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Southern Pulpwood Production, 1983

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In this report:

SOUTHERN PULPWOOD	Page
PRODUCTION, BY -	
• Roundwood and Residues	4-8
• State	4-7
• Species group	4-7
• Territory	8
• County	9-20
 PULPMILLS USING SOUTHERN	
WOOD, BY—	
• Location, process, and capacity	21-24

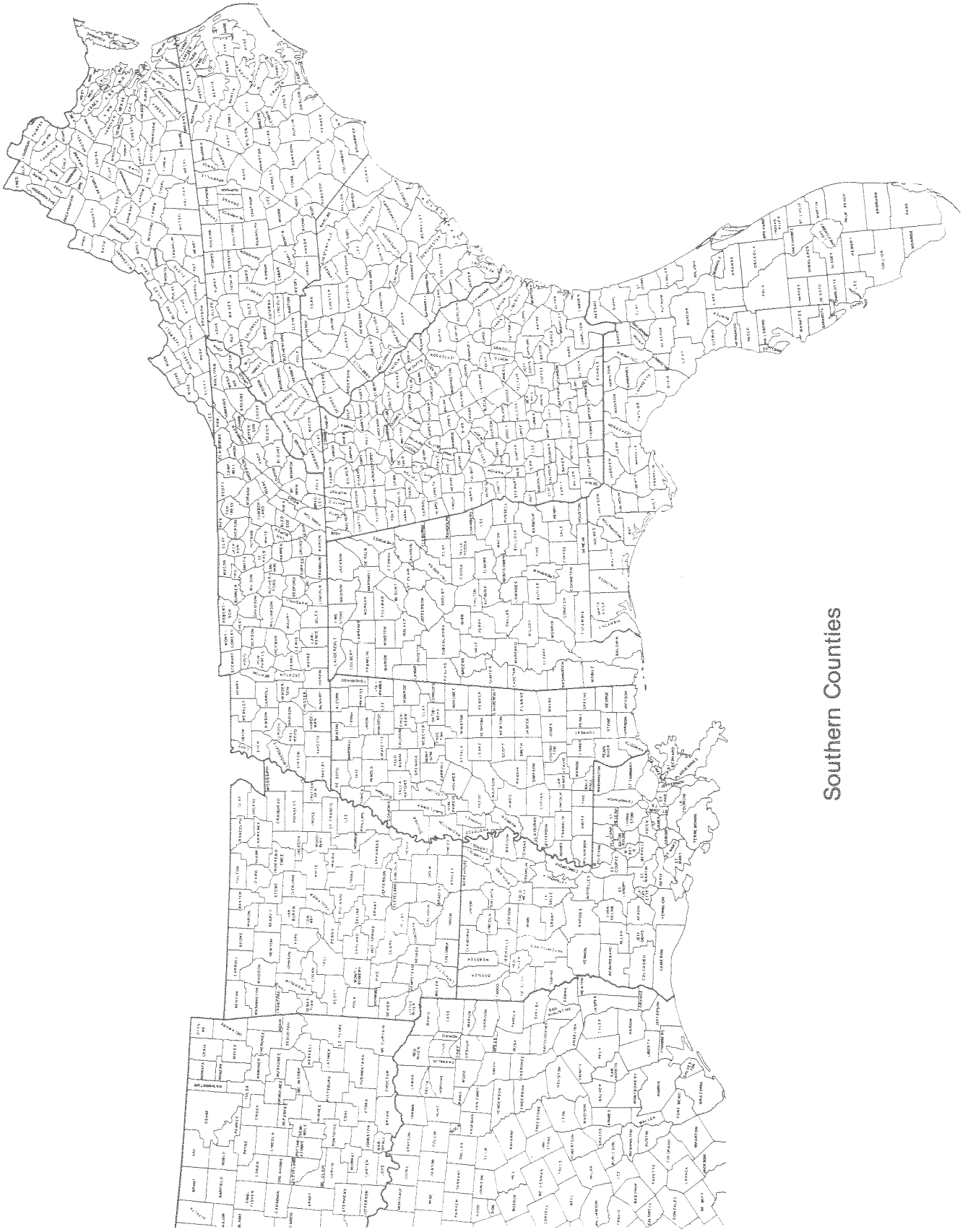
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Asheville, North Carolina
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Forest Service, U.S. Department of Agriculture
in cooperation with the
AMERICAN PULPWOOD ASSOCIATION



Southern Counties

Pulpwood Production

Pulpwood production in the South increased 8 percent during 1983, compared with a 4-percent decline during the previous year. The production of 56.6 million cords was a record high for the 12 Southern States (table 1). Softwood roundwood accounted for 46 percent of the total output, hardwood roundwood 21 percent, and byproducts 33 percent of pulpwood furnish. For the first time since 1976, all 12 of the Southern States had an increase in total production. Georgia was the leading producer of pulpwood, followed by Alabama and Mississippi. Oklahoma had the greatest percentage increase (19 percent), but Georgia had the largest actual increase (844,900 cords).

Roundwood Production

Roundwood pulpwood production in the South increased by 6.6 percent during 1983, with 37.8 million cords harvested (tables 2 and 3). Softwood roundwood accounted for 68 percent of this total, but its production rose only 0.6 percent over the previous year. Hardwood roundwood use increased by 22 percent to almost 12 million cords. This 2+ million increase in hardwood roundwood is the largest ever recorded in one year. Hardwood now accounts for approximately one-third of the total roundwood used.

Alabama led in production of roundwood, followed by Georgia and Mississippi. The greatest gains were recorded in Mississippi and Tennessee. Three States, Arkansas, Oklahoma, and North Carolina, had decreases in pulpwood harvests during 1983. Alabama led the South, with 30 counties producing more than 100,000 cords; Louisiana was second with 15. Taylor County in Florida produced over 362,000 cords and was the leading county in the South. Eight counties or parishes produced over 200,000 cords, and 98 other counties produced more than 100,000.

Residues

Byproducts (residues) accounted for 33 percent of the raw material used for pulp during 1983; 62 percent of these residues were softwood (tables 4 and 5). A gain in residue use of 12 percent, or more than 2 million cords, occurred during 1983. Almost 19 million cords were produced during 1983, the most since 1979. All States except Mississippi and Virginia had gains during the year. Georgia produced the most residues, some 3.2 million cords.

Midsouth vs. Southeast

Table 6 compares production in the five Southeastern States with that in the seven Midsouth States. As in years past, production of both roundwood and residues was higher in the Midsouth.

Tables 7 through 18 show roundwood production, by county, for each Southern State.

Mills

The completion of two new pulpmills, one in South Carolina and one in Mississippi, coupled with the closing of mills in Alabama, Georgia, and Mississippi, reduced the number of pulpmills operating in the South to 109 (table 19) during 1983. Pulping capacity increased by 2 percent to 119,389 tons per day. The pulp industry has moved cautiously in its expansion over the past several years, registering increases in capacity of no more than 2 percent. There were no new pulpmills under construction during 1983. Over three-fourths of the pulp was processed by the sulfate method. Five mills outside of the South drew part of their raw materials from the Southern Region (table 20).

Change in the Pulp Industry, 1960-1983

Between 1960 and 1979, the number of pulpmills in the South increased from 81 to 115 (fig. 1). Since then, the number has declined to 109.

Pulping capacity has continued to increase since 1960, despite the reduction in number of mills (fig. 2). This increase in capacity is due to the construction of new mills and modernization

of old ones. Thus, the rapid expansion during the sixties and seventies has been followed by a leveling-off period.

Softwood roundwood is still the largest single raw material used for pulp, but it made up only 46 percent of the total furnish in 1983, compared to 70 percent in 1960 (fig. 3). Use of both hardwood roundwood and residues has increased since 1960. Most notably, the use of hardwood residues has increased by more than tenfold.

Table 1.--Pulpwood production in the South during 1983, and change since 1982

State	Pulpwood	Change
	<u>Thousand cords</u>	<u>Percent</u>
Alabama	8,988.7	+7
Arkansas	4,172.4	+1
Florida	4,376.9	+10
Georgia	9,590.0	+10
Louisiana	4,795.2	+10
Mississippi	5,634.3	+5
North Carolina	4,780.9	+5
Oklahoma	755.0	+19
South Carolina	4,369.9	+7
Tennessee	1,419.6	+16
Texas	4,230.5	+8
Virginia	3,499.8	+7
All States	56,613.2	+8

Table 2.--Roundwood production in the South, by State and species group, 1983

State	All species	Softwood	Hardwood
	- - - - -	<u>Thousand cords</u>	- - - - -
Alabama	6,693.5	4,153.1	2,540.4
Arkansas	1,810.0	1,061.9	748.1
Florida	3,262.2	2,914.0	348.2
Georgia	6,374.8	5,479.9	894.9
Louisiana	3,459.3	2,579.8	879.5
Mississippi	4,081.2	2,313.3	1,767.9
North Carolina	3,004.9	1,750.5	1,254.4
Oklahoma	127.8	74.4	53.4
South Carolina	2,926.9	2,089.6	837.3
Tennessee	1,016.0	512.4	503.6
Texas	2,442.7	1,706.6	736.1
Virginia	2,551.0	1,124.8	1,426.2
All States	37,750.3	25,760.3	11,990.0

Table 3.--Roundwood production in the South, by State and species group, 1983 and 1982

State	Change from 1982	1983			1982		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<u>Percent</u>	<u>Thousand cords</u>					
Alabama	+8	6,693.5	4,153.1	2,540.4	6,206.6	4,242.3	1,964.3
Arkansas ^a	-6	1,810.0	1,061.9	748.1	1,933.8	1,220.6	713.2
Florida	+6	3,262.2	2,914.0	348.2	3,089.3	2,779.5	309.8
Georgia	+4	6,374.8	5,479.9	894.9	6,125.8	5,304.3	821.5
Louisiana	+8	3,459.3	2,579.8	879.5	3,194.2	2,510.7	683.5
Mississippi ^a	+17	4,081.2	2,313.3	1,767.9	3,488.3	2,239.3	1,249.0
North Carolina	-2	3,004.9	1,750.5	1,254.4	3,077.2	1,835.0	1,242.2
Oklahoma	-54	127.8	74.4	53.4	277.7	203.7	74.0
South Carolina	+2	2,926.9	2,089.6	837.3	2,857.2	2,169.3	687.9
Tennessee ^a	+14	1,016.0	512.4	503.6	894.9	433.8	461.1
Texas	+2	2,442.7	1,706.6	736.1	2,391.5	1,892.0	499.5
Virginia	+11	2,551.0	1,124.8	1,426.2	2,291.4	1,133.4	1,158.0
All States	+5	37,750.3	25,760.3	11,990.0	35,827.9	25,963.9	9,864.0

^aPreviously published 1982 values for these States were adjusted to reflect newly available information.

Table 4.--Southern output of wood residues for pulp manufacture, by State and species group, 1983 and 1982

State	Change from 1982	1983			1982		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<u>Percent</u>	<u>Thousand cords</u>					
Alabama	+6	2,295.2	1,867.1	428.1	2,173.7	1,673.8	499.9
Arkansas	+7	2,362.4	1,837.2	525.2	2,212.4	1,619.8	592.6
Florida	+28	1,114.7	1,031.8	82.9	873.5	785.5	88.0
Georgia	+23	3,215.2	2,834.8	380.4	2,619.3	2,320.4	298.9
Louisiana	+14	1,335.9	1,089.7	246.2	1,171.6	717.6	454.0
Mississippi	-17	1,553.1	1,268.6	284.6	1,876.3	1,442.2	434.1
North Carolina	+19	1,776.0	1,114.5	661.5	1,492.9	1,070.7	422.2
Oklahoma	+75	627.2	399.7	227.5	358.3	291.0	67.3
South Carolina	+18	1,443.0	1,181.3	261.7	1,220.0	1,062.3	157.7
Tennessee	+24	403.6	20.0	383.6	326.5	70.2	256.3
Texas	+17	1,787.8	1,645.7	142.1	1,525.7	1,411.6	114.1
Virginia	-2	948.8	467.3	481.5	969.0	520.0	449.0
All States	+12	18,862.9	14,757.6	4,105.3	16,819.2	12,985.1	3,834.1

Table 5.-Southern output of wood residues for pulp manufacture, by State and type of residue, 1983

State	All types	Chips			Other residues ^a		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
-----<u>Thousand cords</u>-----							
Alabama	2,295.2	2,134.8	1,767.4	367.4	160.4	99.7	60.7
Arkansas	2,362.4	2,312.1	1,786.9	525.2	50.3	50.3	--
Florida	1,114.7	1,113.6	1,030.7	82.9	1.1	1.1	--
Georgia	3,215.2	3,206.0	2,826.5	379.5	9.2	8.3	.9
Louisiana	1,335.9	1,335.9	1,089.7	246.2	--	--	--
Mississippi	1,553.1	1,480.9	1,230.9	250.0	72.2	37.6	34.6
North Carolina	1,776.0	1,731.7	1,075.5	656.2	44.3	39.0	5.3
Oklahoma	627.2	587.2	359.7	227.5	40.0	40.0	--
South Carolina	1,443.0	1,436.1	1,179.4	256.7	6.9	1.9	5.0
Tennessee	403.6	249.9	20.0	229.9	153.7	--	153.7
Texas	1,787.8	1,781.5	1,639.4	142.1	6.3	6.3	--
Virginia	948.8	918.8	459.3	459.5	30.0	8.0	22.0
All States	18,862.9	18,288.5	14,465.4	3,823.1	574.4	292.3	282.1

^aVeneer cores, pole and piling trim, cull material, sawdust, and secondary residues.

Table 6.--Pulpwood production in the Southeast and the Midsouth, 1983

Region and source of wood	All species	Softwood	Hardwood
	- - - - -	<u>Standard cords</u>	- - - - -
Southeast^a			
Roundwood	18,119,841	13,358,770	4,761,071
Residues	8,497,668	6,629,721	1,867,947
Total	<u>26,617,509</u>	<u>19,988,491</u>	<u>6,629,018</u>
Midsouth^b			
Roundwood	19,630,420	12,401,488	7,228,932
Residues	10,365,291	8,127,936	2,237,355
Total	<u>29,995,711</u>	<u>20,529,424</u>	<u>9,466,287</u>
Entire South			
Roundwood	37,750,261	25,760,258	11,990,003
Residues	18,862,959	14,757,657	4,105,302
Total	<u>56,613,220</u>	<u>40,517,915</u>	<u>16,095,305</u>

^aStates of Florida, Georgia, North Carolina, South Carolina, and Virginia.

^bStates of Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas.

Table 7.--Round pulpwood production in Alabama, 1983

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Autauga	82,666	48,583	34,083	Jackson	27,966	7,728	20,238
Baldwin	164,805	113,588	51,217	Jefferson	87,478	76,013	11,465
Barbour	72,383	52,325	20,058	Lamar	47,003	36,255	10,748
Bibb	110,499	75,125	35,374	Lauderdale	35,775	12,718	23,057
Blount	18,235	6,866	11,369	Lawrence	27,846	13,933	13,913
Bullock	68,627	47,660	20,967	Lee	110,021	88,096	21,925
Butler	206,955	117,488	89,467	Limestone	9,255	7,372	1,883
Calhoun	44,367	42,145	2,222	Lowndes	104,378	60,847	43,531
Chambers	118,067	78,361	39,706	Macon	56,997	36,249	20,748
Cherokee	28,190	19,677	8,513	Madison	5,417	4,956	461
Chilton	145,232	87,883	57,349	Marengo	182,125	76,741	105,384
Choctaw	209,881	77,463	132,418	Marion	120,728	79,742	40,986
Clarke	289,641	116,825	172,816	Marshall	25,394	18,775	6,619
Clay	88,657	63,586	25,071	Mobile	83,494	43,246	40,248
Cleburne	52,959	49,665	3,294	Monroe	247,745	114,319	133,426
Coffee	123,571	82,105	41,466	Montgomery	69,957	31,212	38,745
Colbert	53,873	23,834	30,039	Morgan	20,211	7,162	13,049
Conecuh	198,612	107,633	90,979	Perry	103,475	33,338	70,137
Coosa	99,844	74,299	25,545	Pickens	130,563	78,318	52,245
Covington	172,350	137,621	34,729	Pike	131,573	88,726	42,847
Crenshaw	174,997	105,467	69,530	Randolph	167,477	134,199	33,278
Cullman	89,206	63,781	25,425	Russell	72,756	55,876	16,880
Dale	53,890	28,471	25,419	St. Clair	77,006	71,001	6,005
Dallas	113,767	43,196	70,571	Shelby	132,164	110,113	22,051
De Kalb	36,679	15,063	21,616	Sumter	80,489	41,090	39,399
Elmore	80,419	53,410	27,009	Talladega	72,001	64,393	7,608
Escambia	103,974	82,991	20,983	Tallapoosa	151,739	120,383	31,356
Etowah	23,688	15,298	8,390	Tuscaloosa	112,889	71,105	41,784
Fayette	90,882	74,557	16,325	Walker	196,390	169,972	26,418
Franklin	96,664	49,303	47,361	Washington	139,456	77,250	62,206
Geneva	18,308	9,943	8,365	Wilcox	190,744	82,814	107,930
Greene	78,538	33,934	44,604	Winston	138,830	107,422	31,408
Hale	59,841	29,769	30,072	All counties	6,693,499	4,153,089	2,540,410
Henry	104,751	66,964	37,787				
Houston	59,139	36,846	22,293				

^aCounties with no pulpwood production are omitted.

Table 8.--Round pulpwood production in Arkansas, 1983

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Ashley	113,414	70,484	42,930	Little River	64,835	33,384	31,451
Baxter	2,929	2,929	--	Logan	17,335	9,288	8,047
Bradley	167,353	51,074	116,279	Lonoke	2,873	12	2,861
Calhoun	65,124	46,341	18,783	Miller	60,615	36,002	24,613
Chicot	11	--	11	Montgomery	9,344	5,407	3,937
Clark	32,486	21,221	11,265	Nevada	62,398	40,369	22,029
Cleburne	17,385	15,536	1,849	Newton	4	--	4
Cleveland	57,187	33,961	23,226	Ouachita	107,546	65,003	42,543
Columbia	126,354	98,039	28,315	Perry	3,437	1,976	1,461
Conway	24,866	11,683	13,183	Pike	11,571	6,792	4,779
Dallas	83,152	49,608	33,544	Polk	24,432	12,934	11,498
Desha	11,741	--	11,741	Pope	12,055	5,222	6,833
Drew	144,083	89,252	54,831	Prairie	230	--	230
Faulkner	1,111	14	1,097	Pulaski	12,134	3,292	8,842
Franklin	5,492	4,060	1,432	Saline	51,131	36,358	14,773
Fulton	1,538	1,538	--	Scott	26,834	16,243	10,591
Garland	848	799	49	Searcy	799	410	389
Grant	55,836	39,782	16,054	Sebastian	727	587	140
Hempstead	39,983	25,354	14,629	Sevier	21,249	5,608	15,641
Hot Spring	22,916	17,444	5,472	Stone	1,888	1,854	34
Howard	9,286	3,192	6,094	Union	143,703	82,801	60,902
Independence	6,408	5,254	1,154	Van Buren	20,603	9,829	10,774
Izard	6,666	6,666	--	White	3,598	2,450	1,148
Jackson	51	26	25	Woodruff	7	7	--
Jefferson	40,443	29,359	11,084	Yell	16,025	5,477	10,548
Johnson	8,612	3,468	5,144	All counties	1,809,905	1,061,851	748,054
Lafayette	56,684	33,760	22,924				
Lincoln	32,573	19,702	12,871				

^aCounties with no pulpwood production are omitted.

Table 9.--Round pulpwood production in Florida, 1983

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Alachua	61,137	60,595	542	Lake	13,954	13,954	--
Baker	60,136	60,136	--	Leon	43,092	42,626	466
Bay	121,224	118,170	3,054	Levy	161,186	114,932	46,254
Bradford	46,209	44,869	1,340	Liberty	119,178	99,681	19,497
Calhoun	166,617	154,304	12,313	Madison	70,820	43,206	27,614
Charlotte	9,528	9,528	--	Manatee	2,894	2,894	--
Citrus	4,933	4,933	--	Marion	122,603	121,103	1,500
Clay	58,240	54,717	3,523	Nassau	107,437	102,104	5,333
Columbia	120,563	119,481	1,082	Okaloosa	51,275	44,321	6,954
De Soto	2,766	2,766	--	Okeechobee	3,298	3,298	--
Dixie	98,946	37,432	61,514	Orange	5,085	5,085	--
Duval	57,261	50,652	6,609	Osceola	2,407	2,407	--
Escambia	57,935	54,300	3,635	Pasco	12,394	12,394	--
Flagler	37,663	37,637	26	Polk	14,062	14,062	--
Franklin	54,009	54,009	--	Putnam	125,120	117,717	7,403
Gadsden	60,991	45,896	15,095	St. Johns	109,756	104,725	5,031
Gilchrist	41,958	39,886	2,072	Santa Rosa	89,847	89,261	586
Glades	28	28	--	Seminole	843	843	--
Gulf	49,317	48,299	1,018	Sumter	4,576	4,576	--
Hamilton	57,690	47,105	10,585	Suwannee	113,651	113,624	27
Hardee	609	609	--	Taylor	362,720	324,601	38,119
Hendry	5,606	5,606	--	Union	28,474	28,474	--
Highlands	1,071	1,071	--	Volusia	90,721	86,627	4,094
Hillsborough	680	680	--	Wakulla	33,276	33,276	--
Holmes	43,924	30,647	13,277	Walton	88,628	81,530	7,098
Jackson	91,157	57,006	34,151	Washington	42,325	34,813	7,512
Jefferson	57,384	56,470	914				
Lafayette	75,010	75,010	--	All counties	3,262,214	2,913,976	348,238

^aCounties with no pulpwood production are omitted.

Table 10.--Round pulpwood production in Georgia, 1983

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
- - - Standard cords - - -				- - - Standard cords - - -			
Appling	127,175	120,164	7,011	Early	37,470	28,739	8,731
Atkinson	83,295	82,663	632	Echols	21,764	21,067	697
Bacon	96,754	94,325	2,429	Effingham	56,250	50,303	5,947
Baker	21,229	19,639	1,590	Elbert	14,203	10,946	3,257
Baldwin	42,904	33,642	9,262	Emanuel	49,674	32,989	16,685
Banks	8,516	8,516	--	Evans	51,929	47,501	4,428
Barrow	29,925	28,148	1,777	Fannin	9,796	9,604	192
Bartow	43,167	41,706	1,461	Fayette	32,372	32,155	217
Ben Hill	104,171	91,887	12,284	Floyd	85,656	80,327	5,329
Berrien	49,750	49,511	239	Forsyth	6,670	6,465	205
Bibb	15,285	14,892	393	Franklin	19,974	16,507	3,467
Bleckley	7,408	3,714	3,694	Fulton	25,028	24,873	155
Brantley	91,866	82,456	9,410	Gilmer	9,278	9,017	261
Brooks	20,465	19,219	1,246	Glascock	11,346	6,081	5,265
Bryan	55,747	44,301	11,446	Glynn	116,811	97,085	19,726
Bulloch	57,671	48,553	9,118	Gordon	73,737	70,624	3,113
Burke	117,123	75,014	42,109	Grady	20,105	17,339	2,766
Butts	47,714	41,794	5,920	Greene	16,121	10,992	5,129
Calhoun	26,553	23,122	3,431	Gwinnett	13,744	13,235	509
Camden	165,645	135,869	29,776	Habersham	3,151	2,897	254
Candler	14,996	12,309	2,687	Hall	15,310	14,687	623
Carroll	94,654	88,051	6,603	Hancock	47,986	40,606	7,380
Catoosa	2,683	2,683	--	Haralson	43,056	39,496	3,560
Charlton	87,367	76,059	11,308	Harris	26,473	23,798	2,675
Chatham	53,697	41,542	12,155	Hart	597	239	358
Chattahoochee	9,442	4,769	4,673	Heard	48,468	46,204	2,264
Chattooga	35,808	35,139	669	Henry	56,346	53,220	3,126
Cherokee	26,361	24,536	1,825	Houston	23,370	22,754	616
Clarke	935	935	--	Irwin	2,310	1,663	647
Clay	24,246	16,064	8,182	Jackson	16,217	14,645	1,572
Clayton	7,106	7,106	--	Jasper	41,834	41,807	27
Clinch	145,115	141,966	3,149	Jeff Davis	41,903	39,666	2,237
Cobb	24,254	24,254	--	Jefferson	32,738	31,401	1,337
Coffee	76,737	67,979	8,758	Jenkins	32,424	29,052	3,372
Colquitt	23,155	22,309	846	Johnson	19,956	14,235	5,721
Columbia	31,095	24,384	6,711	Jones	26,548	25,871	677
Cook	10,595	10,595	--	Lamar	33,297	33,297	--
Coweta	51,126	39,655	11,471	Lanier	20,895	19,412	1,483
Crawford	91,223	81,863	9,360	Laurens	145,678	108,487	37,191
Crisp	33,958	33,306	652	Lee	26,158	24,253	1,905
Dade	2,191	2,005	186	Liberty	50,937	38,767	12,170
Dawson	6,469	6,019	450	Lincoln	55,192	21,654	33,538
Decatur	68,687	50,007	18,680	Long	80,577	61,914	18,663
De Kalb	8,004	8,004	--	Lowndes	41,060	40,254	806
Dodge	118,365	100,588	17,777	Lumpkin	2,244	2,155	89
Dooly	16,640	15,686	954				
Dougherty	16,763	15,886	877				
Douglas	33,865	31,692	2,173				

Continued

Table 10.--Round pulpwood production in Georgia, 1983--Continued

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
McDuffie	1,303	1,150	153	Stephens	8,318	4,222	4,096
McIntosh	71,010	62,063	8,947	Stewart	63,876	46,393	17,483
Macon	22,586	22,067	519	Sumter	47,713	46,989	724
Madison	17,556	13,990	3,566	Talbot	33,293	28,154	5,139
Marion	24,216	15,527	8,689	Taliaferro	11,363	7,912	3,451
Meriwether	72,017	51,022	20,995	Tattnall	62,322	52,949	9,373
Miller	7,169	6,505	664	Taylor	46,256	45,588	668
Mitchell	51,963	47,895	4,068	Telfair	103,360	87,269	16,091
Monroe	46,427	42,880	3,547	Terrell	21,399	20,247	1,152
Montgomery	8,576	7,734	842	Thomas	66,019	53,824	12,195
Morgan	11,288	10,737	551	Tift	23,832	22,929	903
Murray	27,254	25,415	1,839	Toombs	28,325	21,514	6,811
Muscogee	575	575	--	Towns	3,836	3,836	--
Newton	18,973	18,620	353	Treutlen	27,891	23,353	4,538
Oconee	36,626	23,786	12,840	Troup	95,295	84,447	10,848
Oglethorpe	30,573	19,408	11,165	Turner	7,343	6,433	910
Paulding	22,187	21,382	805	Twiggs	16,975	14,321	2,654
Peach	5,537	5,537	--	Union	5,994	5,964	30
Pickens	30,221	28,540	1,681	Upson	37,672	34,635	3,037
Pierce	52,848	43,814	9,034	Walker	31,532	29,739	1,793
Pike	21,357	16,259	5,098	Walton	737	710	27
Polk	29,879	26,502	3,377	Ware	171,588	163,828	7,760
Pulaski	28,543	27,607	936	Warren	66,192	45,703	20,489
Putnam	17,923	15,705	2,218	Washington	97,019	75,560	21,459
Quitman	26,399	21,736	4,663	Wayne	148,533	137,443	11,090
Rabun	8,388	6,533	1,855	Webster	26,611	23,644	2,967
Randolph	68,033	55,218	12,815	Wheeler	43,055	41,591	1,464
Richmond	15,352	10,791	4,561	White	535	535	--
Schley	23,783	18,784	4,999	Whitfield	53,104	33,579	19,525
Screven	33,049	23,717	9,332	Wilcox	39,145	36,828	2,317
Seminole	4,647	4,491	156	Wilkes	78,665	42,998	35,667
Spalding	5,282	5,282	--	Wilkinson	65,587	49,831	15,756
				Worth	65,328	62,878	2,450
				All counties	6,374,806	5,479,927	894,879

^aCounties with no pulpwood production are omitted.

Table 11.--Round pulpwood production in Louisiana, 1983

Parish ^a	All species	Softwood	Hardwood	Parish ^a	All species	Softwood	Hardwood
- - - - Standard cords - - - - -				- - - - Standard cords - - - - -			
Acadia	5,355	5,285	70	Madison	94,357	16	94,341
Allen	114,810	93,462	21,348	Morehouse	44,005	23,772	20,233
Ascension	614	110	504	Natchitoches	167,415	124,378	43,037
Avoyelles	6,433	3,428	3,005	Ouachita	71,760	42,315	29,445
Beauregard	291,080	285,510	5,570	Pointe Coupee	2,356	--	2,356
Bienville	183,684	153,120	30,564	Rapides	143,285	120,037	23,248
Bossier	108,585	85,013	23,572	Red River	41,459	28,652	12,807
Caddo	45,935	32,032	13,903	Richland	250	23	227
Calcasieu	62,072	61,685	387	Sabine	162,985	133,770	29,215
Caldwell	114,873	55,302	59,571	St. Charles	37	--	37
Cameron	50	50	--	St. Helena	45,830	29,698	16,132
Catahoula	30,030	18,016	12,014	St. James	255	--	255
Claiborne	112,127	86,198	25,929	St. John			
Concordia	15,160	12	15,148	the Baptist	84	--	84
De Soto	136,035	89,989	46,046	St. Landry	2,285	664	1,621
East Baton Rouge	7,090	3,295	3,795	St. Martin	239	--	239
East Carroll	893	--	893	St. Tammany	33,435	31,109	2,326
East Feliciana	25,506	15,949	9,557	Tangipahoa	43,662	31,081	12,581
Evangeline	27,712	24,453	3,259	Tensas	42,458	36	42,422
Franklin	4,265	945	3,320	Union	211,834	120,735	91,099
Grant	77,756	58,618	19,138	Vernon	256,090	242,954	13,136
Iberia	426	--	426	Washington	95,642	81,526	14,116
Iberville	6,976	14	6,962	Webster	88,786	69,639	19,147
Jackson	141,920	109,422	32,498	West Baton Rouge	2,196	220	1,976
Jefferson	11	--	11	West Carroll	106	65	41
Jefferson Davis	4,251	4,234	17	West Feliciana	7,360	3,134	4,226
Lafayette	18	--	18	Winn	137,076	110,000	27,076
Lafourche	12	--	12				
La Salle	90,564	82,181	8,383	All parishes	3,459,317	2,579,835	879,482
Lincoln	116,848	91,171	25,677				
Livingston	32,979	26,517	6,462				

^aParishes with no pulpwood production are omitted.

Table 12.--Round pulpwood production in Mississippi, 1983

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Adams	31,267	1,333	29,934	Lowndes	10,355	7,261	3,094
Alcorn	35,597	25,289	10,308	Madison	25,318	12,955	12,363
Amite	83,211	57,310	25,901	Marion	41,418	30,577	10,841
Attala	172,823	110,401	62,422	Marshall	14,215	8,787	5,428
Benton	20,584	12,089	8,495	Monroe	21,573	19,054	2,519
Bolivar	10,332	31	10,301	Montgomery	42,193	22,528	19,665
Calhoun	37,217	19,183	18,034	Neshoba	70,376	33,254	37,122
Carroll	46,964	29,057	17,907	Newton	119,678	49,187	70,491
Chickasaw	34,297	31,984	2,313	Noxubee	70,911	41,787	29,124
Choctaw	51,791	29,174	22,617	Oktibbeha	32,678	23,743	8,935
Claiborne	49,109	17,295	31,814	Panola	9,586	5,908	3,678
Clarke	194,158	70,978	123,180	Pearl River	78,828	75,062	3,766
Clay	30,182	21,061	9,121	Perry	46,464	28,470	17,994
Copiah	118,467	54,500	63,967	Pike	86,090	58,928	27,162
Covington	68,081	32,439	35,642	Pontotoc	20,483	13,510	6,973
De Soto	5,423	5,276	147	Prentiss	40,092	23,975	16,117
Forrest	40,699	28,899	11,800	Quitman	108	54	54
Franklin	70,907	38,213	32,694	Rankin	87,945	57,925	30,020
George	50,156	31,919	18,237	Scott	65,692	44,454	21,238
Greene	151,340	77,510	73,830	Sharkey	8,857	6	8,851
Grenada	20,308	15,070	5,238	Simpson	83,121	33,008	50,113
Hancock	37,365	35,661	1,704	Smith	68,047	32,250	35,797
Harrison	38,888	36,684	2,204	Stone	68,277	51,592	16,685
Hinds	35,214	12,907	22,307	Sunflower	20	8	12
Holmes	83,064	48,790	34,274	Tallahatchie	143	138	5
Humphreys	86	19	67	Tate	119	119	--
Issaquena	7,269	15	7,254	Tippah	40,154	26,268	13,886
Itawamba	40,776	18,574	22,202	Tishomingo	86,716	59,097	27,619
Jackson	32,297	27,712	4,585	Tunica	5,723	1,155	4,568
Jasper	100,929	41,920	59,009	Union	14,919	11,799	3,120
Jefferson	58,986	22,288	36,698	Walthall	26,668	18,584	8,084
Jefferson Davis	36,075	28,179	7,896	Warren	9,161	1,257	7,904
Jones	124,119	38,131	85,988	Washington	1,381	112	1,269
Kemper	107,461	61,461	46,000	Wayne	127,422	52,267	75,155
Lafayette	16,609	16,599	10	Webster	13,279	9,874	3,405
Lamar	44,535	39,479	5,056	Wilkinson	42,676	15,287	27,389
Lauderdale	150,535	62,762	87,773	Winston	63,137	45,789	17,348
Lawrence	77,072	55,090	21,982	Yalobusha	6,433	5,289	1,144
Leake	111,748	66,059	45,689	Yazoo	6,595	2,998	3,597
Lee	16,312	11,045	5,267				
Leflore	1,161	150	1,011				
Lincoln	80,879	56,407	24,472	All counties	4,081,144	2,313,259	1,767,885

^aCounties with no pulpwood production are omitted.

Table 13.--Round pulpwood production in North Carolina, 1983

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Alamance	11,520	10,271	1,249	Lee	30,152	21,564	8,588
Alexander	11,511	9,786	1,725	Lenoir	17,150	10,387	6,763
Alleghany	2	2	--	Lincoln	10,192	9,733	459
Anson	95,645	52,894	42,751	McDowell	13,376	5,728	7,648
Ashe	312	8	304	Macon	2,511	585	1,926
Beaufort	105,574	78,469	27,105	Madison	5,548	681	4,867
Bertie	135,430	51,666	83,764	Martin	54,773	33,631	21,142
Bladen	112,590	45,360	67,230	Mecklenburg	7,454	7,351	103
Brunswick	125,779	102,008	23,771	Mitchell	2,003	41	1,962
Buncombe	2,009	692	1,317	Montgomery	35,342	7,987	27,355
Burke	26,909	15,093	11,816	Moore	27,419	14,584	12,835
Cabarrus	9,021	8,865	156	Nash	30,183	11,229	18,954
Caldwell	16,214	7,765	8,449	New Hanover	2,298	1,944	354
Camden	8,002	2,867	5,135	Northampton	29,052	11,311	17,741
Carteret	13,311	10,626	2,685	Onslow	70,366	55,114	15,252
Caswell	9,403	2,004	7,399	Orange	6,299	1,069	5,230
Catawba	4,816	4,730	86	Pamlico	24,402	13,940	10,462
Chatham	56,890	28,750	28,140	Pasquotank	20,257	6,214	14,043
Cherokee	26,521	18,528	7,993	Pender	60,819	34,031	26,788
Chowan	18,613	7,663	10,950	Perquimans	15,373	5,215	10,158
Clay	2,995	2,563	432	Person	6,052	3,298	2,754
Cleveland	27,933	25,242	2,691	Pitt	43,347	21,959	21,388
Columbus	85,262	47,144	38,118	Polk	13,888	9,091	4,797
Craven	231,935	170,246	61,689	Randolph	5,951	2,812	3,139
Cumberland	41,968	24,858	17,110	Richmond	41,056	20,152	20,904
Currituck	5,115	986	4,129	Robeson	62,345	40,959	21,386
Dare	8,349	5,083	3,266	Rockingham	30,895	23,067	7,828
Davidson	10,757	6,616	4,141	Rowan	10,376	9,428	948
Davie	2,920	1,407	1,513	Rutherford	56,198	37,217	18,981
Duplin	71,566	40,776	30,790	Sampson	104,072	70,417	33,655
Durham	42,740	6,162	36,578	Scotland	11,436	8,887	2,549
Edgecombe	57,124	25,416	31,708	Stanly	3,710	3,156	554
Forsyth	6,156	786	5,370	Stokes	2,737	200	2,537
Franklin	60,636	37,991	22,645	Surry	2,614	2,111	503
Gaston	8,038	7,611	427	Swain	4,001	3,329	672
Gates	38,548	13,652	24,896	Transylvania	6,716	1,277	5,439
Graham	1,252	31	1,221	Tyrrell	16,290	10,212	6,078
Granville	19,719	10,771	8,948	Union	15,516	14,253	1,263
Greene	5,687	4,226	1,461	Vance	12,048	5,769	6,279
Guilford	4,554	2,497	2,057	Wake	61,235	33,238	27,997
Halifax	80,098	45,583	34,515	Warren	67,785	48,633	19,152
Harnett	23,241	14,124	9,117	Washington	20,602	9,134	11,468
Haywood	8,729	2,281	6,448	Watauga	4	--	4
Henderson	3,488	660	2,828	Wayne	11,026	5,001	6,025
Hertford	44,555	25,100	19,455	Wilkes	15,289	7,613	7,676
Hoke	13,637	11,323	2,314	Wilson	46,235	20,566	25,669
Hyde	60,137	29,194	30,943	Yadkin	1,295	61	1,234
Iredell	9,712	9,005	707	Yancey	1,913	--	1,913
Jackson	2,932	--	2,932	All counties	3,004,895	1,750,470	1,254,425
Johnston	30,884	7,799	23,085				
Jones	64,555	49,111	15,444				

^aCounties with no pulpwood production are omitted.

Table 14.--Round pulpwood production in Oklahoma, 1983

County ^a	All species	Softwood	Hardwood
- - - Standard cords - - -			
Choctaw	10,001	4,620	5,381
Haskell	1,097	1,097	--
Latimer	11,422	4,720	6,702
Le Flore	32,991	17,870	15,121
McCurtain	39,177	23,879	15,298
Pushmataha	33,079	22,223	10,856
All counties	127,767	74,409	53,358

^aCounties with no pulpwood production are omitted.

Table 15.--Round pulpwood production in South Carolina, 1983

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
- - - Standard cords - - -				- - - Standard cords - - -			
Abbeville	56,299	40,554	15,745	Jasper	111,822	89,300	22,522
Aiken	50,445	36,687	13,758	Kershaw	190,398	155,455	34,943
Allendale	31,245	21,406	9,839	Lancaster	77,951	63,184	14,767
Anderson	71,462	57,337	14,125	Laurens	68,443	57,545	10,898
Bamberg	45,625	17,633	27,992	Lee	8,238	6,432	1,806
Barnwell	9,564	5,628	3,936	Lexington	58,613	54,199	4,414
Beaufort	23,007	11,502	11,505	McCormick	62,493	53,763	8,730
Berkeley	89,137	73,492	15,645	Marion	34,719	18,510	16,209
Calhoun	2,446	892	1,554	Marlboro	37,522	19,715	17,807
Charleston	20,751	9,633	11,118	Newberry	77,158	54,045	23,113
Cherokee	35,141	31,397	3,744	Oconee	30,343	20,019	10,324
Chester	78,673	67,029	11,644	Orangeburg	88,437	33,739	54,698
Chesterfield	79,459	61,386	18,073	Pickens	35,458	26,262	9,196
Clarendon	55,761	39,452	16,309	Richland	41,205	37,376	3,829
Colleton	163,239	103,137	60,102	Saluda	61,746	32,371	29,375
Darlington	29,707	12,278	17,429	Spartanburg	72,156	64,754	7,402
Dillon	25,913	16,927	8,986	Sumter	22,344	16,697	5,647
Dorchester	116,695	79,953	36,742	Union	68,257	50,792	17,465
Edgefield	26,999	21,385	5,614	Williamsburg	90,483	53,616	36,867
Fairfield	149,113	111,884	37,229	York	88,093	82,095	5,998
Florence	25,300	18,823	6,477	All counties	2,926,901	2,089,558	837,343
Georgetown	83,637	48,730	34,907				
Greenville	37,322	21,000	16,322				
Greenwood	113,018	62,710	50,308				
Hampton	90,968	66,588	24,380				
Horry	90,096	62,246	27,850				

^aCounties with no pulpwood production are omitted.

Table 16.--Round pulpwood production in Tennessee, 1983

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Anderson	9,518	9,434	84	Jefferson	4,748	4,306	442
Benton	19,097	8,119	10,978	Johnson	1,328	10	1,318
Bledsoe	25,400	8,535	16,865	Knox	9,434	9,434	--
Blount	8,503	8,048	455	Lawrence	19,405	9,305	10,100
Bradley	55,129	44,948	10,181	Lewis	22,447	12,785	9,662
Carroll	9,818	4,008	5,810	Lincoln	37	37	--
Carter	5,498	--	5,498	Loudon	3,908	3,908	--
Chester	3,307	2,404	903	McMinn	33,633	23,452	10,181
Claiborne	820	--	820	McNairy	21,171	15,843	5,328
Cocke	10,263	4,553	5,710	Madison	8,178	7,751	427
Coffee	12,982	5,208	7,774	Marion	24,990	6,028	18,962
Crockett	90	90	--	Maurry	1,870	1,870	--
Cumberland	27,583	22,460	5,123	Meigs	23,266	19,544	3,722
Decatur	9,811	6,101	3,710	Monroe	36,671	32,593	4,078
DeKalb	1	1	--	Morgan	17,762	8,081	9,681
Dyer	3,616	--	3,616	Perry	485	481	4
Fayette	546	546	--	Polk	15,122	11,727	3,395
Fentress	9,837	9,825	12	Rhea	14,984	10,421	4,563
Franklin	9,303	--	9,303	Roane	46,366	29,493	16,873
Gibson	29	29	--	Scott	17,819	10,747	7,072
Giles	25,521	18,266	7,255	Sequatchie	5,006	4,589	417
Grainger	8,311	2,269	6,042	Sevier	1,954	1,954	--
Greene	7,842	4,012	3,830	Stewart	8,462	828	7,634
Grundy	21,352	5,102	16,250	Sullivan	5,910	--	5,910
Hamilton	29,301	11,882	17,419	Unicoi	3,875	--	3,875
Hancock	7,055	--	7,055	Warren	23,014	12,038	10,976
Hardeman	9,469	5,452	4,017	Washington	2,746	9	2,737
Hardin	31,436	17,802	13,634	Wayne	137,080	36,305	100,775
Hawkins	5,598	--	5,598	Weakley	1,421	1,018	403
Haywood	812	812	--	Williamson	497	497	--
Henderson	29,626	29,581	45	Wilson	11	11	--
Henry	19,527	2,422	17,105				
Hickman	62,116	5,435	56,681				
Humphreys	23,302	--	23,302				
				All counties	1,016,019	512,409	503,610

^aCounties with no pulpwood production are omitted.

Table 17.--Round pulpwood production in Texas, 1983

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Anderson	24,435	18,983	5,452	Nacogdoches	87,861	78,138	9,723
Angelina	97,544	83,996	13,548	Newton	139,316	75,080	64,236
Bowie	85,087	60,241	24,846	Orange	10,789	9,733	1,056
Camp	25,238	19,115	6,123	Panola	72,124	49,019	23,105
Cass	193,550	130,095	63,455	Polk	173,942	111,136	62,806
Chambers	735	578	157	Red River	17,331	8,945	8,386
Cherokee	113,772	99,067	14,705	Rusk	53,902	39,613	14,289
Franklin	4,201	3,686	515	Sabine	38,217	14,828	23,389
Gregg	18,467	16,249	2,218	San Augustine	82,857	35,669	47,188
Grimes	46,097	45,052	1,045	San Jacinto	52,625	37,828	14,797
Hardin	92,923	30,593	62,330	Shelby	78,444	55,055	23,389
Harris	3,227	1,073	2,154	Smith	53,120	43,111	10,009
Harrison	106,698	90,721	15,977	Titus	18,945	14,198	4,747
Henderson	1,729	1,729	--	Trinity	99,389	93,976	5,413
Houston	76,242	54,334	21,908	Tyler	118,434	53,432	65,002
Jasper	105,086	66,541	38,545	Upshur	48,763	39,742	9,021
Jefferson	593	305	288	Van Zandt	39	39	--
Leon	578	578	--	Walker	49,377	35,383	13,994
Liberty	20,875	5,389	15,486	Wood	16,474	13,164	3,310
Marion	105,993	77,548	28,445	All counties	2,442,769	1,706,636	736,133
Montgomery	70,383	63,392	6,991				
Morris	37,367	29,282	8,085				

^aCounties with no pulpwood production are omitted.

Table 18.--Round pulpwood production in Virginia, 1983

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Accomack	14,919	14,893	26	King George	5,033	5,033	--
Albemarle	114,100	34,168	79,932	King William	20,666	12,212	8,454
Alleghany	81,407	11,811	69,596	Lancaster	3,335	2,644	691
Amelia	57,532	19,829	37,703	Lee	18,366	--	18,366
Amherst	31,261	16,601	14,660	Loudoun	211	158	53
Appomattox	67,637	40,859	26,778	Louisa	47,436	24,898	22,538
Arlington	255	201	54	Lunenburg	31,334	15,560	15,774
Augusta	109,734	11,089	98,645	Madison	2,865	248	2,617
Bath	40,735	3,947	36,788	Mathews	2,756	1,947	809
Bedford	64,801	29,584	35,217	Mecklenburg	54,324	33,042	21,282
Bland	7	--	7	Middlesex	4,683	4,264	419
Botetourt	41,935	9,624	32,311	Montgomery	26	--	26
Brunswick	94,153	55,790	38,363	Nelson	70,426	29,972	40,454
Buchanan	96,686	8,056	88,630	New Kent	24,844	13,409	11,435
Buckingham	98,202	55,720	42,482	Northampton	10,646	4,399	6,247
Campbell	62,616	42,653	19,963	Northumberland	2,315	1,742	573
Caroline	32,711	24,108	8,603	Nottoway	19,265	8,062	11,203
Carroll	9	9	--	Orange	10,742	6,041	4,701
Charles City	13,189	6,203	6,986	Page	4	--	4
Charlotte	65,495	38,886	26,609	Patrick	16,847	3,466	13,381
Chesapeake	86	6	80	Pittsylvania	81,209	63,634	17,575
Chesterfield	12,728	11,491	1,237	Powhatan	9,211	7,315	1,896
Clarke	2	--	2	Prince Edward	86,461	36,936	49,525
Craig	23,772	4,211	19,561	Prince George	17,577	9,163	8,414
Culpeper	6,409	4,765	1,644	Prince William	9,036	4,664	4,372
Cumberland	54,800	30,114	24,686	Pulaski	5	5	--
Dickenson	5	5	--	Rappahannock	5	5	--
Dinwiddie	37,741	17,473	20,268	Richmond	17,101	13,282	3,819
Essex	17,803	12,475	5,328	Roanoke	363	85	278
Fairfax	7,113	6,648	465	Rockbridge	51,392	12,106	39,286
Fauquier	12,487	8,318	4,169	Rockingham	608	349	259
Floyd	36	--	36	Russell	2,548	--	2,548
Fluvanna	57,380	30,488	26,892	Scott	15,091	--	15,091
Franklin	70,847	23,625	47,222	Shenandoah	3,573	1,397	2,176
Frederick	10,878	7,581	3,297	Smyth	6,818	--	6,818
Giles	1,604	135	1,469	Southampton	59,462	19,191	40,271
Gloucester	13,053	12,138	915	Spotsylvania	24,234	17,606	6,628
Goochland	21,767	16,198	5,569	Stafford	1,106	1,106	--
Greene	1,626	1,093	533	Suffolk	28,487	7,661	20,826
Greensville	24,063	7,126	16,937	Surry	24,227	11,445	12,782
Halifax	46,865	25,941	20,924	Sussex	51,622	24,286	27,336
Hanover	26,678	21,381	5,297	Warren	500	500	--
Henrico	21,029	9,958	11,071	Washington	3,458	--	3,458
Henry	46,363	17,526	28,837	Westmoreland	1,872	1,358	514
Highland	18,157	2,155	16,002	Wise	22,498	--	22,498
Isle of Wight	27,816	9,163	18,653	Wythe	835	--	835
James City	1,106	743	363	York	5,725	1,956	3,769
King and Queen	30,279	18,904	11,375	All counties	2,551,025	1,124,839	1,426,186

^aCounties with no pulpwood production are omitted.

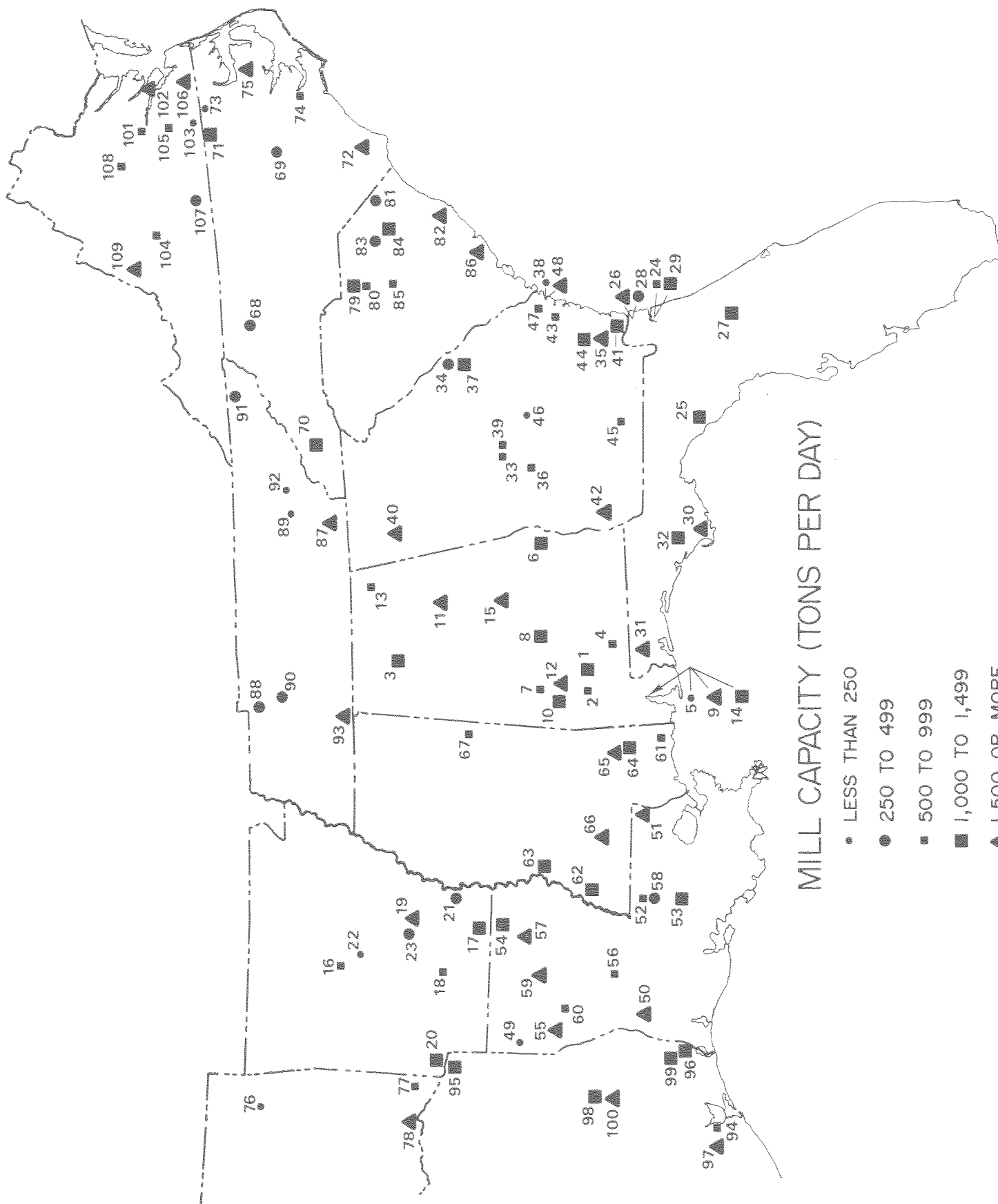


Table 19.--Southern pulpmills, by process and capacity, 1983

Location	Map code ^a	Company	Pulping capacity, 24 hours ^b				
			All processes	Sulfate	Groundwood and other mechanical	Semi- chemical	Soda and sulfite
			----- Tons -----				
ALABAMA							
Claiborne	(1)	Alabama River Pulp Company	1,000	1,000	--	--	--
Jackson	(2)	Allied Paper Company	600	600	--	--	--
Courtland	(3)	Champion International Corporation	1,350	1,350	--	--	--
Brewton	(4)	Container Corporation of America	800	800	--	--	--
Mobile	(5)	GAF Corporation	50	--	50	--	--
Mahrt	(6)	Georgia Kraft Company, Alabama Div.	1,100	1,100	--	--	--
Demopolis	(7)	Gulf States Paper Corporation	525	525	--	--	--
Selma	(8)	Hammermill Paper Company	1,100	1,100	--	--	--
Mobile	(9)	International Paper Company	1,500	1,200	300	--	--
Naheola	(10)	James River Corporation	1,000	1,000	--	--	--
Coosa Pines	(11)	Kimberly-Clark Corporation	1,940	1,000	940	--	--
Pine Hill	(12)	McMillan Bloedel, Inc.	1,684	1,100	--	584	--
Stevenson	(13)	Mead Paperboard	850	--	--	850	--
Mobile	(14)	Scott Paper Company	1,450	1,450	--	--	--
Montgomery	(15)	Union Camp Corporation	2,300	2,300	--	--	--
Total			17,249	14,525	1,290	1,434	--
ARKANSAS							
Morrilton	(16)	Arkansas Kraft Corporation	800	800	--	--	--
Crossett	(17)	Georgia-Pacific Corporation	1,400	1,400	--	--	--
Camden	(18)	International Paper Company	750	750	--	--	--
Pine Bluff	(19)	International Paper Company	1,700	1,300	400	--	--
Ashdown	(20)	Nekoosa Papers, Inc.	1,285	1,285	--	--	--
McGehee	(21)	Potlatch Corporation	450	450	--	--	--
Little Rock	(22)	Superwood Corporation	140	--	140	--	--
Pine Bluff	(23)	Weyerhaeuser Company	300	300	--	--	--
Total			6,825	6,285	540	--	--
FLORIDA							
Jacksonville	(24)	Alton Packaging Corporation	700	700	--	--	--
Foley	(25)	The Buckeye Cellulose Corporation	1,000	1,000	--	--	--
Fernandina Beach	(26)	Container Corporation of America	1,700	1,700	--	--	--
Palatka	(27)	Georgia-Pacific Corporation	1,150	1,150	--	--	--
Fernandina Beach	(28)	I.T.T. Rayonier, Inc.	400	--	--	--	400
Jacksonville	(29)	Jacksonville Kraft Paper Company	1,400	1,400	--	--	--
Port St. Joe	(30)	St. Joe Paper Company	1,700	1,700	--	--	--
Cantonment	(31)	St. Regis Paper Company	1,560	1,560	--	--	--
Panama City	(32)	Southwest Forest Industries, Inc.	1,465	1,465	--	--	--
Total			11,075	10,675	--	--	400
GEORGIA							
Macon	(33)	Armstrong World Industries	927	--	927	--	--
Augusta	(34)	Augusta Newsprint Company	400	--	400	--	--
Brunswick	(35)	Brunswick Pulp and Paper Company	1,735	1,735	--	--	--
Oglethorpe	(36)	Buckeye Cellulose Corporation	860	860	--	--	--
Augusta	(37)	Continental Forest Industries	1,200	800	400	--	--
Savannah	(38)	GAF Corporation (closed Nov. 1983)	125	--	125	--	--
Macon	(39)	Georgia Kraft Company, Mead Div.	900	900	--	--	--
Rome	(40)	Georgia Kraft Company, Krannert Div.	1,800	1,800	--	--	--
St. Marys	(41)	Gilman Paper Co., St. Marys Kraft Div.	1,100	1,100	--	--	--
Cedar Springs	(42)	Great Southern Paper Company	2,270	1,870	--	400	--
Riceboro	(43)	Interstate Paper Corporation	550	550	--	--	--
Jesup	(44)	I.T.T. Rayonier, Inc.	1,400	1,400	--	--	--
Valdosta	(45)	Owens-Illinois, Forest Products Div.	900	900	--	--	--
Dublin	(46)	Southeast Paper Mfg. Company	50	--	50	--	--
Port Wentworth	(47)	Stone Container	700	700	--	--	--
Savannah	(48)	Union Camp Corporation	3,000	3,000	--	--	--
Total			17,917	15,615	1,902	400	--

Continued

Table 19.--Southern pulpmills, by process and capacity, 1983--Continued

Location	Map code ^a	Company	Pulping capacity, 24 hours ^b				
			All processes	Sulfate	Groundwood and other mechanical	Semi- chemical	Soda and sulfite
			----- Tons -----				
LOUISIANA							
Shreveport	(49)	Bird and Son, Inc.	225	--	--	225	--
DeRidder	(50)	Boise Southern Company	2,160	1,260	900	--	--
Bogalusa	(51)	Crown Zellerbach Corporation	1,600	1,300	--	300	--
St. Francisville	(52)	Crown Zellerbach Corporation	550	550	--	--	--
Port Hudson	(53)	Georgia-Pacific Corporation	1,300	1,300	--	--	--
Bastrop	(54)	International Paper Co. (Louisiana)	1,100	1,100	--	--	--
Mansfield	(55)	International Paper Company	1,900	1,900	--	--	--
Pineville	(56)	International Paper Company	985	985	--	--	--
West Monroe	(57)	Manville Forest Products Corporation	1,900	1,650	--	250	--
St. Francisville	(58)	St. Francisville Paper Company	255	--	255	--	--
Hodge	(59)	Stone Container Corporation	1,650	1,300	--	350	--
Campiti	(60)	Willamette Industries, Inc.	800	800	--	--	--
Total			14,425	11,645	1,155	1,625	--
MISSISSIPPI							
Moss Point	(61)	International Paper Company	700	700	--	--	--
Natchez	(62)	International Paper Company	1,100	1,100	--	--	--
Vicksburg	(63)	International Paper Company	1,180	1,180	--	--	--
New Augusta	(64)	Great Northern-Leaf River Forest Prod.	1,050	1,050	--	--	--
Laurel	(65)	Masonite Corporation	3,380	--	3,380	--	--
Monticello	(66)	St. Regis Paper Company	1,620	1,620	--	--	--
Columbus	(67)	Weyerhaeuser Company	500	--	--	500	--
Total			9,350	5,650	3,380	500	--
NORTH CAROLINA							
Roaring River	(68)	Abitibi-Price Corporation	375	--	375	--	--
Goldsboro	(69)	Celotex Corporation	300	--	300	--	--
Canton	(70)	Champion International Corporation	1,400	1,400	--	--	--
Roanoke Rapids	(71)	Champion International Corporation	1,000	1,000	--	--	--
Riegelwood	(72)	Federal Paper Board Company, Inc.	2,000	2,000	--	--	--
Conway	(73)	Georgia-Pacific Corporation	200	--	200	--	--
New Bern	(74)	Weyerhaeuser Company	800	800	--	--	--
Plymouth	(75)	Weyerhaeuser Company	1,800	1,550	--	250	--
Total			7,875	6,750	875	250	--
OKLAHOMA							
Pryor	(76)	Georgia-Pacific Corporation	200	--	200	--	--
Broken Bow	(77)	Weyerhaeuser Company	920	--	920	--	--
Valliant	(78)	Weyerhaeuser Company	2,000	1,500	--	500	--
Total			3,120	1,500	1,120	500	--
SOUTH CAROLINA							
Catawba	(79)	Bowaters Carolina Corporation	1,260	1,050	210	--	--
Catawba	(80)	Catawba Newsprint Company	500	--	500	--	--
Marion	(81)	Celotex Corporation	450	--	450	--	--
Georgetown	(82)	International Paper Company	1,713	1,613	--	100	--
Hartsville	(83)	Sonoco Products Company	280	--	--	280	--
Florence	(84)	Stone Container Corporation	1,400	1,400	--	--	--
Eastover	(85)	Union Camp Corporation	700	700	--	--	--
Charleston	(86)	Westvaco Corporation	2,435	2,435	--	--	--
Total			8,738	7,198	1,160	380	--

Continued

Table 19.--Southern pulpmills, by process and capacity, 1983--Continued

Location	Map code ^a	Company	Pulping capacity, 24 hours ^b				
			All processes	Sulfate	Groundwood and other mechanical	Semi- chemical	Soda and sulfite
			----- Tons -----				
TENNESSEE							
Calhoun	(87)	Bowaters Southern Paper Corporation	2,197	697	1,290	--	210
Paris	(88)	The Celotex Corporation	300	--	--	300	--
Harriman	(89)	Harriman Paperboard Corporation	190	--	--	190	--
New Johnsonville	(90)	Inland Container Corporation	400	--	--	400	--
Kingsport	(91)	Mead Paper	300	--	--	--	300
Knoxville	(92)	Tamko Asphalt Products, Inc.	120	--	120	--	--
Counce	(93)	Tennessee River Pulp and Paper Company	1,600	1,600	--	--	--
Total			5,107	2,297	1,410	890	510
TEXAS							
Pasadena	(94)	Champion International Corporation	840	840	--	--	--
Texarkana	(95)	International Paper Company	1,200	1,200	--	--	--
Orange	(96)	Owens-Illinois, Inc.	1,200	1,200	--	--	--
Houston	(97)	St. Regis Paper Company	1,850	650	1,200	--	--
Lufkin	(98)	St. Regis Paper Company	1,200	400	800	--	--
Diboll	(99)	Temple-EasTex, Inc.	1,430	--	1,430	--	--
Evadale	(100)	Temple-EasTex, Inc.	1,500	1,500	--	--	--
Total			9,220	5,790	3,430	--	--
VIRGINIA							
Ashland	(101)	Bear Island Paper Company	500	--	--	500	--
West Point	(102)	The Chesapeake Corporation of Virginia	1,505	1,505	--	--	--
Jarratt	(103)	Georgia-Pacific Corporation	240	--	240	--	--
Big Island	(104)	Owens-Illinois, Forest Products Div.	575	--	--	575	--
Hopewell	(105)	Stone Container	970	970	--	--	--
Franklin	(106)	Union Camp Corporation	2,100	2,100	--	--	--
Danville	(107)	United States Gypsum Company	300	--	300	--	--
Riverville	(108)	Virginia Fiber Corporation	550	--	--	550	--
Covington	(109)	Westvaco Corporation	1,568	1,376	--	192	--
Total			8,308	5,951	540	1,817	--
Total South			119,389	93,881	16,802	7,796	910

^a Corresponds to numbers at locations on mill capacity map, page 21.^b Southern Pulp and Paper Directory, Vol. 46, No. 10 (October 1983); and other sources.

Table 20.--Other mills using southern pulpwood in 1983, by process and capacity

Location	Company	Pulping capacity, 24 hours ^b				
		All processes	Sulfate	Groundwood and other mechanical	Semi- chemical	Soda and sulfite
		-	-	-	-	-
		-	-	-	-	-
		-	-	-	-	-
		-	-	-	-	-
		-	-	-	-	-
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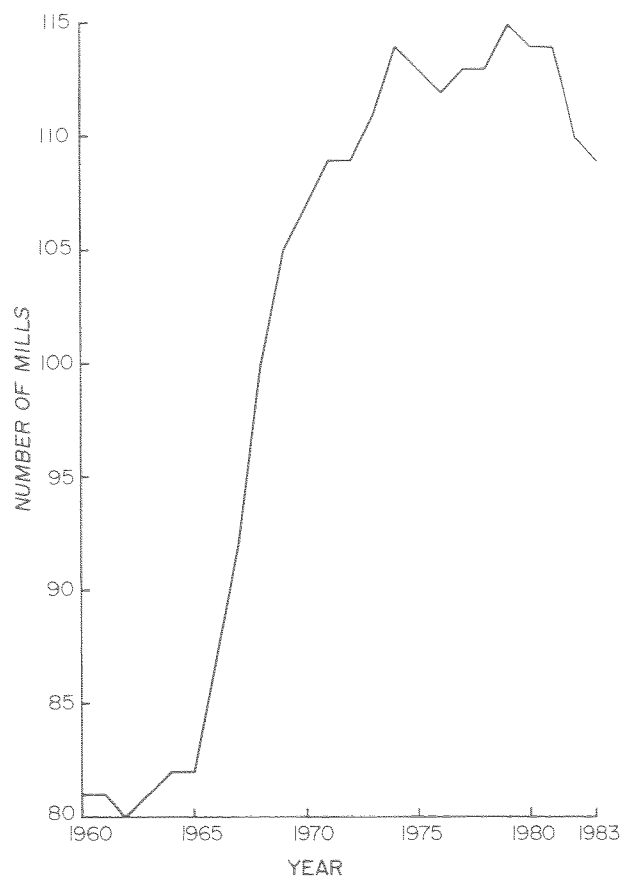


Figure 1.--Number of mills, 1960-1983.

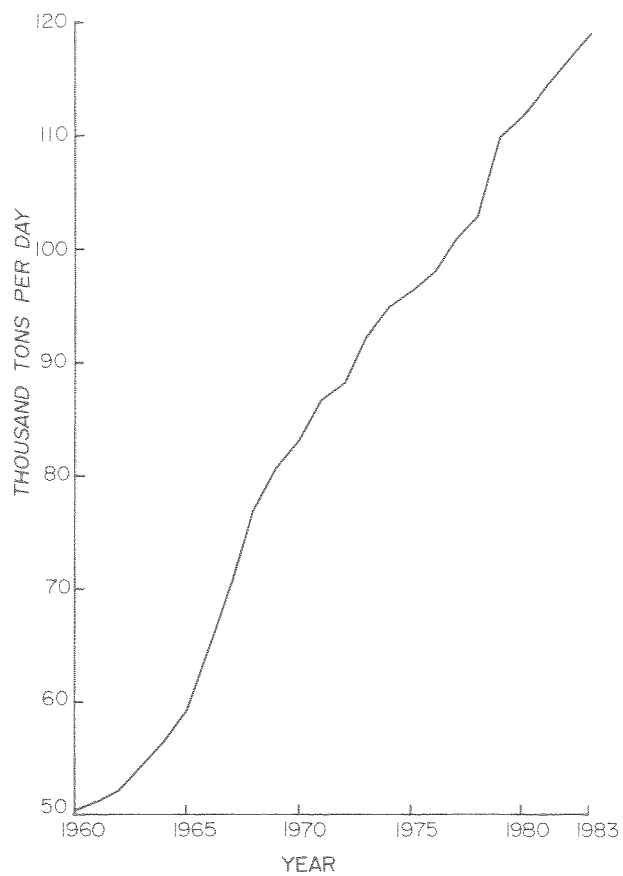


Figure 2.--Pulping capacity, 1960-1983.

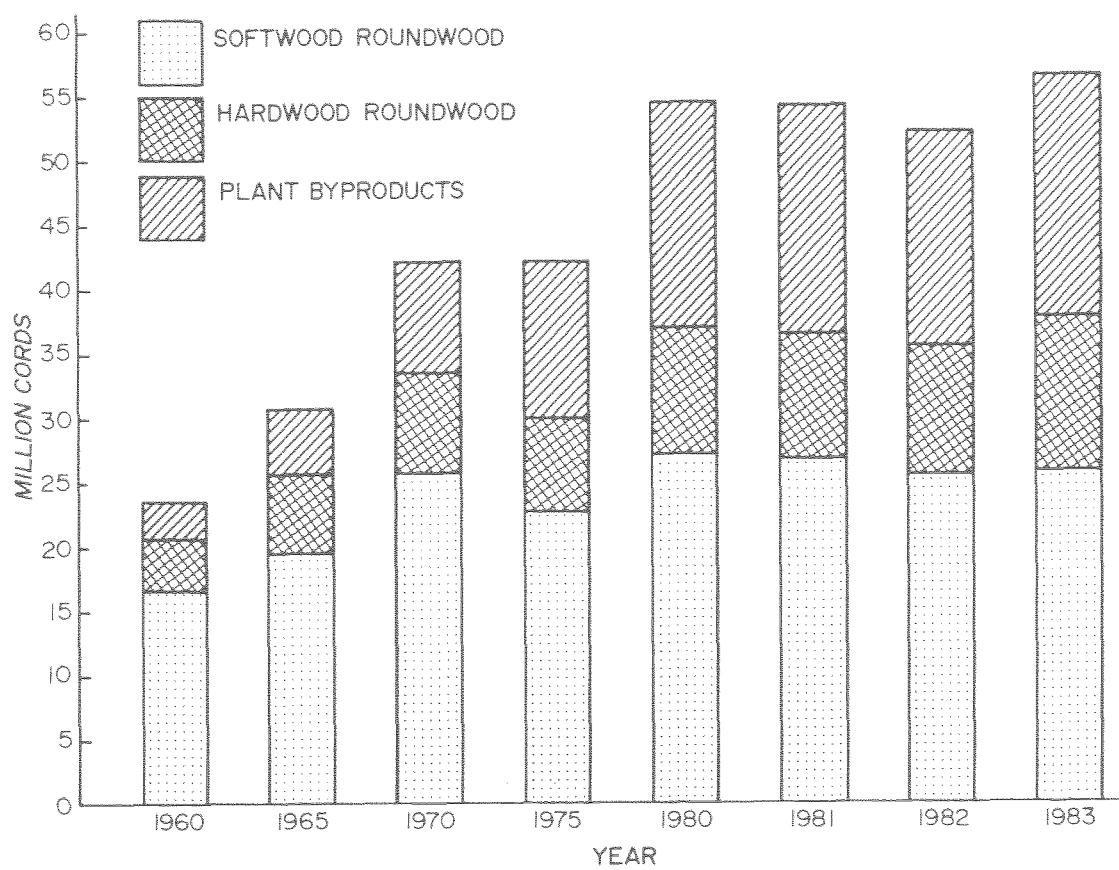


Figure 3.--Southern pulpwood production, 1960-1983.



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Hutchins, Cecil C., Jr.

Southern pulpwood production, 1983. Resour. Bull. SE-79. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station; 1985. 26 pp.

Pulpwood production in the South was 56.6 million cords in 1983, an 8 percent increase since 1982. Roundwood production increased by 6.6 percent during 1983, and residue by 12 percent. Pulping capacity was 119,389 tons per day at 109 mills.

KEYWORDS: Pulpwood, roundwood, residues, pulpmills.

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