S. Plywood-Champion Papers Inc.	930	850	80	...	...
Total			5,500	3,950	1,355	195	...

Table 19. *Mills using southern pulpwood in 1970, by process and capacity* (Continued)

Location	Map code ¹	Company	Pulping capacity, 24 hours ²				
			All processes	Sulfate	Groundwood and other mechanical	Semi- chemical	Soda and sulfite
----- Tons -----							
VIRGINIA							
West Point	(112)	The Chesapeake Corp. of Virginia	1,050	1,050	...	...	...
Hopewell	(113)	Continental Can Co., Inc.	1,070	900	...	170	...
Lynchburg	(114)	The Mead Corp.	190	...	...	190	...
Big Island	(115)	Owens-Illinois, Forest Products Div.	450	...	...	450	...
Jarratt	(116)	Southern Johns-Manville Products Corp.	200	...	200	...	...
Franklin	(117)	Union Camp Corp.	1,750	1,750	...	...	...
Danville	(118)	United States Gypsum Co.	225	...	225	...	...
Covington	(119)	Westvaco Corp.	1,378	1,095	...	283	...
Total			6,313	4,795	425	1,093	...
All States			87,197	69,768	9,816	6,938	675

¹ Corresponds to numbers at locations on mill capacity map, page 22.² Southern Pulp and Paper Manufacturer, vol 33, No. 10 (Oct. 1, 1970); and other sources.Table 20. *Pulpmills under construction in the South*

Location	Map code ¹	Company	Pulping capacity, 24 hours
Tons			
FLORIDA			
Blountstown	(120)	Abitibi Corp.	100
OKLAHOMA			
Valliant	(121)	Weyerhaeuser Co.	1,600
TEXAS			
Texarkana	(122)	International Paper Co.	610
VIRGINIA			
Doswell	(123)	Evans Products Co.	300

¹ Corresponds to numbers at locations on mill capacity map, page 22.

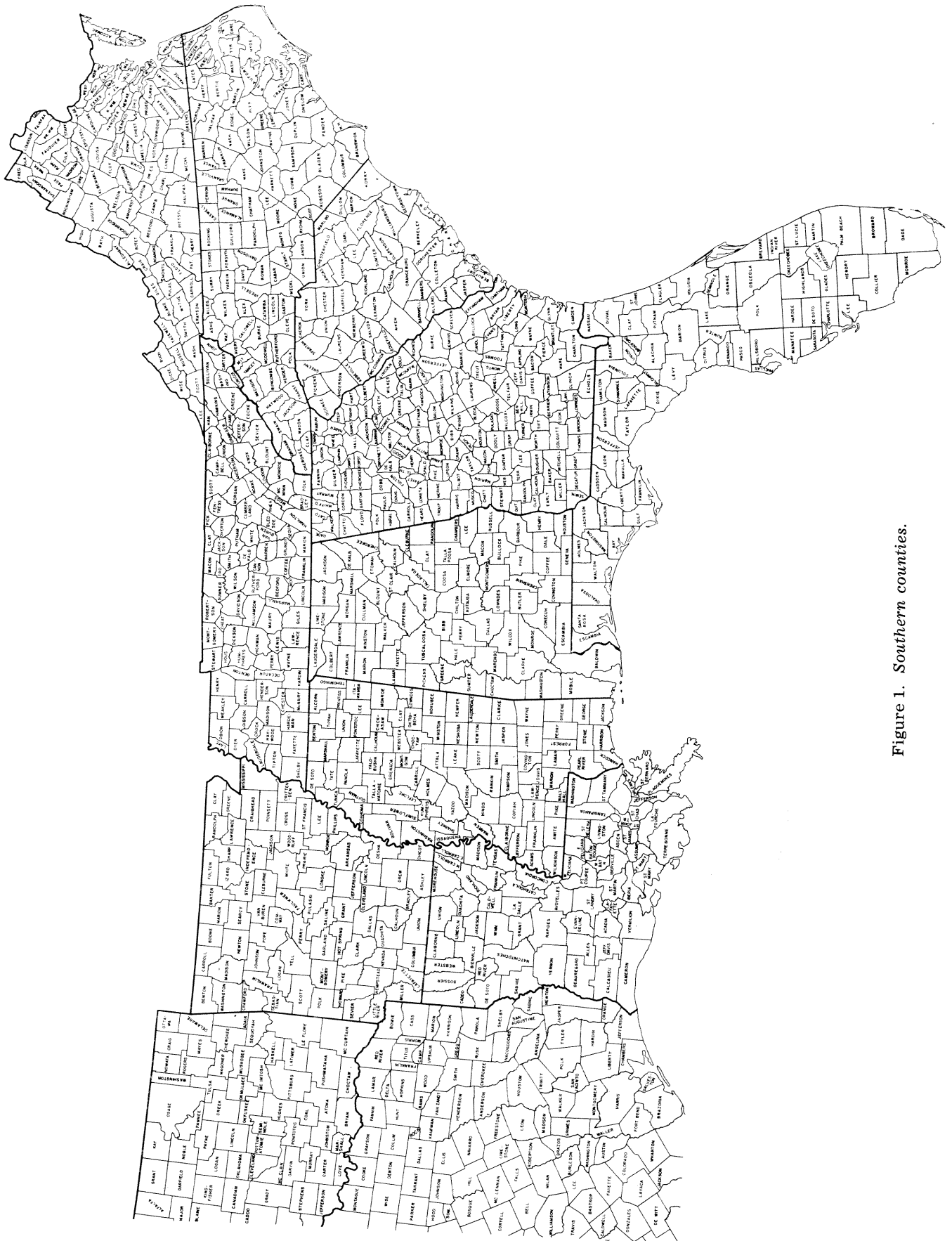


Figure 1. Southern counties.

