United States
Department of
Agriculture

Forest Service

Southeastern Forest
Experiment Station

Resource Bulletin
SE-79

Southern Pulpwood Production, 1983

Cecil C. Hutchins, Jr.

In this report:

	Page
SOUTHERN PULPWOOD 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

August 1985

Southeastern Forest Experiment Station
200 Weaver Boulevard
Asheville, North Carolina 28804

Southern Pulpwood Production, 1983

Cecil C. Hutchins, Jr., Forestry Technician
Forest Inventory and Analysis
Asheville, North Carolina

SOUTHEASTERN FOREST EXPERIMENT STATION
Asheville, North Carolina
and
SOUTHERN FOREST EXPERIMENT STATION
New Orleans, Louisiana
of the
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
	Thousand cords	Percent
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
	- - - - -	Thousand cords	- - - - -
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
	Percent	Thousand cords					
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

[a]Previously 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
	Percent	Thousand cords					
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
	Thousand cords						
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

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

[a]States of Florida, Georgia, North Carolina, South Carolina, and Virginia.

[b]States of Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas.

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

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

[a]Counties with no pulpwood production are omitted.

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

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

[a]Counties with no pulpwood production are omitted.

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

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

[a]Counties with no pulpwood production are omitted.

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

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

Continued

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

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

[a]Counties with no pulpwood production are omitted.

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

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

[a]Parishes with no pulpwood production are omitted.

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

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

[a]Counties with no pulpwood production are omitted.

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

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

[a]Counties 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

[a]Counties with no pulpwood production are omitted.

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

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

[a]Counties with no pulpwood production are omitted.

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

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

[a]Counties with no pulpwood production are omitted.

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

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

[a]Counties with no pulpwood production are omitted.

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

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

[a]Counties with no pulpwood production are omitted.

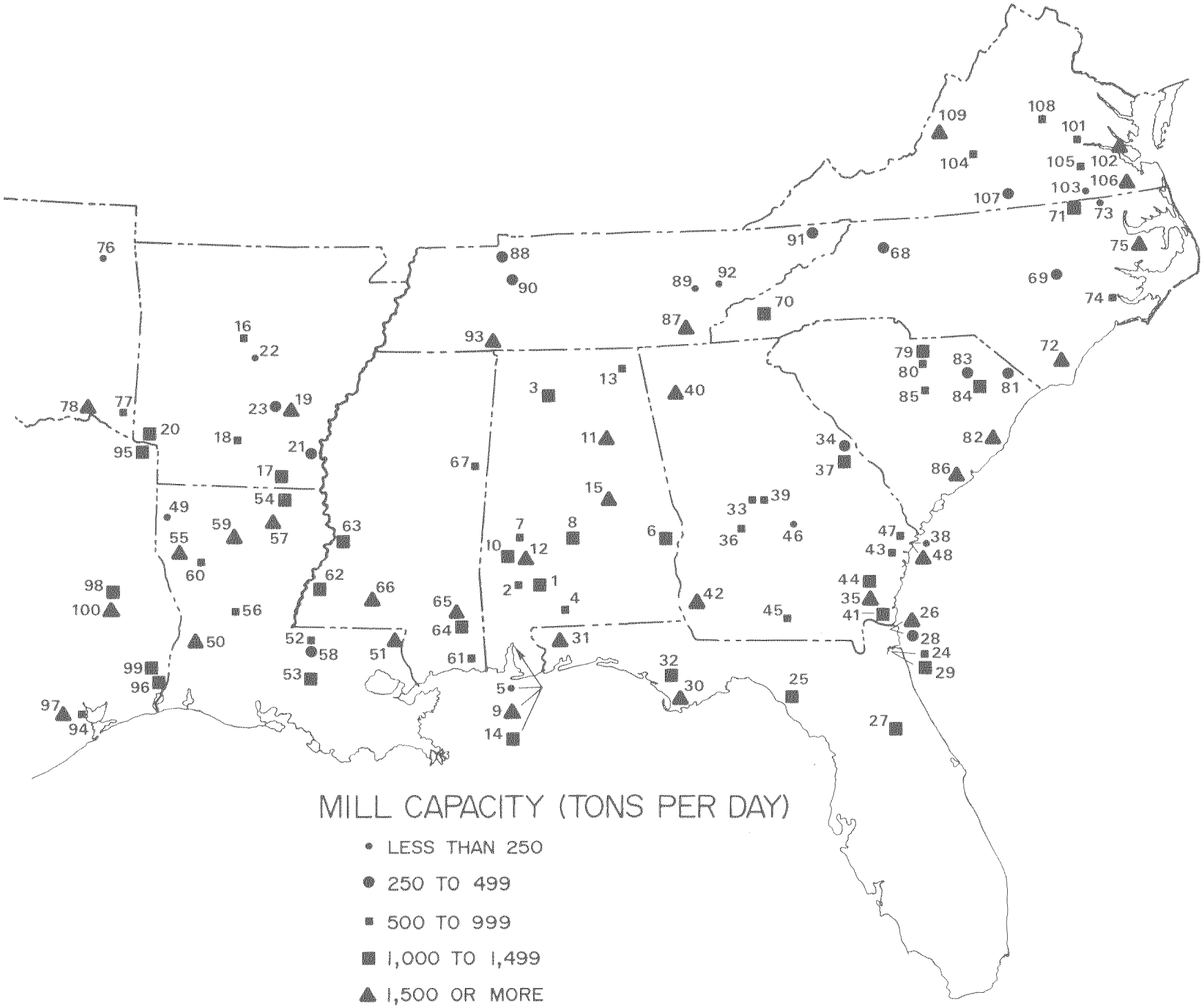
MILL CAPACITY (TONS PER DAY)
LESS THAN 250
250 TO 499
500 TO 999
1,000 TO 1,499
1,500 OR MORE

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	--
Campti	(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
		Tons				
KENTUCKY						
Wickliffe	Westvaco Corporation	739	739	--	--	--
Hawesville	Willamette Industries	600	--	--	600	--
MARYLAND						
Luke	Westvaco Corporation	866	866	--	--	--
PENNSYLVANIA						
Roaring Springs	Appleton Papers, Inc.	180	180	--	--	--
Spring Grove	P.H. Glatfelter Company	550	550	--	--	--

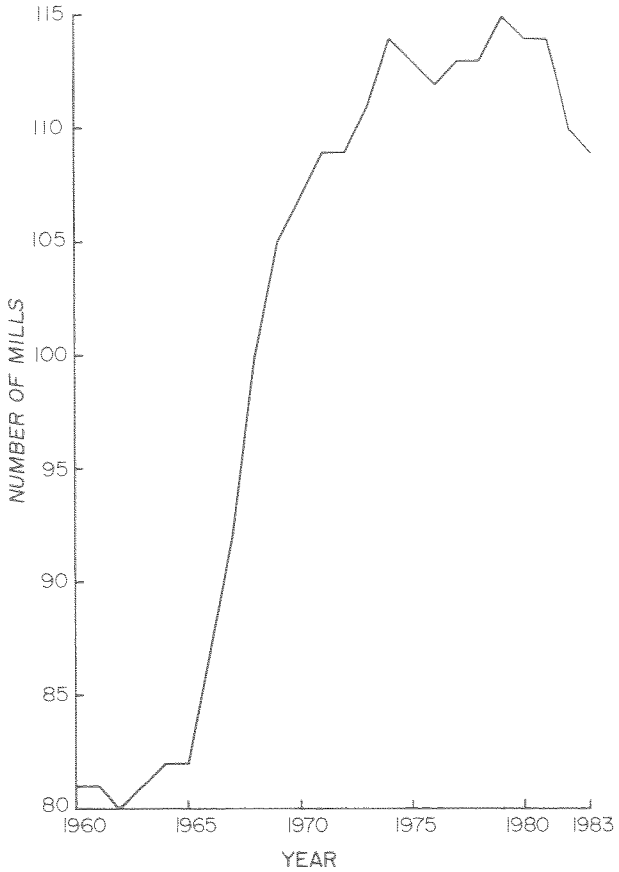

Figure 1.--Number of mills, 1960-1983.

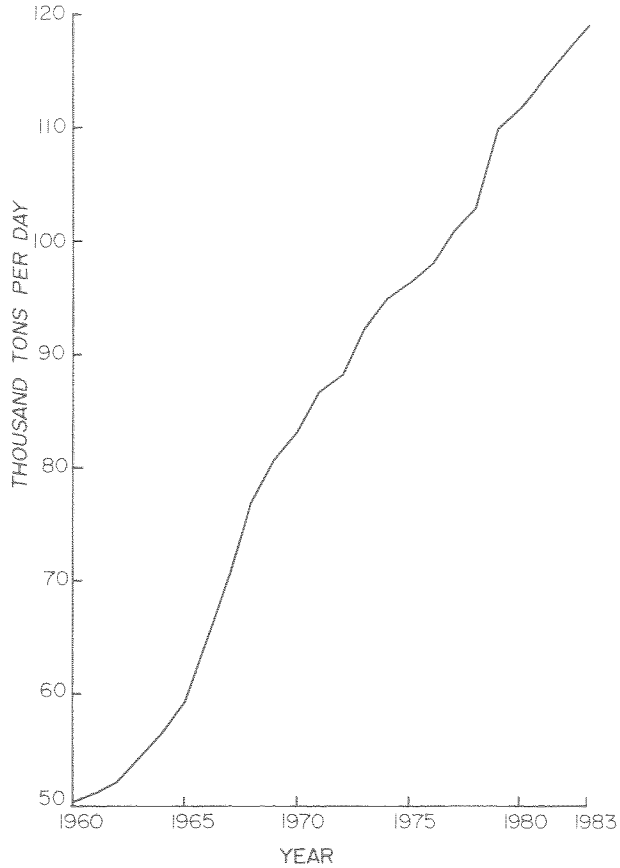

Figure 2.--Pulping capacity, 1960-1983.

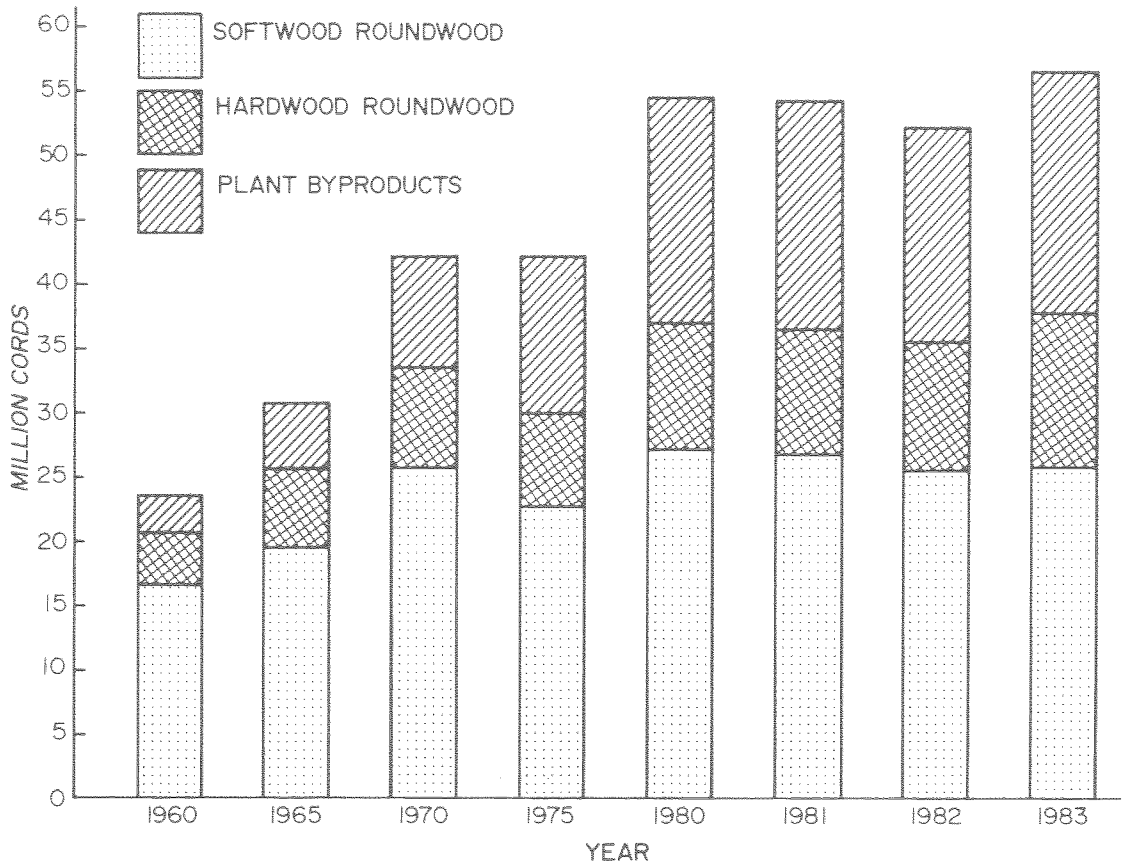

Figure 3.--Southern pulpwood production, 1960-1983.

The Forest Service, U.S. Department of Agriculture, is dedicated to the principle of multiple use management of the Nation's forest resources for sustained yields of wood, water, forage, wildlife, and recreation. Through forestry research, cooperation with the States and private forest owners, and management of the National Forests and National Grasslands, it strives—as directed by Congress—to provide increasingly greater service to a growing Nation.

USDA policy does not permit discrimination because of race, color, national origin, sex or religion. Any person who believes he or she has been discriminated against in any USDA-related activity should write immediately to the Secretary of Agriculture, Washington, D.C. 20250.

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.

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.