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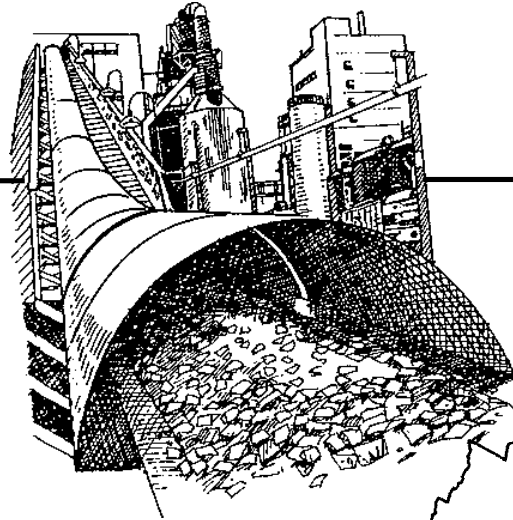
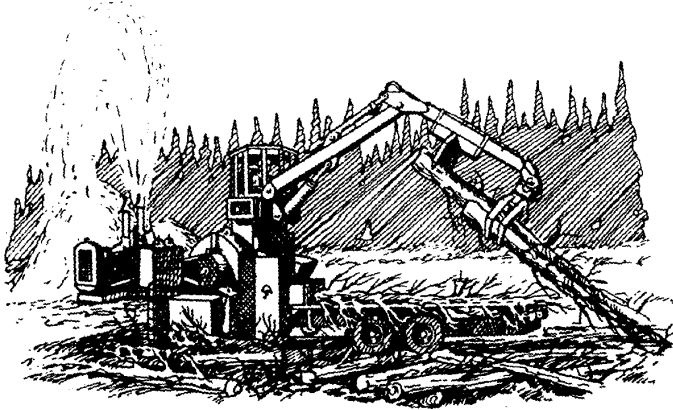
Southern  
Research Station

Resource Bulletin  
SRS-57

# Southern Pulpwood Production, 1999

Tony G. Johnson

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Note: All tables in this report are available in Microsoft® Excel workbook files. These files will be supplied, upon request, on 3½-inch diskettes.

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# **Southern Pulpwood Production, 1999**

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## Introduction

This annual publication presents the findings of a 100-percent canvass of pulpmills that draw roundwood or wood residues from the 13 Southern States. Canvass data are compiled, analyzed, and reported annually by the Southern Research Station. Ninety-five of the 97 mills canvassed responded. Past canvass data and other sources of information were used for mills that did not respond. Mill data reported in nonstandard units were converted to standard cords with regional conversion factors. All production figures are reported in cords. Production expressed in equivalent green tons is reported in tables 1, 2, and 7–19.

## Pulpwood

According to the June 2000 issue of *North American Papermaker* (Paper Industry Management Association 2000), wood and lumber prices were driven higher by the recovering Asian economy and the continued boom in North American housing, while the pulp and paper side saw disciplined control of capacity growth and major downtime. This is evidenced in this report by the second year to show a decline in southern pulpwood production. This is the first time in more than 50 years of reporting that this has occurred in the South. After a 2-percent decline in 1998 to 74.7 million cords, southern pulpwood production was down another 5 percent in 1999 to 71.1 million cords, or 187.5 million green tons. In 1999, the South Central region

(consisting of Alabama, Arkansas, Kentucky, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas) led in the production of pulpwood. This region supplied 40.3 million cords compared to the Southeast's (Florida, Georgia, North Carolina, South Carolina, and Virginia) production of 30.8 million cords (table 1). Alabama continued to lead the South with 11.7 million cords of pulpwood produced in 1999 (fig. 1), a decline of 14 percent from 1998. Georgia's production increased 4 percent to 10.7 million cords. Production in Mississippi was down by 8 percent to 8.3 million cords, while Louisiana's production was down 9 percent to 6.7 million cords. South Carolina's production was up 12 percent to 6.4 million cords. Collectively, these five States accounted for 62 percent of the South's total production. Only Arkansas, Georgia, Kentucky, South Carolina, and Tennessee reported production increases (table 2). Softwood roundwood and residues combined accounted for 69 percent of the total pulpwood production, while hardwoods accounted for the remainder (table 3).

## Roundwood

Roundwood continues to be the primary fiber source used in pulp manufacture, accounting for 69 percent of the total pulpwood production (fig. 2). Overall, the South's roundwood production was down 7 percent in 1999 to a total of 49.2 million cords (table 4). Softwood accounted for 66 percent of the total roundwood production. Softwood roundwood production was down 4 percent, while

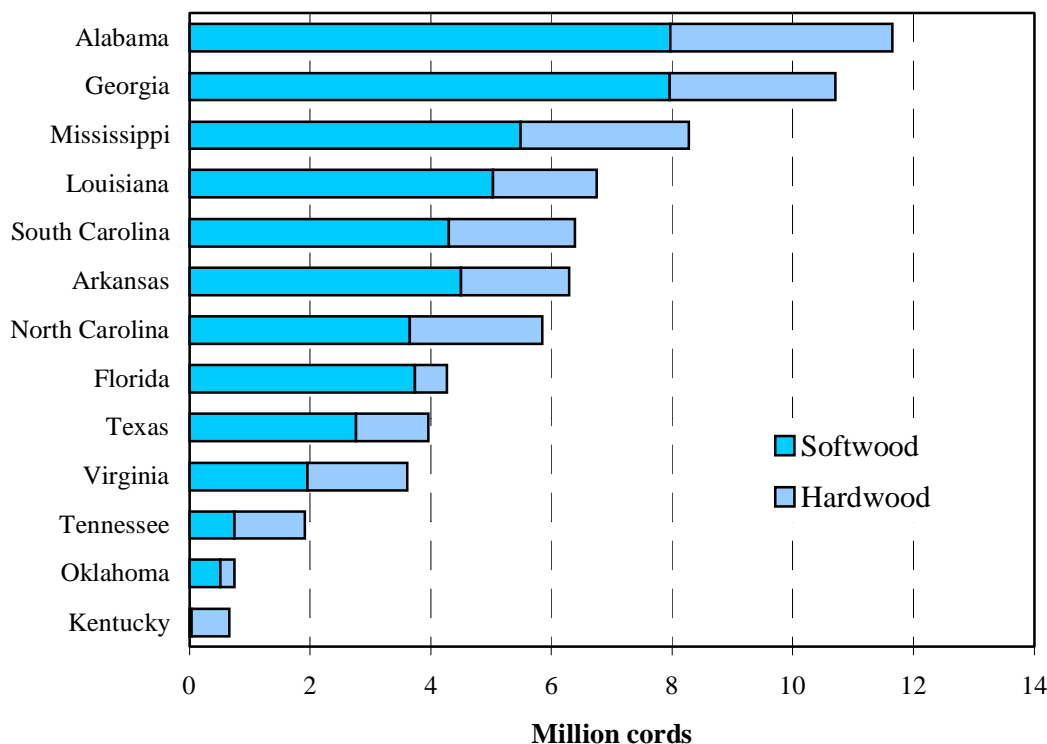
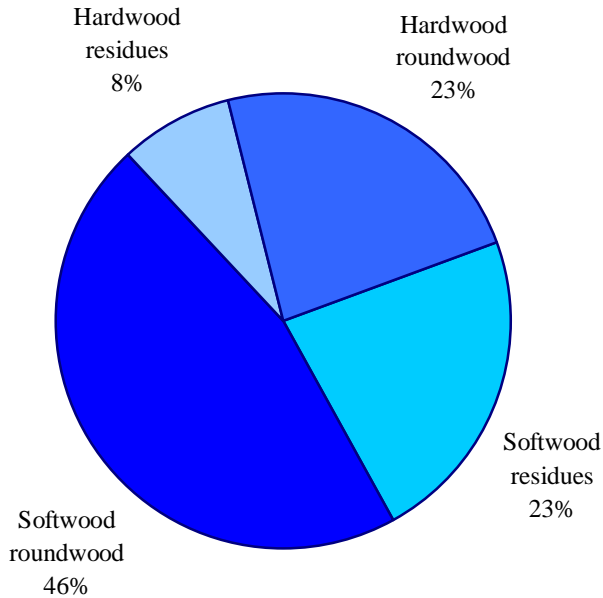


Figure 1—1999 pulpwood production by State and broad species.



**71 Million cords**

Figure 2—Distribution of total production by roundwood and residues.

hardwood roundwood production declined 11 percent. Alabama led in total roundwood production, with 8.7 million cords, and was the leading producer of hardwood roundwood at 3.0 million cords. Georgia ranked second in roundwood production with 7.9 million cords. Georgia was the leading softwood roundwood producer at 5.8 million cords. Mississippi, Louisiana, and South Carolina followed with 5.4, 4.8, and 4.5 million cords, respectively. Combined production in all five States comprised 64 percent of the South's roundwood total.

**Wood Residues**

Mills reported two types of receipts: (1) roundwood and (2) wood residues. The second category is primarily mill residue chips. An unknown proportion of the wood residue is chipped in the woods or received at a primary processor, i.e., sawmill or veneer mill, as roundwood and subsequently chipped. Thus, an unknown proportion of the wood chips received at pulpmills as residues should be treated as roundwood because it is not a byproduct of the milling process. However, these data come from a complete canvass of all commodities for each State, and are not used for this report.

With this in mind, in 1999, wood residue production in the South remained nearly stable at 21.9 million cords (table 5). Seventy-three percent of wood residues produced were softwoods. Chipped residues accounted for almost all the residue produced (table 6). Alabama led all States in the production of wood residues at 3.0 million cords, followed

by Mississippi and Georgia with 2.8 million cords each and North Carolina with 2.3 million cords. The South Central region led the Southeast region in wood residue production, supplying 59 percent of the total residue volume.

**Parish or County Production**

Tables 7–19 report county and parish (hereinafter county) patterns of roundwood pulpwood production. Wood residues are not included in these figures because the county of origin for the residues is difficult, if not impossible, to determine. Of the 1,002 counties in the Southern States, 909 counties produced both softwood and hardwood roundwood; 16 harvested more than 250,000 cords of softwood and hardwood roundwood combined. Most of these counties were in Alabama and Louisiana. Sixteen percent, or 146 counties evenly distributed across the South, had roundwood production ranging between 100,000 and 250,000 cords. The remaining counties had production of less than 100,000 cords. Figures 3 and 4 display softwood and hardwood roundwood production in cords per square mile, which discounts county size and presents a more equitable display of production. The counties in the darkest shade of blue were those with production of more than 100 cords per square mile. Across the South, 210 counties had production of more than 100 cords of softwood per square mile, while 42 counties had hardwood production in this range (table I).

**Table I—Number of producing counties in the South, by range of cords per square mile for softwood and hardwood roundwood, 1999**

Range	Softwood	Hardwood
	<i>Number of counties</i>	
0	76	32
0.001–10.0	207	270
10.1–50.0	215	410
50.1–100.0	201	155
100.1–511.0	210	42
<b>Total</b>	<b>909</b>	<b>909</b>

A barometer for degree of competition is the number of mills procuring wood in a county (figs. 5 and 6). In 315 of the producing counties, or 35 percent, 1 to 3 mills were actively procuring both softwood and hardwood roundwood (table II). In 304 counties, 4 to 6 mills were actively procuring wood, and in the remaining 290 counties, or 32 percent, 7 or more mills were active.

**Roundwood Movement**

Tables 20 and 21 show the softwood and hardwood roundwood movement for the Southeast and South Central regions. Numbers inside the frames represent roundwood

# Softwood Roundwood Production, 1999

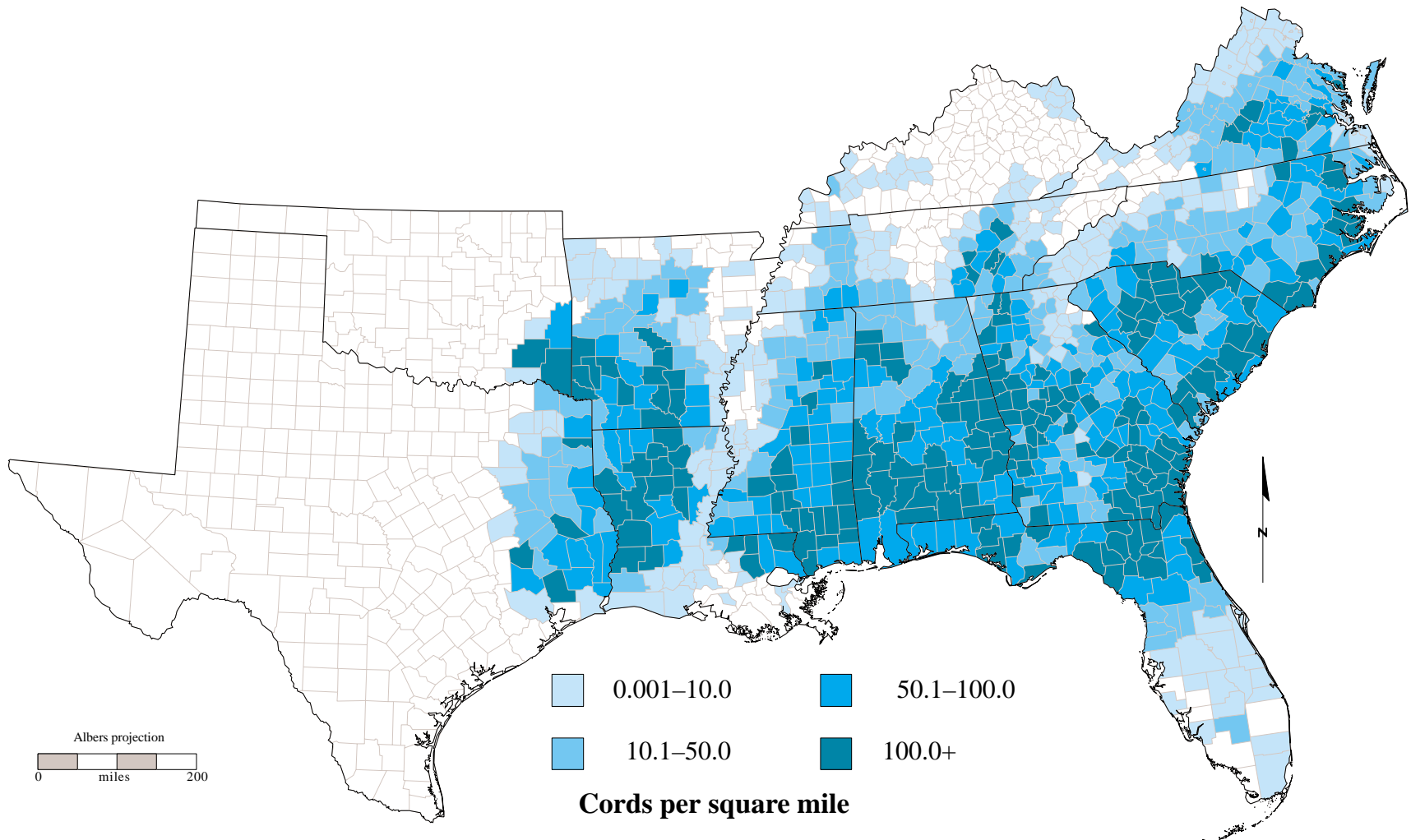


Figure 3—Softwood roundwood production in the South by county or parish, 1999.

# Hardwood Roundwood Production, 1999

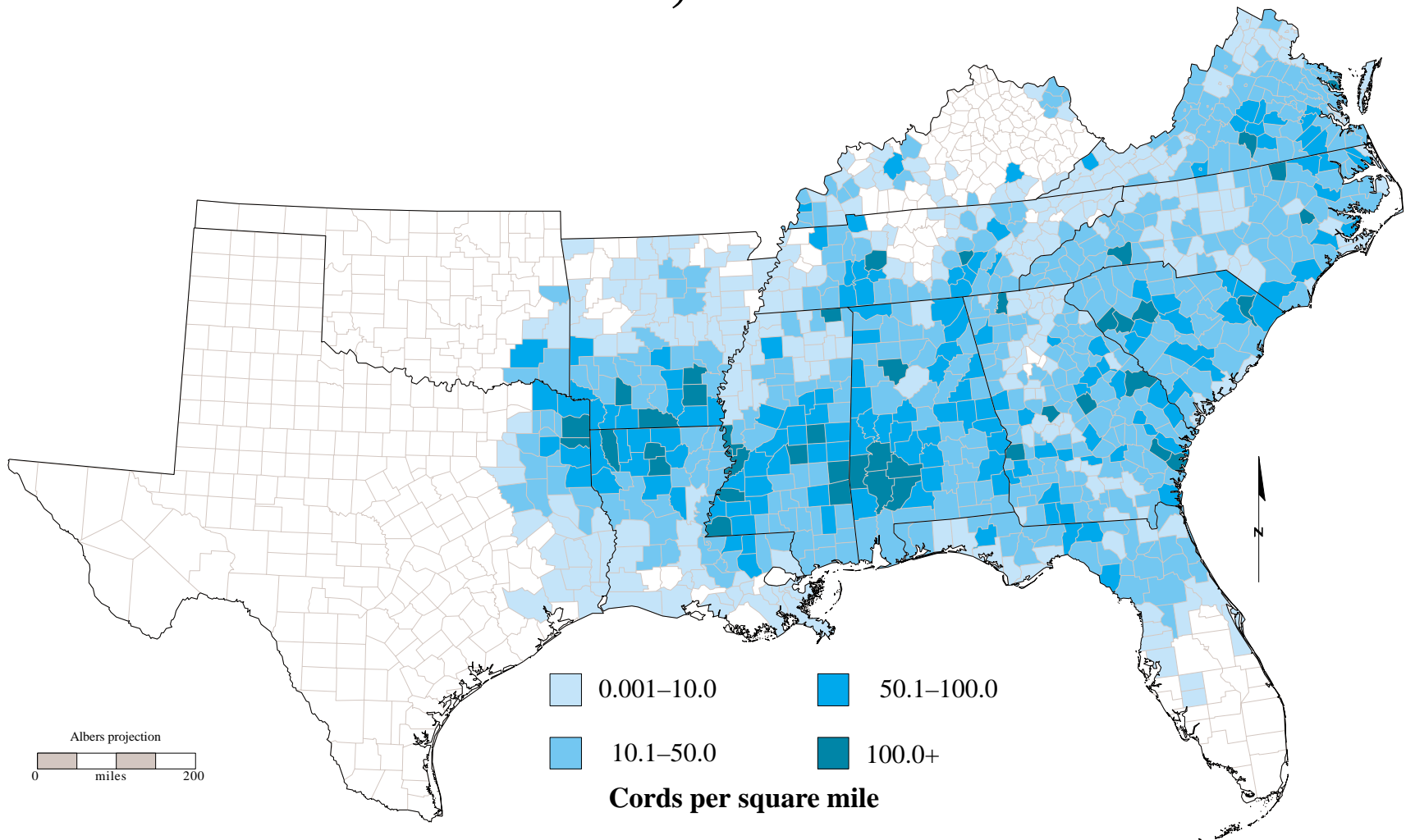


Figure 4—Hardwood roundwood production in the South by county or parish, 1999.



# Softwood Mill Competition, 1999

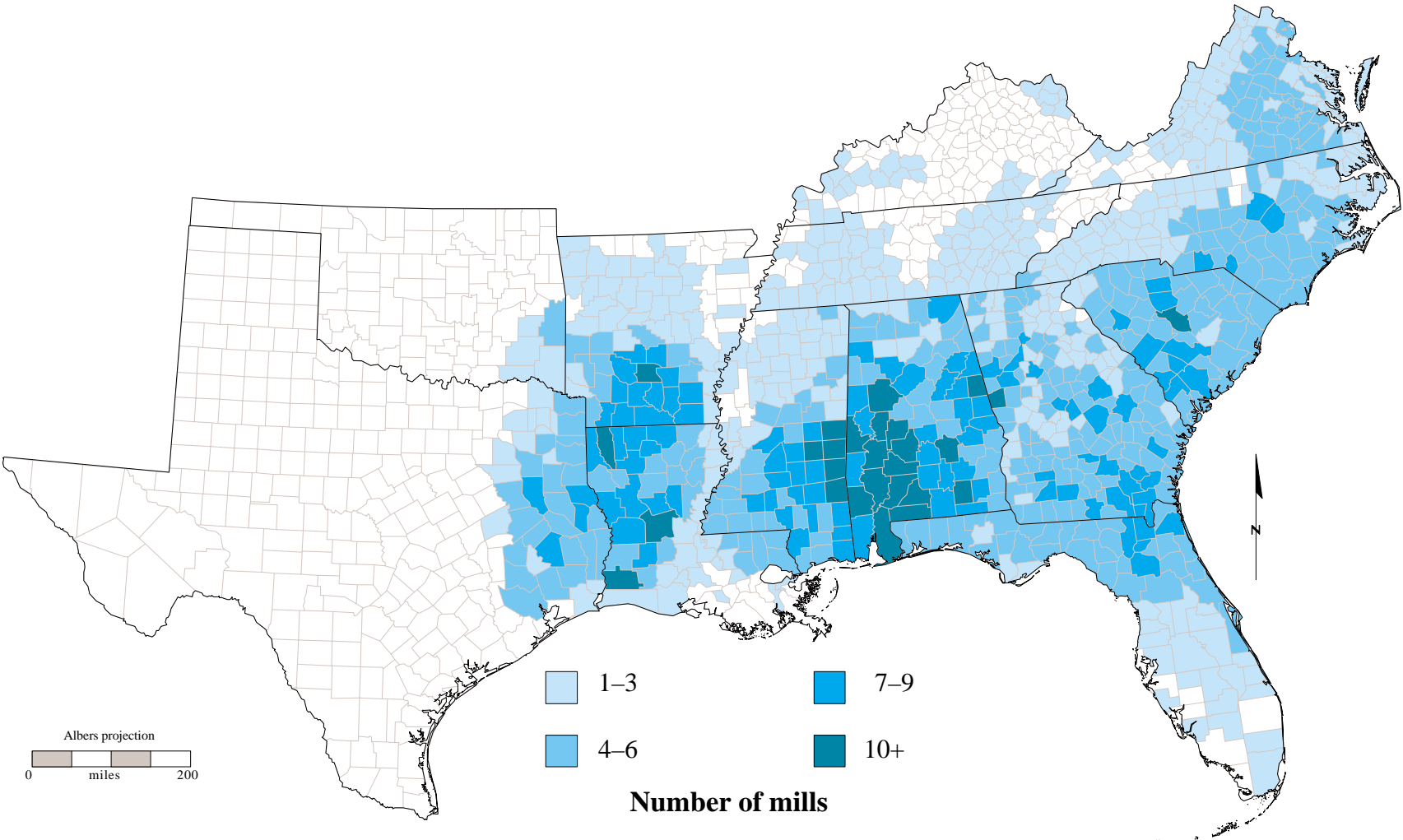


Figure 5—Number of mills competing for softwood roundwood by county or parish, 1999.

# Hardwood Mill Competition, 1999

9

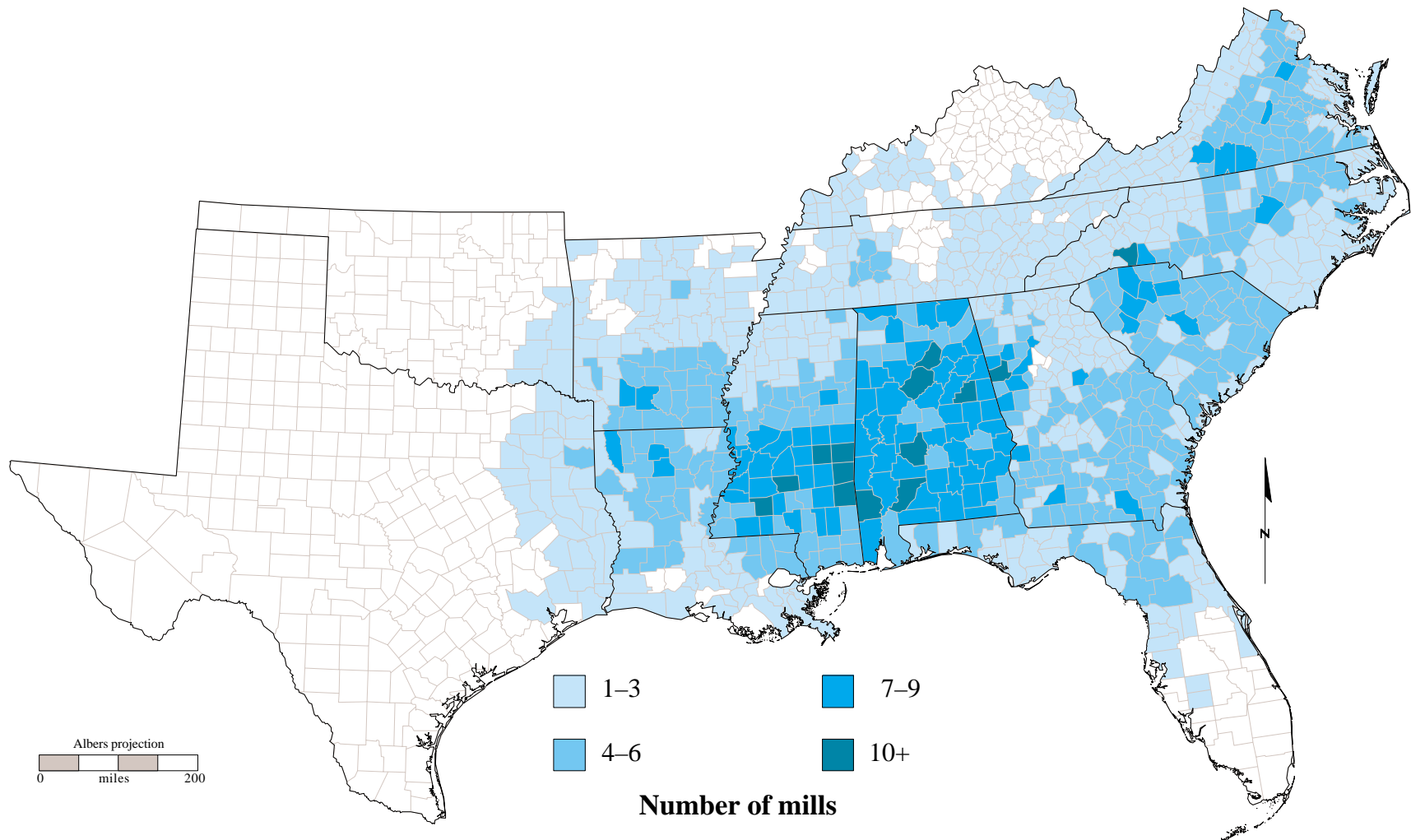


Figure 6—Number of mills competing for hardwood roundwood by county or parish, 1999.

**Table II—Number of producing counties in the South, by the number of pulpmills procuring softwood and hardwood roundwood, 1999**

Number of mills	Number of counties		
	Total	Softwood	Hardwood
0	0	75	32
1–3	315	382	484
4–6	304	316	283
7–9	207	109	96
10+	83	27	14
<b>Total</b>	<b>909</b>	<b>909</b>	<b>909</b>

harvested and retained for processing within each State. The numbers in rows to the left and right of those boxed numbers represent wood exported to the other States. Therefore, the retained figure added to the wood exported out of State totals the roundwood production for the State. The numbers in columns either above or below the retained figures represent wood that was imported from other States. The retained figure plus the wood imported from other States represents roundwood receipts or the amount of roundwood processed by the mills in that State.

The South Central region was a net importer of both softwood and hardwood roundwood, with imports exceeding exports by 446,346 cords (tables 20 and 21). For softwood, the Southeast was a net exporter of roundwood, with exports exceeding imports by 377,313 cords; for hardwood, the Southeast was nearly in balance with imports exceeding exports by only 4,700 cords.

## Mills

In 1999, 97 southern pulpmills were operating and drawing wood from the 13 Southern States (fig. 7). This is 6 fewer than in 1998 and the first time the South has had fewer than 100 pulpmills operating since 1967. At the same time, total southern mill pulping capacity declined 4 percent to 134,418 tons per day, the largest decline in southern pulping capacity in more than 50 years of record keeping. Nonetheless, southern mills still account for more than two-thirds of the Nation's total pulping capacity. Daily capacity of individual mills ranged from 50 tons to more than 3,250 tons. Since 1990, pulpmill capacity has risen from 1,255 tons per day to 1,386 tons per day. The sulfate process predominates the industry, accounting for 86 percent of mill capacity. Groundwood or other mechanical processes account for 9 percent, semi-chemical 4 percent, and soda and other chemical processes 1 percent (table 22). Based on 1999 production, mill capacity, and using an average of 350 total operating days, southern pulpmills operated at 94-percent capacity.

Alabama and Georgia continued to lead the South in the number of mills operating with 15 and 12 mills, respectively. Alabama led in pulping capacity with 21,550 tons per day, to Georgia's 20,360 tons per day (table III). In addition, three pulpmills outside the Southern region drew wood from the South in 1999 (table 23).

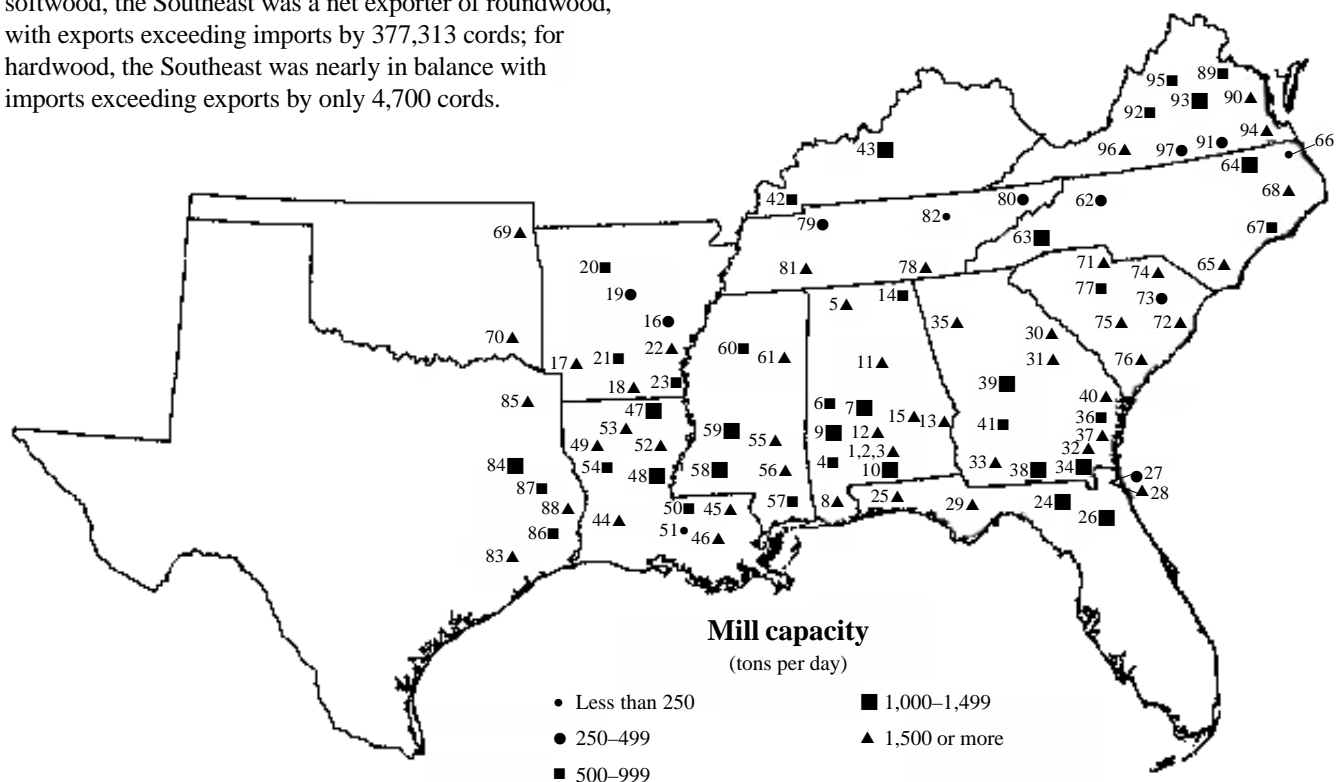


Figure 7—1999 capacity of southern pulpmills operating and drawing wood from the 13 Southern States. Numerals are coded on table 22.

**Table III—Number of pulpmills and pulping capacity, by State, 1999**

State	Mills	24-hour capacity Tons
Alabama	15	21,550
Arkansas	8	8,693
Florida	6	8,705
Georgia	12	20,360
Kentucky	2	2,320
Louisiana	11	17,945
Mississippi	7	9,425
North Carolina	7	8,157
Oklahoma	2	2,200
South Carolina	7	11,313
Tennessee	5	6,080
Texas	6	7,920
Virginia	9	9,750
<b>Total</b>	<b>97</b>	<b>134,418</b>

## Trends

From 1990 through 1999, southern pulpwood production increased by 8 percent, from 65.6 to 71.1 million cords (fig. 8). During the same period, roundwood pulpwood production increased from 45.8 to 49.2 million cords, a 7-percent gain. Between 1990 and 1999, softwood roundwood production increased 4 percent, while hardwood roundwood production increased 15 percent. The production of wood residues increased 11 percent from 19.8 million cords in 1990 to 21.9 million cords in 1999. For the 10-year period, wood residues as a proportion of total production peaked in 1999 at 31 percent and continues to be an important source of fiber for the pulp and paper industry in the South.

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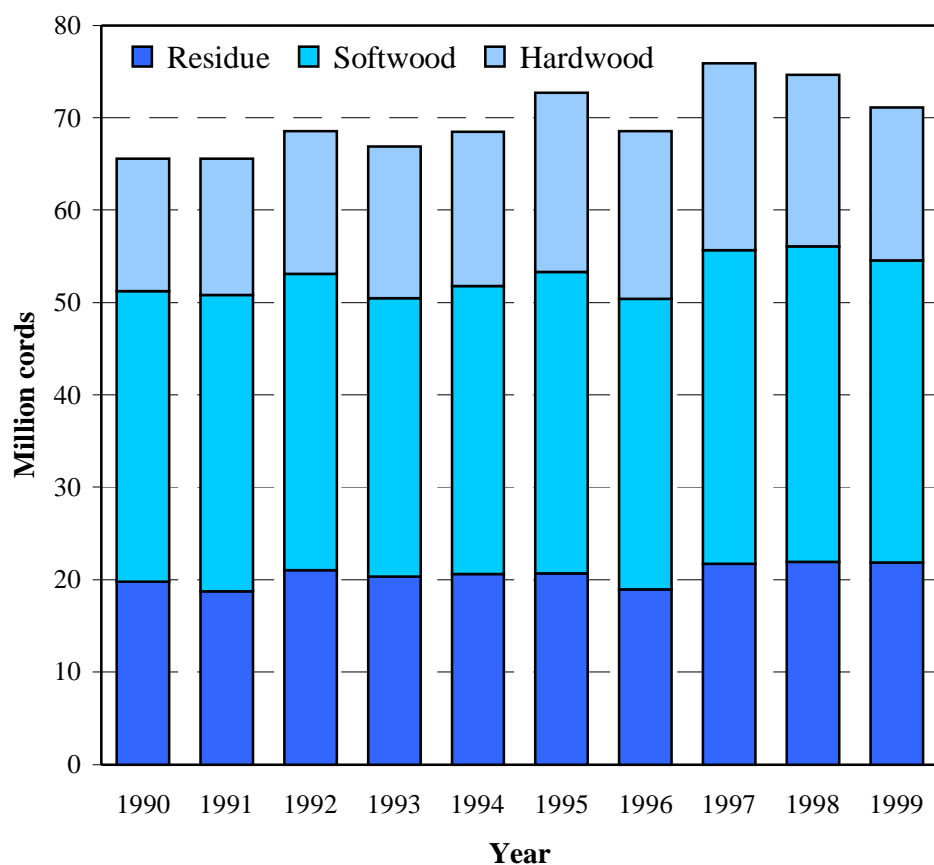


Figure 8—Southern pulpwood production, 1990–99.

**Table 1—Pulpwood production in the Southeast and South Central regions, 1999**

Region and source of wood	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>Standard cords</i>			<i>Green tons</i>		
<b>Southeast<sup>a</sup></b>						
Roundwood	21,824,214	15,337,804	6,486,410	59,574,019	41,412,072	18,161,947
Residues	9,001,704	6,271,853	2,729,851	21,812,888	15,083,806	6,729,082
Total	30,825,918	21,609,657	9,216,261	81,386,907	56,495,878	24,891,029
<b>South Central<sup>b</sup></b>						
Roundwood	27,409,837	17,366,799	10,043,038	75,010,864	46,890,357	28,120,507
Residues	12,847,948	9,721,535	3,126,413	31,086,900	23,380,291	7,706,609
Total	40,257,785	27,088,334	13,169,451	106,097,764	70,270,648	35,827,116
<b>Entire South</b>						
Roundwood	49,234,051	32,704,603	16,529,448	134,584,883	88,302,429	46,282,454
Residues	21,849,652	15,993,388	5,856,264	52,899,788	38,464,097	14,435,691
Total	71,083,703	48,697,991	22,385,712	187,484,671	126,766,526	60,718,145

<sup>a</sup> States of Florida, Georgia, North Carolina, South Carolina, and Virginia.

<sup>b</sup> States of Alabama, Arkansas, Kentucky, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas.

**Table 2—Pulpwood production in the South during 1999, and change since 1998**

State	Change		
	Percent	Standard cords	Green tons
Alabama	-14	11,650,922	30,914,432
Arkansas	35	6,296,225	16,420,557
Florida	-11	4,267,655	11,364,095
Georgia	4	10,702,207	28,315,291
Kentucky	3	664,341	1,715,005
Louisiana	-9	6,743,326	17,787,179
Mississippi	-8	8,274,401	21,765,383
North Carolina	-15	5,855,652	15,321,589
Oklahoma	-33	746,333	2,013,605
South Carolina	12	6,387,947	16,879,500
Tennessee	4	1,921,590	5,205,815
Texas	-14	3,960,647	10,275,788
Virginia	-11	3,612,457	9,506,432
All States	-5	71,083,703	187,484,671

**Table 3—Pulpwood production in the South by State and species group, 1999**

State	All	Softwood	Hardwood
	species	<i>Standard cords</i>	
Alabama	11,650,922	7,979,243	3,671,679
Arkansas	6,296,225	4,504,203	1,792,022
Florida	4,267,655	3,737,365	530,290
Georgia	10,702,207	7,958,317	2,743,890
Kentucky	664,341	42,354	621,987
Louisiana	6,743,326	5,035,888	1,707,438
Mississippi	8,274,401	5,495,288	2,779,113
North Carolina	5,855,652	3,659,234	2,196,418
Oklahoma	746,333	519,757	226,576
South Carolina	6,387,947	4,298,533	2,089,414
Tennessee	1,921,590	744,565	1,177,025
Texas	3,960,647	2,767,036	1,193,611
Virginia	3,612,457	1,956,208	1,656,249
All States	71,083,703	48,697,991	22,385,712

**Table 4—Roundwood production in the South by State and species group, 1999 and 1998**

State	Change from 1998	1999			1998		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
<i>Percent</i>		<i>Thousand cords</i>					
Alabama	-19	8,662.8	5,709.4	2,953.4	10,713.3	6,528.1	4,185.2
Arkansas	16	3,788.6	2,464.3	1,324.3	3,253.0	2,002.1	1,250.9
Florida	-11	3,551.6	3,030.6	521.0	3,985.1	3,517.1	468.0
Georgia	11	7,886.3	5,751.6	2,134.7	7,109.3	5,124.7	1,984.6
Kentucky	-3	242.2	29.7	212.5	249.4	52.1	197.3
Louisiana	4	4,787.7	3,421.6	1,366.1	4,592.9	3,332.9	1,260.0
Mississippi	-12	5,441.6	3,105.7	2,335.9	6,164.9	3,374.0	2,790.9
North Carolina	-20	3,568.7	2,213.9	1,354.8	4,466.8	2,597.3	1,869.5
Oklahoma	-12	665.3	445.0	220.3	754.6	527.9	226.7
South Carolina	5	4,515.7	3,040.6	1,475.1	4,281.1	2,850.9	1,430.2
Tennessee	3	1,619.5	719.1	900.4	1,576.8	702.0	874.8
Texas	-18	2,202.1	1,472.0	730.1	2,681.0	1,922.7	758.3
Virginia	-21	2,301.9	1,301.1	1,000.8	2,904.8	1,639.0	1,265.8
All States	-7	49,234.0	32,704.6	16,529.4	52,733.0	34,170.8	18,562.2

**Table 5—Southern output of wood residues for pulp manufacture by State and species group, 1999 and 1998**

State	Change from 1998	1999			1998		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
		<i>Percent</i>			<i>Thousand cords</i>		
Alabama	3	2,988.1	2,269.8	718.3	2,901.6	2,268.2	633.4
Arkansas	76	2,507.6	2,039.9	467.7	1,425.7	1,282.0	143.7
Florida	-14	716.0	706.7	9.3	836.3	823.5	12.8
Georgia	-10	2,815.9	2,206.7	609.2	3,140.3	2,311.0	829.3
Kentucky	6	422.2	12.7	409.5	396.6	6.2	390.4
Louisiana	-31	1,955.6	1,614.3	341.3	2,852.9	2,326.5	526.4
Mississippi	-1	2,832.8	2,389.6	443.2	2,875.9	2,263.6	612.3
North Carolina	-5	2,287.0	1,445.4	841.6	2,402.2	1,509.6	892.6
Oklahoma	-77	81.0	74.8	6.2	356.2	326.5	29.7
South Carolina	33	1,872.3	1,258.0	614.3	1,410.7	1,188.7	222.0
Tennessee	10	302.1	25.5	276.6	274.3	24.4	249.9
Texas	-8	1,758.6	1,295.0	463.6	1,903.9	1,452.4	451.5
Virginia	13	1,310.5	655.0	655.5	1,162.3	629.0	533.3
All States	0	21,849.7	15,993.4	5,856.3	21,938.9	16,411.6	5,527.3

**Table 6—Southern output of wood residues for pulp manufacture by State and type of residue, 1999**

State	All types	Chips			Other residues <sup>a</sup>		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
<i>Thousand cords</i>							
Alabama	2,988.1	2,988.1	2,269.8	718.3	0	0	0
Arkansas	2,507.6	2,507.6	2,039.9	467.7	0.0	0	0
Florida	716.0	716.0	706.7	9.3	0	0	0
Georgia	2,815.9	2,815.9	2,206.7	609.2	0	0	0
Kentucky	422.2	422.2	12.7	409.5	0	0	0
Louisiana	1,955.6	1,955.6	1,614.3	341.3	0	0	0
Mississippi	2,832.8	2,832.8	2,389.6	443.2	0	0	0
North Carolina	2,287.0	2,285.7	1,445.4	840.3	1.3	0	1.3
Oklahoma	81.0	81.0	74.8	6.2	0	0	0
South Carolina	1,872.3	1,872.3	1,258.0	614.3	0	0	0
Tennessee	302.1	302.1	25.5	276.6	0	0	0
Texas	1,758.6	1,758.6	1,295.0	463.6	0	0	0
Virginia	1,310.5	1,310.5	655.0	655.5	0	0	0
All States	21,849.7	21,848.4	15,993.4	5,855.0	1.3	0	1.3

<sup>a</sup> Veneer cores, pole and piling trim, cull material, sawdust, and secondary residues.

**Table 7—Roundwood pulpwood production in Alabama, 1999**

County <sup>a</sup>	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>Standard cords</i>			<i>Green tons</i>		
Autauga	88,926	51,775	37,151	243,816	139,793	104,023
Baldwin	198,452	154,303	44,149	540,235	416,618	123,617
Barbour	229,615	149,552	80,063	627,966	403,790	224,176
Bibb	100,780	55,383	45,397	276,646	149,534	127,112
Blount	33,064	17,967	15,097	90,783	48,511	42,272
Bullock	113,449	98,750	14,699	307,782	266,625	41,157
Butler	234,998	181,804	53,194	639,814	490,871	148,943
Calhoun	48,807	25,195	23,612	134,141	68,027	66,114
Chambers	164,707	117,091	47,616	449,471	316,146	133,325
Cherokee	47,650	23,764	23,886	131,044	64,163	66,881
Chilton	95,763	63,651	32,112	261,772	171,858	89,914
Choctaw	329,287	197,272	132,015	902,276	532,634	369,642
Clarke	360,302	191,436	168,866	989,702	516,877	472,825
Clay	114,658	76,093	38,565	313,433	205,451	107,982
Cleburne	114,708	78,332	36,376	313,349	211,496	101,853
Coffee	357,934	339,288	18,646	968,287	916,078	52,209
Colbert	43,178	25,460	17,718	118,352	68,742	49,610
Conecuh	333,163	275,867	57,296	905,270	744,841	160,429
Coosa	172,680	135,990	36,690	469,905	367,173	102,732
Covington	175,425	147,485	27,940	476,442	398,210	78,232
Crenshaw	119,526	88,537	30,989	325,819	239,050	86,769
Cullman	46,530	27,932	18,598	127,490	75,416	52,074
Dale	75,087	46,958	28,129	205,548	126,787	78,761
Dallas	182,287	89,586	92,701	501,445	241,882	259,563
De Kalb	54,079	14,600	39,479	149,961	39,420	110,541
Elmore	65,882	53,313	12,569	179,138	143,945	35,193
Escambia	225,680	177,866	47,814	614,117	480,238	133,879
Etowah	47,806	13,756	34,050	132,481	37,141	95,340
Fayette	70,944	48,034	22,910	193,840	129,692	64,148
Franklin	114,332	64,602	49,730	313,669	174,425	139,244
Geneva	94,226	65,972	28,254	257,235	178,124	79,111
Greene	77,699	34,016	43,683	214,155	91,843	122,312
Hale	98,475	48,710	49,765	270,859	131,517	139,342
Henry	94,410	50,463	43,947	259,302	136,250	123,052
Houston	64,433	40,962	23,471	176,316	110,597	65,719
Jackson	86,362	21,244	65,118	239,689	57,359	182,330
Jefferson	54,308	46,692	7,616	147,393	126,068	21,325
Lamar	84,752	46,324	38,428	232,673	125,075	107,598
Lauderdale	50,305	11,593	38,712	139,695	31,301	108,394
Lawrence	35,870	10,399	25,471	99,396	28,077	71,319
Lee	123,599	92,647	30,952	336,813	250,147	86,666
Limestone	18,913	6,174	12,739	52,339	16,670	35,669
Lowndes	123,315	83,099	40,216	336,972	224,367	112,605
Macon	135,007	109,042	25,965	367,115	294,413	72,702
Madison	10,532	2,653	7,879	29,224	7,163	22,061
Marengo	255,376	139,395	115,981	701,114	376,367	324,747
Marion	128,508	100,374	28,134	349,785	271,010	78,775
Marshall	26,042	3,551	22,491	72,563	9,588	62,975
Mobile	129,713	77,136	52,577	355,483	208,267	147,216
Monroe	315,401	209,640	105,761	862,159	566,028	296,131
Montgomery	82,580	57,046	25,534	225,519	154,024	71,495
Morgan	38,658	18,587	20,071	106,384	50,185	56,199
Perry	123,937	87,514	36,423	338,272	236,288	101,984
Pickens	84,877	27,731	57,146	234,883	74,874	160,009
Pike	72,605	55,569	17,036	197,737	150,036	47,701
Randolph	112,516	88,331	24,185	306,212	238,494	67,718
Russell	163,938	111,998	51,940	447,827	302,395	145,432
St. Clair	93,507	57,198	36,309	256,100	154,435	101,665
Shelby	83,743	61,940	21,803	228,286	167,238	61,048
Sumter	207,884	135,333	72,551	568,542	365,399	203,143
Talladega	120,903	85,561	35,342	329,973	231,015	98,958
Tallapoosa	172,581	129,546	43,035	470,272	349,774	120,498
Tuscaloosa	89,170	33,857	55,313	246,290	91,414	154,876
Walker	220,614	106,958	113,656	607,024	288,787	318,237
Washington	216,623	116,332	100,291	594,911	314,096	280,815
Wilcox	300,664	205,390	95,274	821,320	554,553	266,767
Winston	111,066	98,808	12,258	301,104	266,782	34,322
All counties	8,662,811	5,709,427	2,953,384	23,684,930	15,415,454	8,269,476

<sup>a</sup> Counties with no pulpwood production are omitted.



**Table 8—Roundwood pulpwood production in Arkansas, 1999**

County <sup>a</sup>	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>Standard cords</i>			<i>Green tons</i>		
Arkansas	24,952	3,300	21,652	69,536	8,910	60,626
Ashley	115,022	62,270	52,752	315,835	168,129	147,706
Baxter	827	765	62	2,240	2,066	174
Benton	17	8	9	47	22	25
Bradley	155,075	90,565	64,510	425,154	244,526	180,628
Calhoun	121,555	98,060	23,495	330,548	264,762	65,786
Chicot	56,906	2,714	54,192	159,066	7,328	151,738
Clark	96,476	83,348	13,128	261,798	225,040	36,758
Cleburne	45,762	29,756	16,006	125,158	80,341	44,817
Cleveland	95,941	61,830	34,111	262,452	166,941	95,511
Columbia	111,146	67,009	44,137	304,508	180,924	123,584
Conway	30,707	30,102	605	82,969	81,275	1,694
Craighead	39	39	0	105	105	0
Crawford	1,209	833	376	3,302	2,249	1,053
Cross	537	0	537	1,504	0	1,504
Dallas	147,354	123,539	23,815	400,237	333,555	66,682
Desha	24,057	226	23,831	67,337	610	66,727
Drew	183,235	81,089	102,146	504,949	218,940	286,009
Faulkner	5,638	4,837	801	15,303	13,060	2,243
Franklin	3,294	3,294	0	8,894	8,894	0
Fulton	18	0	18	50	0	50
Garland	14,124	11,629	2,495	38,384	31,398	6,986
Grant	205,422	165,319	40,103	558,649	446,361	112,288
Greene	9	0	9	25	0	25
Hempstead	78,110	59,659	18,451	212,742	161,079	51,663
Hot Spring	34,587	25,404	9,183	94,303	68,591	25,712
Howard	225,090	199,655	25,435	610,287	539,069	71,218
Independence	25,567	10,366	15,201	70,551	27,988	42,563
Izard	1,782	1,763	19	4,813	4,760	53
Jackson	608	0	608	1,702	0	1,702
Jefferson	66,026	37,784	28,242	181,095	102,017	79,078
Johnson	6,546	6,537	9	17,675	17,650	25
Lafayette	85,751	53,844	31,907	234,719	145,379	89,340
Lawrence	694	0	694	1,943	0	1,943
Lee	3,250	0	3,250	9,100	0	9,100
Lincoln	96,662	28,835	67,827	267,771	77,855	189,916
Little River	184,269	139,652	44,617	501,988	377,060	124,928
Logan	13,309	13,309	0	35,934	35,934	0
Lonoke	6,369	1,292	5,077	17,704	3,488	14,216
Madison	9	9	0	24	24	0
Marion	5,328	0	5,328	14,918	0	14,918
Miller	75,771	26,135	49,636	209,546	70,565	138,981
Mississippi	10	0	10	28	0	28
Monroe	1,943	0	1,943	5,440	0	5,440
Montgomery	74,418	73,556	862	201,015	198,601	2,414
Nevada	208,625	79,484	129,141	576,202	214,607	361,595
Newton	180	157	23	488	424	64
Ouachita	105,345	74,603	30,742	287,506	201,428	86,078
Perry	13,203	12,514	689	35,717	33,788	1,929
Phillips	4,805	29	4,776	13,451	78	13,373
Pike	99,858	78,266	21,592	271,776	211,318	60,458
Poinsett	46	0	46	129	0	129
Polk	145,486	89,685	55,801	398,393	242,150	156,243
Pope	16,683	16,673	10	45,045	45,017	28
Prairie	2,454	10	2,444	6,870	27	6,843
Pulaski	21,914	16,673	5,241	59,692	45,017	14,675
St. Francis	4,680	12	4,668	13,102	32	13,070
Saline	93,910	81,020	12,890	254,846	218,754	36,092
Scott	19,376	12,859	6,517	52,967	34,719	18,248
Searcy	1,552	589	963	4,286	1,590	2,696
Sebastian	10	0	10	28	0	28
Sevier	152,105	142,020	10,085	411,692	383,454	28,238
Stone	32,076	24,177	7,899	87,395	65,278	22,117
Union	360,043	172,446	187,597	990,876	465,604	525,272
Van Buren	25,685	21,698	3,987	69,749	58,585	11,164
Washington	11	11	0	30	30	0
White	25,362	13,337	12,025	69,680	36,010	33,670
Woodruff	47	0	47	132	0	132
Yell	29,742	29,742	0	80,303	80,303	0
All counties	3,788,619	2,464,337	1,324,282	10,361,703	6,653,709	3,707,994

<sup>a</sup> Counties with no pulpwood production are omitted.

**Table 9—Roundwood pulpwood production in Florida, 1999**

County <sup>a</sup>	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>Standard cords</i>			<i>Green tons</i>		
Alachua	149,212	137,275	11,937	404,067	370,643	33,424
Baker	88,196	86,936	1,260	238,255	234,727	3,528
Bay	160,360	158,975	1,385	433,111	429,233	3,878
Bradford	62,833	56,190	6,643	170,313	151,713	18,600
Brevard	8,950	8,913	37	24,169	24,065	104
Broward	31	31	0	84	84	0
Calhoun	88,955	71,944	17,011	241,880	194,249	47,631
Citrus	25,348	19,449	5,899	69,029	52,512	16,517
Clay	54,518	47,493	7,025	147,901	128,231	19,670
Columbia	134,955	121,708	13,247	365,704	328,612	37,092
Dade	19	19	0	51	51	0
De Soto	8	0	8	22	0	22
Dixie	127,058	89,663	37,395	346,796	242,090	104,706
Duval	75,500	72,637	2,863	204,136	196,120	8,016
Escambia	72,225	60,948	11,277	196,136	164,560	31,576
Flagler	71,057	59,558	11,499	193,004	160,807	32,197
Franklin	66,795	66,788	7	180,348	180,328	20
Gadsden	71,078	54,060	17,018	193,612	145,962	47,650
Gilchrist	50,258	44,564	5,694	136,266	120,323	15,943
Glades	8	8	0	22	22	0
Gulf	53,024	52,308	716	143,237	141,232	2,005
Hamilton	72,282	55,239	17,043	196,865	149,145	47,720
Hardee	5,378	5,368	10	14,522	14,494	28
Hendry	18,766	18,766	0	50,668	50,668	0
Hernando	24,161	20,621	3,540	65,589	55,677	9,912
Highlands	19	19	0	51	51	0
Hillsborough	4,426	4,416	10	11,951	11,923	28
Holmes	82,652	68,256	14,396	224,600	184,291	40,309
Indian River	2,512	2,512	0	6,782	6,782	0
Jackson	108,077	82,227	25,850	294,393	222,013	72,380
Jefferson	77,118	39,748	37,370	211,956	107,320	104,636
Lafayette	75,272	67,436	7,836	204,018	182,077	21,941
Lake	16,921	15,436	1,485	45,835	41,677	4,158
Lee	9	9	0	24	24	0
Leon	46,965	39,328	7,637	127,570	106,186	21,384
Levy	115,582	74,987	40,595	316,131	202,465	113,666
Liberty	41,503	30,349	11,154	113,173	81,942	31,231
Madison	92,636	52,376	40,260	254,143	141,415	112,728
Marion	123,090	104,835	18,255	334,169	283,055	51,114
Martin	4,206	4,206	0	11,356	11,356	0
Nassau	154,197	137,810	16,387	417,971	372,087	45,884
Okaloosa	73,617	70,961	2,656	199,032	191,595	7,437
Okeechobee	401	401	0	1,083	1,083	0
Orange	5,224	5,224	0	14,105	14,105	0
Osceola	5,545	5,545	0	14,972	14,972	0
Pasco	15,606	13,247	2,359	42,372	35,767	6,605
Polk	3,975	3,975	0	10,733	10,733	0
Putnam	85,546	73,726	11,820	232,156	199,060	33,096
St. Johns	110,764	98,578	12,186	300,282	266,161	34,121
St. Lucie	3,606	3,606	0	9,736	9,736	0
Santa Rosa	111,925	98,332	13,593	303,556	265,496	38,060
Sarasota	2,208	2,208	0	5,962	5,962	0
Seminole	10,477	10,477	0	28,288	28,288	0
Sumter	28,712	22,768	5,944	78,117	61,474	16,643
Suwannee	79,033	72,032	7,001	214,089	194,486	19,603
Taylor	214,912	199,640	15,272	581,790	539,028	42,762
Union	79,281	72,017	7,264	214,785	194,446	20,339
Volusia	61,916	53,820	8,096	167,983	145,314	22,669
Wakulla	12,513	11,281	1,232	33,909	30,459	3,450
Walton	107,560	98,081	9,479	291,360	264,819	26,541
Washington	112,641	81,304	31,337	307,265	219,521	87,744
All counties	3,551,622	3,030,634	520,988	9,641,485	8,182,717	1,458,768

<sup>a</sup> Counties with no pulpwood production are omitted.

**Table 10—Roundwood pulpwood production in Georgia, 1999**

County <sup>a</sup>	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>Standard cords</i>			<i>Green tons</i>		
Appling	111,036	94,480	16,556	301,453	255,096	46,357
Atkinson	31,495	30,773	722	85,109	83,087	2,022
Bacon	50,636	37,128	13,508	138,068	100,246	37,822
Baker	25,304	17,259	8,045	69,125	46,599	22,526
Baldwin	43,629	27,142	16,487	119,447	73,283	46,164
Banks	3,401	787	2,614	9,444	2,125	7,319
Barrow	10,053	917	9,136	28,057	2,476	25,581
Bartow	44,845	39,649	5,196	121,601	107,052	14,549
Ben Hill	42,430	21,828	20,602	116,622	58,936	57,686
Berrien	35,149	30,887	4,262	95,329	83,395	11,934
Bibb	35,192	26,726	8,466	95,865	72,160	23,705
Bleckley	11,515	6,605	4,910	31,582	17,834	13,748
Brantley	136,700	117,929	18,771	370,967	318,408	52,559
Brooks	36,403	17,307	19,096	100,198	46,729	53,469
Bryan	43,721	31,239	12,482	119,295	84,345	34,950
Bulloch	52,192	37,189	15,003	142,418	100,410	42,008
Burke	197,747	77,807	119,940	545,911	210,079	335,832
Butts	19,671	15,154	4,517	53,564	40,916	12,648
Calhoun	32,760	21,372	11,388	89,590	57,704	31,886
Camden	181,525	140,169	41,356	494,253	378,456	115,797
Candler	54,391	39,923	14,468	148,302	107,792	40,510
Carroll	96,245	77,437	18,808	261,742	209,080	52,662
Catoosa	7,076	6,021	1,055	19,211	16,257	2,954
Charlton	184,321	172,198	12,123	498,879	464,935	33,944
Chatham	23,439	15,518	7,921	64,078	41,899	22,179
Chattahoochee	11,785	8,718	3,067	32,127	23,539	8,588
Chattooga	21,615	11,174	10,441	59,405	30,170	29,235
Cherokee	32,501	27,907	4,594	88,212	75,349	12,863
Clarke	2,419	328	2,091	6,741	886	5,855
Clay	30,889	18,152	12,737	84,674	49,010	35,664
Clayton	8,098	8,098	0	21,865	21,865	0
Clinch	217,723	197,760	19,963	589,848	533,952	55,896
Cobb	11,602	10,184	1,418	31,467	27,497	3,970
Coffee	55,698	37,874	17,824	152,167	102,260	49,907
Colquitt	37,924	23,364	14,560	103,851	63,083	40,768
Columbia	20,478	9,815	10,663	56,357	26,501	29,856
Cook	10,236	3,007	7,229	28,360	8,119	20,241
Coweta	60,696	56,897	3,799	164,259	153,622	10,637
Crawford	111,666	78,093	33,573	304,855	210,851	94,004
Crisp	35,958	11,113	24,845	99,571	30,005	69,566
Dade	5,886	1,555	4,331	16,326	4,199	12,127
Dawson	12,598	10,388	2,210	34,236	28,048	6,188
Decatur	96,849	75,551	21,298	263,622	203,988	59,634
De Kalb	1,919	1,919	0	5,181	5,181	0
Dodge	76,806	37,813	38,993	211,275	102,095	109,180
Dooly	25,084	19,563	5,521	68,279	52,820	15,459
Dougherty	39,634	24,578	15,056	108,518	66,361	42,157
Douglas	6,692	4,948	1,744	18,243	13,360	4,883
Early	69,946	51,500	18,446	190,699	139,050	51,649
Echols	113,343	111,713	1,630	306,189	301,625	4,564
Effingham	96,068	55,551	40,517	263,436	149,988	113,448
Elbert	54,106	39,214	14,892	147,576	105,878	41,698
Emanuel	94,658	71,769	22,889	257,865	193,776	64,089
Evans	23,283	9,722	13,561	64,220	26,249	37,971

**Table 10—Roundwood pulpwood production in Georgia, 1999 (continued)**

County <sup>a</sup>	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>Standard cords</i>			<i>Green tons</i>		
Fannin	7,152	5,768	1,384	19,449	15,574	3,875
Fayette	21,336	19,077	2,259	57,833	51,508	6,325
Floyd	103,211	73,900	29,311	281,601	199,530	82,071
Forsyth	5,777	3,931	1,846	15,783	10,614	5,169
Franklin	8,182	1,776	6,406	22,732	4,795	17,937
Fulton	51,591	46,347	5,244	139,820	125,137	14,683
Gilmer	24,861	22,186	2,675	67,392	59,902	7,490
Glascock	7,609	2,525	5,084	21,053	6,818	14,235
Glynn	113,271	93,968	19,303	307,762	253,714	54,048
Gordon	46,891	41,252	5,639	127,169	111,380	15,789
Grady	75,421	44,063	31,358	206,772	118,970	87,802
Greene	22,686	6,433	16,253	62,877	17,369	45,508
Gwinnett	19,652	15,254	4,398	53,500	41,186	12,314
Habersham	4,052	1,309	2,743	11,214	3,534	7,680
Hall	3,544	399	3,145	9,883	1,077	8,806
Hancock	67,760	38,631	29,129	185,865	104,304	81,561
Haralson	39,433	32,626	6,807	107,150	88,090	19,060
Harris	102,255	88,667	13,588	277,447	239,401	38,046
Hart	510	0	510	1,428	0	1,428
Heard	56,035	49,377	6,658	151,960	133,318	18,642
Henry	37,709	33,484	4,225	102,237	90,407	11,830
Houston	62,493	62,485	8	168,732	168,710	22
Irwin	15,793	14,730	1,063	42,747	39,771	2,976
Jackson	11,416	1,646	9,770	31,800	4,444	27,356
Jasper	31,288	20,045	11,243	85,602	54,122	31,480
Jeff Davis	83,616	57,023	26,593	228,422	153,962	74,460
Jefferson	64,077	29,218	34,859	176,494	78,889	97,605
Jenkins	35,538	29,186	6,352	96,588	78,802	17,786
Johnson	31,896	24,645	7,251	86,845	66,542	20,303
Jones	65,746	51,971	13,775	178,892	140,322	38,570
Lamar	45,775	44,485	1,290	123,722	120,110	3,612
Lanier	23,885	20,807	3,078	64,797	56,179	8,618
Laurens	64,287	46,380	17,907	175,366	125,226	50,140
Lee	19,133	10,950	8,183	52,477	29,565	22,912
Liberty	128,703	81,141	47,562	352,255	219,081	133,174
Lincoln	24,527	12,868	11,659	67,389	34,744	32,645
Long	129,891	66,822	63,069	357,012	180,419	176,593
Lowndes	32,320	16,703	15,617	88,826	45,098	43,728
Lumpkin	8,255	8,065	190	22,308	21,776	532
Macon	32,318	30,395	1,923	87,451	82,067	5,384
Madison	18,793	12,522	6,271	51,368	33,809	17,559
Marion	72,252	68,613	3,639	195,444	185,255	10,189
McDuffie	12,978	12,821	157	35,057	34,617	440
McIntosh	123,904	78,055	45,849	339,126	210,749	128,377
Meriwether	125,132	113,969	11,163	338,972	307,716	31,256
Miller	21,756	9,706	12,050	59,946	26,206	33,740
Mitchell	69,794	30,370	39,424	192,386	81,999	110,387
Monroe	77,457	65,562	11,895	210,323	177,017	33,306
Montgomery	23,505	13,533	9,972	64,461	36,539	27,922
Morgan	22,129	6,743	15,386	61,287	18,206	43,081
Murray	103,621	60,517	43,104	284,087	163,396	120,691
Muscogee	16,043	12,560	3,483	43,664	33,912	9,752
Newton	21,394	19,645	1,749	57,939	53,042	4,897

**Table 10—Roundwood pulpwood production in Georgia, 1999 (continued)**

County <sup>a</sup>	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>Standard cords</i>			<i>Green tons</i>		
Oconee	16,195	12,524	3,671	44,094	33,815	10,279
Oglethorpe	23,453	10,816	12,637	64,587	29,203	35,384
Paulding	62,314	50,368	11,946	169,443	135,994	33,449
Peach	3,033	2,796	237	8,213	7,549	664
Pickens	28,232	21,950	6,282	76,855	59,265	17,590
Pierce	56,706	42,289	14,417	154,548	114,180	40,368
Pike	10,982	10,451	531	29,705	28,218	1,487
Polk	30,699	25,676	5,023	83,389	69,325	14,064
Pulaski	1,755	1,117	638	4,802	3,016	1,786
Putnam	68,626	54,625	14,001	186,691	147,488	39,203
Quitman	27,488	20,360	7,128	74,930	54,972	19,958
Rabun	99	9	90	276	24	252
Randolph	92,864	58,842	34,022	254,135	158,873	95,262
Richmond	28,599	11,913	16,686	78,886	32,165	46,721
Rockdale	6,519	6,519	0	17,601	17,601	0
Schley	26,901	20,414	6,487	73,282	55,118	18,164
Screven	83,922	49,934	33,988	229,988	134,822	95,166
Seminole	11,297	9,491	1,806	30,683	25,626	5,057
Spalding	12,203	11,906	297	32,978	32,146	832
Stephens	1,961	0	1,961	5,491	0	5,491
Stewart	205,436	146,163	59,273	560,604	394,640	165,964
Sumter	68,679	39,946	28,733	188,306	107,854	80,452
Talbot	99,878	78,687	21,191	271,790	212,455	59,335
Taliaferro	11,490	4,766	6,724	31,695	12,868	18,827
Tattnall	56,720	43,469	13,251	154,469	117,366	37,103
Taylor	82,961	79,718	3,243	224,319	215,239	9,080
Telfair	77,157	67,606	9,551	209,279	182,536	26,743
Terrell	40,558	29,509	11,049	110,611	79,674	30,937
Thomas	72,559	42,784	29,775	198,887	115,517	83,370
Tift	6,246	1,226	5,020	17,366	3,310	14,056
Toombs	47,565	39,190	8,375	129,263	105,813	23,450
Towns	61	11	50	170	30	140
Treutlen	34,790	27,149	7,641	94,697	73,302	21,395
Troup	92,978	60,091	32,887	254,330	162,246	92,084
Turner	13,371	13,250	121	36,114	35,775	339
Twiggs	34,663	20,892	13,771	94,967	56,408	38,559
Union	1,751	1,690	61	4,734	4,563	171
Upson	46,217	42,214	4,003	125,186	113,978	11,208
Walker	14,640	9,392	5,248	40,052	25,358	14,694
Walton	5,899	1,816	4,083	16,335	4,903	11,432
Ware	180,076	175,877	4,199	486,625	474,868	11,757
Warren	38,263	16,137	22,126	105,523	43,570	61,953
Washington	54,802	30,832	23,970	150,362	83,246	67,116
Wayne	207,570	176,933	30,637	563,503	477,719	85,784
Webster	58,158	49,377	8,781	157,905	133,318	24,587
Wheeler	30,114	19,908	10,206	82,329	53,752	28,577
White	7,747	7,514	233	20,940	20,288	652
Whitfield	35,532	31,987	3,545	96,291	86,365	9,926
Wilcox	51,177	46,571	4,606	138,639	125,742	12,897
Wilkes	73,272	33,993	39,279	201,762	91,781	109,981
Wilkinson	148,062	65,137	82,925	408,060	175,870	232,190
Worth	58,384	48,924	9,460	158,583	132,095	26,488
All counties	7,886,313	5,751,625	2,134,688	21,506,519	15,529,395	5,977,124

<sup>a</sup> Counties with no pulpwood production are omitted.

**Table 11—Roundwood pulpwood production in Kentucky, 1999**

County <sup>a</sup>	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>Standard cords</i>			<i>Green tons</i>		
Ballard	10,401	458	9,943	29,077	1,237	27,840
Barren	505	0	505	1,414	0	1,414
Boyd	2,723	60	2,663	7,618	162	7,456
Breckinridge	10,361	0	10,361	29,011	0	29,011
Butler	17,543	63	17,480	49,114	170	48,944
Caldwell	6,255	2,762	3,493	17,237	7,457	9,780
Calloway	3,582	1,484	2,098	9,881	4,007	5,874
Carlisle	15,196	133	15,063	42,535	359	42,176
Carter	8,523	890	7,633	23,775	2,403	21,372
Clinton	4,005	0	4,005	11,214	0	11,214
Crittenden	6,670	3,439	3,231	18,332	9,285	9,047
Daviess	725	0	725	2,030	0	2,030
Edmonson	1,506	269	1,237	4,190	726	3,464
Elliott	6,438	697	5,741	17,957	1,882	16,075
Fulton	4,653	0	4,653	13,028	0	13,028
Graves	10,635	3,610	7,025	29,417	9,747	19,670
Grayson	6,483	1,943	4,540	17,958	5,246	12,712
Green	69	0	69	193	0	193
Greenup	11,225	427	10,798	31,387	1,153	30,234
Harlan	3,880	653	3,227	10,799	1,763	9,036
Hickman	4,713	0	4,713	13,196	0	13,196
Hopkins	2,661	1,467	1,194	7,304	3,961	3,343
Knox	2,288	2,032	256	6,203	5,486	717
Laurel	26,008	1,608	24,400	72,662	4,342	68,320
Lawrence	3,521	756	2,765	9,783	2,041	7,742
Lewis	2,486	47	2,439	6,956	127	6,829
Livingston	9,502	3,838	5,664	26,222	10,363	15,859
Lyon	2,757	77	2,680	7,712	208	7,504
McCracken	1,998	0	1,998	5,594	0	5,594
McCreary	2,911	983	1,928	8,052	2,654	5,398
McLean	331	0	331	927	0	927
Marshall	2,383	0	2,383	6,672	0	6,672
Monroe	93	0	93	260	0	260
Muhlenberg	1,847	197	1,650	5,152	532	4,620
Ohio	43,840	360	43,480	122,716	972	121,744
Trigg	1,615	0	1,615	4,522	0	4,522
Union	189	29	160	526	78	448
Whitley	1,664	1,382	282	4,521	3,731	790
All counties	242,185	29,664	212,521	675,147	80,092	595,055

<sup>a</sup> Counties with no pulpwood production are omitted.

**Table 12—Roundwood pulpwood production in Louisiana, 1999**

Parish <sup>a</sup>	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>Standard cords</i>			<i>Green tons</i>		
Acadia	2,733	2,733	0	7,379	7,379	0
Allen	158,398	150,451	7,947	428,470	406,218	22,252
Ascension	1,974	359	1,615	5,491	969	4,522
Assumption	7	0	7	20	0	20
Avoyelles	5,857	5,493	364	15,850	14,831	1,019
Beauregard	215,734	215,572	162	582,498	582,044	454
Bienville	146,864	94,677	52,187	401,752	255,628	146,124
Bossier	197,354	86,510	110,844	543,940	233,577	310,363
Caddo	80,922	29,016	51,906	223,680	78,343	145,337
Calcasieu	53,484	53,274	210	144,428	143,840	588
Caldwell	172,983	156,798	16,185	468,673	423,355	45,318
Cameron	512	500	12	1,384	1,350	34
Catahoula	48,638	42,014	6,624	131,985	113,438	18,547
Claiborne	123,257	71,185	52,072	338,002	192,200	145,802
Concordia	31,540	17	31,523	88,310	46	88,264
De Soto	229,570	140,113	89,457	628,785	378,305	250,480
East Baton Rouge	24,458	2,808	21,650	68,202	7,582	60,620
East Carroll	5,097	9	5,088	14,270	24	14,246
East Feliciana	75,315	49,213	26,102	205,961	132,875	73,086
Evangeline	52,273	44,415	7,858	141,923	119,921	22,002
Franklin	17,314	2,199	15,115	48,259	5,937	42,322
Grant	66,211	55,838	10,373	179,807	150,763	29,044
Iberville	15,229	0	15,229	42,641	0	42,641
Jackson	259,205	129,978	129,227	712,777	350,941	361,836
Jefferson	149	42	107	413	113	300
Jefferson Davis	4,259	4,259	0	11,499	11,499	0
Lafayette	279	38	241	778	103	675
Lafourche	127	0	127	356	0	356
La Salle	238,264	196,636	41,628	647,475	530,917	116,558
Lincoln	102,356	53,458	48,898	281,251	144,337	136,914
Livingston	128,232	83,042	45,190	350,745	224,213	126,532
Madison	18,986	8	18,978	53,160	22	53,138
Morehouse	53,044	17,414	35,630	146,782	47,018	99,764
Natchitoches	273,904	214,096	59,808	745,521	578,059	167,462
Orleans	1,706	13	1,693	4,775	35	4,740
Ouachita	130,686	83,357	47,329	357,585	225,064	132,521
Plaquemines	905	0	905	2,534	0	2,534
Pointe Coupee	14,777	70	14,707	41,369	189	41,180
Rapides	153,053	130,993	22,060	415,449	353,681	61,768
Red River	38,187	24,701	13,486	104,454	66,693	37,761
Richland	18,843	765	18,078	52,684	2,066	50,618
Sabine	327,786	303,041	24,745	887,497	818,211	69,286
St. Bernard	45	0	45	126	0	126
St. Charles	1,857	0	1,857	5,200	0	5,200
St. John the Baptist	80,927	57,278	23,649	220,868	154,651	66,217
St. James	51	0	51	143	0	143
St. Landry	1,789	1,780	9	4,831	4,806	25
St. Martin	209	7	202	585	19	566
St. Mary	10	0	10	28	0	28
St. Tammany	57,047	53,318	3,729	154,400	143,959	10,441
Tangipahoa	77,639	53,521	24,118	212,037	144,507	67,530
Tensas	29,465	19	29,446	82,500	51	82,449
Union	272,235	194,093	78,142	742,849	524,051	218,798
Vermilion	1,485	1,476	9	4,010	3,985	25
Vernon	303,842	290,400	13,442	821,718	784,080	37,638
Washington	117,227	91,376	25,851	319,098	246,715	72,383
Webster	74,925	32,663	42,262	206,524	88,190	118,334
West Baton Rouge	3,040	0	3,040	8,512	0	8,512
West Carroll	7,595	3,705	3,890	20,896	10,004	10,892
West Feliciana	22,915	6,670	16,245	63,495	18,009	45,486
Winn	244,975	190,184	54,791	666,912	513,497	153,415
<b>All parishes</b>	<b>4,787,750</b>	<b>3,421,595</b>	<b>1,366,155</b>	<b>13,063,546</b>	<b>9,238,310</b>	<b>3,825,236</b>

<sup>a</sup> Parishes with no pulpwood production are omitted.

**Table 13—Roundwood pulpwood production in Mississippi, 1999**

County <sup>a</sup>	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>Standard cords</i>			<i>Green tons</i>		
Adams	48,911	6,212	42,699	136,329	16,772	119,557
Alcorn	164,559	32,310	132,249	457,534	87,237	370,297
Amite	119,555	67,096	52,459	328,044	181,159	146,885
Attala	108,174	67,786	40,388	296,108	183,022	113,086
Benton	9,569	6,002	3,567	26,193	16,205	9,988
Bolivar	5,954	9	5,945	16,670	24	16,646
Calhoun	38,550	34,608	3,942	104,480	93,442	11,038
Carroll	33,314	19,303	14,011	91,349	52,118	39,231
Chickasaw	81,696	77,587	4,109	220,990	209,485	11,505
Choctaw	98,999	62,719	36,280	270,925	169,341	101,584
Claiborne	59,929	18,822	41,107	165,919	50,819	115,100
Clarke	193,431	99,249	94,182	531,682	267,972	263,710
Clay	34,159	24,161	9,998	93,229	65,235	27,994
Coahoma	711	9	702	1,990	24	1,966
Copiah	149,467	93,681	55,786	409,140	252,939	156,201
Covington	36,901	29,123	7,778	100,410	78,632	21,778
De Soto	578	0	578	1,618	0	1,618
Forrest	70,837	54,829	16,008	192,860	148,038	44,822
Franklin	79,503	26,245	53,258	219,984	70,862	149,122
George	102,410	87,122	15,288	278,035	235,229	42,806
Greene	131,515	103,587	27,928	357,883	279,685	78,198
Grenada	19,504	8,271	11,233	53,784	22,332	31,452
Hancock	92,043	81,799	10,244	249,540	220,857	28,683
Harrison	61,841	54,966	6,875	167,658	148,408	19,250
Hinds	87,948	34,032	53,916	242,851	91,886	150,965
Holmes	96,265	34,668	61,597	266,076	93,604	172,472
Humphreys	10,210	0	10,210	28,588	0	28,588
Issaquena	67,911	227	67,684	190,128	613	189,515
Itawamba	27,604	24,928	2,676	74,799	67,306	7,493
Jackson	56,858	49,017	7,841	154,301	132,346	21,955
Jasper	65,861	35,681	30,180	180,843	96,339	84,504
Jefferson	91,089	29,852	61,237	252,064	80,600	171,464
Jefferson Davis	82,359	78,035	4,324	222,802	210,695	12,107
Jones	93,838	51,848	41,990	257,562	139,990	117,572
Kemper	83,273	40,943	42,330	229,070	110,546	118,524
Lafayette	17,186	16,112	1,074	46,509	43,502	3,007
Lamar	91,186	76,827	14,359	247,638	207,433	40,205
Lauderdale	104,720	48,470	56,250	288,369	130,869	157,500
Lawrence	115,752	100,234	15,518	314,082	270,632	43,450
Leake	105,939	68,740	37,199	289,755	185,598	104,157
Lee	17,334	17,165	169	46,819	46,346	473
Leflore	4,094	10	4,084	11,462	27	11,435
Lincoln	95,825	44,756	51,069	263,834	120,841	142,993
Lowndes	39,453	26,310	13,143	107,837	71,037	36,800
Madison	90,803	46,063	44,740	249,642	124,370	125,272
Marion	85,221	65,322	19,899	232,086	176,369	55,717
Marshall	37,107	2,783	34,324	103,621	7,514	96,107
Monroe	79,967	60,464	19,503	217,861	163,253	54,608
Montgomery	46,918	31,262	15,656	128,244	84,407	43,837



**Table 13—Roundwood pulpwood production in Mississippi, 1999 (continued)**

County <sup>a</sup>	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>Standard cords</i>			<i>Green tons</i>		
Neshoba	108,299	44,483	63,816	298,789	120,104	178,685
Newton	87,006	46,742	40,264	238,942	126,203	112,739
Noxubee	53,511	28,149	25,362	147,016	76,002	71,014
Oktibbeha	65,911	35,097	30,814	181,041	94,762	86,279
Panola	77,694	8,140	69,554	216,729	21,978	194,751
Pearl River	164,382	131,993	32,389	447,070	356,381	90,689
Perry	137,446	90,314	47,132	375,818	243,848	131,970
Pike	40,112	28,917	11,195	109,422	78,076	31,346
Pontotoc	24,244	22,232	2,012	65,660	60,026	5,634
Prentiss	16,973	15,904	1,069	45,934	42,941	2,993
Quitman	44	18	26	122	49	73
Rankin	137,686	91,657	46,029	376,355	247,474	128,881
Scott	97,318	36,478	60,840	268,843	98,491	170,352
Sharkey	17,982	108	17,874	50,339	292	50,047
Simpson	95,509	69,215	26,294	260,504	186,881	73,623
Smith	45,596	35,286	10,310	124,140	95,272	28,868
Stone	72,626	64,253	8,373	196,927	173,483	23,444
Sunflower	1,817	0	1,817	5,088	0	5,088
Tallahatchie	7,428	741	6,687	20,725	2,001	18,724
Tate	1,092	741	351	2,984	2,001	983
Tippah	32,504	24,299	8,205	88,581	65,607	22,974
Tishomingo	29,978	20,284	9,694	81,910	54,767	27,143
Tunica	993	0	993	2,780	0	2,780
Union	4,975	4,804	171	13,450	12,971	479
Walthall	44,194	37,218	6,976	120,022	100,489	19,533
Warren	109,359	3,024	106,335	305,903	8,165	297,738
Washington	1,053	0	1,053	2,948	0	2,948
Wayne	188,552	103,764	84,788	517,569	280,163	237,406
Webster	29,591	20,338	9,253	80,821	54,913	25,908
Wilkinson	182,402	46,796	135,606	506,046	126,349	379,697
Winston	73,451	35,321	38,130	202,131	95,367	106,764
Yalobusha	17,192	11,482	5,710	46,989	31,001	15,988
Yazoo	37,826	8,606	29,220	105,052	23,236	81,816
All counties	5,441,577	3,105,649	2,335,928	14,925,847	8,385,253	6,540,594

<sup>a</sup> Counties with no pulpwood production are omitted.

**Table 14—Roundwood pulpwood production in North Carolina, 1999**

County <sup>a</sup>	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>Standard cords</i>			<i>Green tons</i>		
Alamance	3,999	2,656	1,343	10,931	7,171	3,760
Alexander	6,615	3,925	2,690	18,130	10,598	7,532
Alleghany	1,904	0	1,904	5,331	0	5,331
Anson	67,232	54,146	13,086	182,835	146,194	36,641
Ashe	3,223	0	3,223	9,024	0	9,024
Avery	7,816	1,986	5,830	21,686	5,362	16,324
Beaufort	251,816	226,226	25,590	682,462	610,810	71,652
Bertie	91,721	69,310	22,411	249,888	187,137	62,751
Bladen	99,158	66,639	32,519	270,978	179,925	91,053
Brunswick	112,392	101,278	11,114	304,570	273,451	31,119
Buncombe	13,973	3,973	10,000	38,727	10,727	28,000
Burke	15,888	6,928	8,960	43,794	18,706	25,088
Cabarrus	8,992	5,184	3,808	24,659	13,997	10,662
Caldwell	12,604	2,649	9,955	35,026	7,152	27,874
Camden	19,912	6,770	13,142	55,077	18,279	36,798
Carteret	35,079	33,008	2,071	94,921	89,122	5,799
Caswell	2,103	4	2,099	5,888	11	5,877
Catawba	11,183	7,188	3,995	30,594	19,408	11,186
Chatham	15,503	10,428	5,075	42,366	28,156	14,210
Cherokee	27,446	13,307	14,139	75,518	35,929	39,589
Chowan	10,776	7,257	3,519	29,447	19,594	9,853
Clay	11,654	3,321	8,333	32,299	8,967	23,332
Cleveland	32,091	22,520	9,571	87,603	60,804	26,799
Columbus	168,764	104,180	64,584	462,121	281,286	180,835
Craven	80,592	75,008	5,584	218,157	202,522	15,635
Cumberland	65,423	48,343	17,080	178,350	130,526	47,824
Currituck	1,160	370	790	3,211	999	2,212
Dare	1,328	185	1,143	3,700	500	3,200
Davidson	13,129	6,617	6,512	36,100	17,866	18,234
Davie	2,879	1,775	1,104	7,884	4,793	3,091
Duplin	73,581	37,231	36,350	202,304	100,524	101,780
Durham	5,709	407	5,302	15,945	1,099	14,846
Edgecombe	37,212	25,106	12,106	101,683	67,786	33,897
Forsyth	3,050	268	2,782	8,514	724	7,790
Franklin	44,434	33,916	10,518	121,023	91,573	29,450
Gaston	9,789	6,564	3,225	26,753	17,723	9,030
Gates	27,603	14,070	13,533	75,881	37,989	37,892
Graham	16,393	4,636	11,757	45,437	12,517	32,920
Granville	11,372	2,203	9,169	31,621	5,948	25,673
Greene	108,211	7,572	100,639	302,233	20,444	281,789
Guilford	4,528	560	3,968	12,622	1,512	11,110
Halifax	74,767	59,888	14,879	203,359	161,698	41,661
Harnett	21,761	15,457	6,304	59,385	41,734	17,651
Haywood	16,302	4,636	11,666	45,182	12,517	32,665
Henderson	9,368	2,649	6,719	25,965	7,152	18,813
Hertford	65,728	43,539	22,189	179,684	117,555	62,129
Hoke	26,012	23,501	2,511	70,484	63,453	7,031
Hyde	33,733	22,882	10,851	92,164	61,781	30,383
Iredell	13,672	9,505	4,167	37,332	25,664	11,668
Jackson	14,378	4,369	10,009	39,821	11,796	28,025
Johnston	65,733	44,906	20,827	179,562	121,246	58,316
Jones	69,744	45,188	24,556	190,765	122,008	68,757

**Table 14—Roundwood pulpwood production in North Carolina, 1999 (continued)**

County <sup>a</sup>	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>Standard cords</i>			<i>Green tons</i>		
Lee	25,670	22,933	2,737	69,583	61,919	7,664
Lenoir	32,130	21,142	10,988	87,849	57,083	30,766
Lincoln	11,696	7,980	3,716	31,951	21,546	10,405
McDowell	15,606	5,606	10,000	43,136	15,136	28,000
Macon	13,973	3,973	10,000	38,727	10,727	28,000
Madison	11,653	3,311	8,342	32,298	8,940	23,358
Martin	50,331	25,272	25,059	138,399	68,234	70,165
Mecklenburg	4,642	1,455	3,187	12,853	3,929	8,924
Mitchell	3,070	773	2,297	8,519	2,087	6,432
Montgomery	19,592	14,497	5,095	53,408	39,142	14,266
Moore	40,101	32,784	7,317	109,005	88,517	20,488
Nash	42,325	28,336	13,989	115,676	76,507	39,169
New Hanover	5,536	5,295	241	14,972	14,297	675
Northampton	101,565	52,402	49,163	279,141	141,485	137,656
Onslow	101,235	89,385	11,850	274,520	241,340	33,180
Orange	1,215	0	1,215	3,402	0	3,402
Pamlico	59,721	41,832	17,889	163,035	112,946	50,089
Pasquotank	29,792	11,916	17,876	82,226	32,173	50,053
Pender	165,180	106,365	58,815	451,868	287,186	164,682
Perquimans	22,955	11,142	11,813	63,159	30,083	33,076
Person	6,368	0	6,368	17,830	0	17,830
Pitt	56,369	36,541	19,828	154,179	98,661	55,518
Polk	19,104	12,437	6,667	52,248	33,580	18,668
Randolph	14,318	8,437	5,881	39,247	22,780	16,467
Richmond	31,895	27,732	4,163	86,532	74,876	11,656
Robeson	36,489	27,502	8,987	99,419	74,255	25,164
Rockingham	26,994	13,277	13,717	74,256	35,848	38,408
Rowan	35,632	11,317	24,315	98,638	30,556	68,082
Rutherford	90,879	31,447	59,432	251,317	84,907	166,410
Sampson	68,316	43,065	25,251	186,979	116,276	70,703
Scotland	20,011	17,196	2,815	54,311	46,429	7,882
Stanly	7,654	5,169	2,485	20,914	13,956	6,958
Stokes	3,986	250	3,736	11,136	675	10,461
Surry	5,385	133	5,252	15,065	359	14,706
Swain	9,316	2,649	6,667	25,820	7,152	18,668
Transylvania	9,316	2,649	6,667	25,820	7,152	18,668
Tyrrell	24,076	12,695	11,381	66,144	34,277	31,867
Union	8,494	6,820	1,674	23,101	18,414	4,687
Vance	12,443	3,574	8,869	34,483	9,650	24,833
Wake	42,526	15,716	26,810	117,501	42,433	75,068
Warren	210,802	79,705	131,097	582,276	215,204	367,072
Washington	46,482	33,549	12,933	126,794	90,582	36,212
Watauga	2,037	0	2,037	5,704	0	5,704
Wayne	32,391	19,262	13,129	88,768	52,007	36,761
Wilkes	12,608	1,995	10,613	35,103	5,387	29,716
Wilson	17,374	15,967	1,407	47,051	43,111	3,940
Yadkin	7,687	3,477	4,210	21,176	9,388	11,788
Yancey	2,329	662	1,667	6,455	1,787	4,668
All counties	3,568,704	2,213,856	1,354,848	9,770,990	5,977,414	3,793,576

<sup>a</sup> Counties with no pulpwood production are omitted.

**Table 15—Roundwood pulpwood production in Oklahoma, 1999**

County <sup>a</sup>	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>Standard cords</i>			<i>Green tons</i>		
Choctaw	8,586	369	8,217	24,004	996	23,008
Latimer	4,503	4,496	7	12,159	12,139	20
Le Flore	94,848	84,612	10,236	257,113	228,452	28,661
McCurtain	275,946	211,047	64,899	751,544	569,827	181,717
Pushmataha	271,855	144,478	127,377	746,747	390,091	356,656
Sequoyah	9,574	0	9,574	26,807	0	26,807
All counties	665,312	445,002	220,310	1,818,374	1,201,505	616,869

<sup>a</sup> Counties with no pulpwood production are omitted.

**Table 16—Roundwood pulpwood production in South Carolina, 1999**

County <sup>a</sup>	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>Standard cords</i>			<i>Green tons</i>		
Abbeville	118,634	41,680	76,954	328,007	112,536	215,471
Aiken	102,367	57,991	44,376	280,829	156,576	124,253
Allendale	22,564	14,244	8,320	61,755	38,459	23,296
Anderson	61,032	38,112	22,920	167,078	102,902	64,176
Bamberg	43,149	26,568	16,581	118,161	71,734	46,427
Barnwell	33,005	21,135	11,870	90,301	57,065	33,236
Beaufort	13,555	11,617	1,938	36,792	31,366	5,426
Berkeley	145,602	128,060	17,542	394,880	345,762	49,118
Calhoun	32,406	18,030	14,376	88,934	48,681	40,253
Charleston	67,820	58,089	9,731	184,087	156,840	27,247
Cherokee	76,949	61,512	15,437	209,306	166,082	43,224
Chester	109,679	83,004	26,675	298,801	224,111	74,690
Chesterfield	138,831	123,846	14,985	376,342	334,384	41,958
Clarendon	68,564	54,789	13,775	186,500	147,930	38,570
Colleton	160,257	116,883	43,374	437,031	315,584	121,447
Darlington	47,448	31,580	15,868	129,696	85,266	44,430
Dillon	57,628	35,165	22,463	157,842	94,946	62,896
Dorchester	97,810	65,635	32,175	267,305	177,215	90,090
Edgefield	95,999	60,937	35,062	262,704	164,530	98,174
Fairfield	186,436	136,981	49,455	508,323	369,849	138,474
Florence	110,482	65,862	44,620	302,763	177,827	124,936
Georgetown	175,981	147,381	28,600	478,009	397,929	80,080
Greenville	46,493	37,772	8,721	126,403	101,984	24,419
Greenwood	229,641	59,712	169,929	637,023	161,222	475,801
Hampton	116,468	71,599	44,869	318,950	193,317	125,633
Horry	160,314	96,716	63,598	439,207	261,133	178,074
Jasper	105,115	74,654	30,461	286,857	201,566	85,291
Kershaw	131,924	103,995	27,929	358,988	280,787	78,201
Lancaster	104,685	87,898	16,787	284,329	237,325	47,004
Laurens	105,486	73,029	32,457	288,058	197,178	90,880
Lee	28,566	19,176	9,390	78,067	51,775	26,292
Lexington	53,311	38,522	14,789	145,418	104,009	41,409
McCormick	43,881	31,634	12,247	119,704	85,412	34,292
Marion	112,934	58,524	54,410	310,363	158,015	152,348
Marlboro	197,816	170,002	27,814	536,884	459,005	77,879
Newberry	147,546	74,297	73,249	405,699	200,602	205,097
Oconee	56,452	28,206	28,246	155,245	76,156	79,089
Orangeburg	126,632	66,092	60,540	347,960	178,448	169,512
Pickens	46,614	31,579	15,035	127,361	85,263	42,098
Richland	161,064	93,869	67,195	441,592	253,446	188,146
Saluda	81,496	52,164	29,332	222,973	140,843	82,130
Spartanburg	66,173	50,940	15,233	180,190	137,538	42,652
Sumter	48,575	26,362	22,213	133,373	71,177	62,196
Union	96,792	68,399	28,393	264,177	184,677	79,500
Williamsburg	178,107	151,294	26,813	483,570	408,494	75,076
York	103,372	75,015	28,357	281,941	202,541	79,400
All counties	4,515,655	3,040,551	1,475,104	12,339,778	8,209,487	4,130,291

<sup>a</sup> Counties with no pulpwood production are omitted.

**Table 17—Roundwood pulpwood production in Tennessee, 1999**

County <sup>a</sup>	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>Standard cords</i>			<i>Green tons</i>		
Anderson	15,867	94	15,773	44,418	254	44,164
Benton	21,981	7,050	14,931	60,842	19,035	41,807
Bledsoe	52,442	31,470	20,972	143,691	84,969	58,722
Blount	7,026	6,541	485	19,019	17,661	1,358
Bradley	41,953	29,768	12,185	114,492	80,374	34,118
Campbell	17,270	26	17,244	48,353	70	48,283
Cannon	255	0	255	714	0	714
Carroll	19,120	6,784	12,336	52,858	18,317	34,541
Carter	735	0	735	2,058	0	2,058
Cheatham	235	9	226	657	24	633
Chester	14,686	10,969	3,717	40,024	29,616	10,408
Claiborne	808	66	742	2,256	178	2,078
Clay	37	0	37	104	0	104
Cocke	7,643	0	7,643	21,400	0	21,400
Coffee	4,453	4,118	335	12,057	11,119	938
Cumberland	74,292	53,696	20,596	202,648	144,979	57,669
Decatur	22,830	5,193	17,637	63,405	14,021	49,384
De Kalb	642	178	464	1,780	481	1,299
Dickson	2,109	84	2,025	5,897	227	5,670
Dyer	654	243	411	1,807	656	1,151
Fayette	2,003	1,722	281	5,436	4,649	787
Fentress	12,225	8,287	3,938	33,401	22,375	11,026
Franklin	20,924	3,123	17,801	58,275	8,432	49,843
Gibson	166	166	0	448	448	0
Giles	24,134	7,281	16,853	66,847	19,659	47,188
Grainger	136	104	32	371	281	90
Greene	6,174	0	6,174	17,287	0	17,287
Grundy	53,781	27,657	26,124	147,821	74,674	73,147
Hamilton	31,134	24,463	6,671	84,729	66,050	18,679
Hancock	620	317	303	1,704	856	848
Hardeman	29,474	18,154	11,320	80,712	49,016	31,696
Hardin	117,525	58,485	59,040	323,222	157,910	165,312
Hawkins	1,123	0	1,123	3,144	0	3,144
Haywood	1,146	0	1,146	3,209	0	3,209
Henderson	21,481	10,056	11,425	59,141	27,151	31,990
Henry	31,722	9,836	21,886	87,838	26,557	61,281
Hickman	68,327	3,844	64,483	190,931	10,379	180,552
Houston	443	18	425	1,239	49	1,190
Humphreys	22,138	220	21,918	61,964	594	61,370
Jackson	88	0	88	246	0	246
Jefferson	1,820	765	1,055	5,020	2,066	2,954
Johnson	741	0	741	2,075	0	2,075
Knox	4,431	3,644	787	12,043	9,839	2,204
Lake	259	0	259	725	0	725
Lauderdale	2,223	0	2,223	6,224	0	6,224
Lawrence	36,744	6,492	30,252	102,234	17,528	84,706
Lewis	21,746	2,646	19,100	60,624	7,144	53,480
Lincoln	6,594	125	6,469	18,451	338	18,113
Loudon	1,423	1,109	314	3,873	2,994	879

**Table 17—Roundwood pulpwood production in Tennessee, 1999 (continued)**

County <sup>a</sup>	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>Standard cords</i>			<i>Green tons</i>		
Macon	109	0	109	305	0	305
Madison	1,716	238	1,478	4,781	643	4,138
Marion	65,276	30,350	34,926	179,738	81,945	97,793
Marshall	1,150	0	1,150	3,220	0	3,220
Maury	5,860	20	5,840	16,406	54	16,352
McMinn	35,850	26,190	9,660	97,761	70,713	27,048
McNairy	57,573	33,189	24,384	157,885	89,610	68,275
Meigs	35,196	24,063	11,133	96,142	64,970	31,172
Monroe	31,079	24,829	6,250	84,538	67,038	17,500
Moore	12	0	12	34	0	34
Morgan	82,785	52,341	30,444	226,564	141,321	85,243
Overton	17,037	1,469	15,568	47,556	3,966	43,590
Perry	30,707	305	30,402	85,950	824	85,126
Pickett	908	0	908	2,542	0	2,542
Polk	25,232	20,390	4,842	68,611	55,053	13,558
Putnam	4,332	418	3,914	12,088	1,129	10,959
Rhea	44,156	35,264	8,892	120,111	95,213	24,898
Roane	11,945	8,594	3,351	32,587	23,204	9,383
Scott	21,897	7,671	14,226	60,545	20,712	39,833
Sequatchie	53,340	35,732	17,608	145,778	96,476	49,302
Sevier	4,586	0	4,586	12,841	0	12,841
Shelby	860	482	378	2,359	1,301	1,058
Stewart	32,387	1,363	31,024	90,547	3,680	86,867
Sullivan	245	0	245	686	0	686
Tipton	147	17	130	410	46	364
Van Buren	62,574	26,961	35,613	172,511	72,795	99,716
Warren	10,578	2,774	7,804	29,341	7,490	21,851
Washington	665	0	665	1,862	0	1,862
Wayne	84,800	21,178	63,622	235,323	57,181	178,142
Weakley	43,337	10,774	32,563	120,266	29,090	91,176
White	27,385	9,701	17,684	75,708	26,193	49,515
All counties	1,619,507	719,116	900,391	4,462,710	1,941,617	2,521,093

<sup>a</sup> Counties with no pulpwood production are omitted.

**Table 18—Roundwood pulpwood production in Texas, 1999**

County <sup>a</sup>	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>Standard cords</i>			<i>Green tons</i>		
Anderson	45,279	20,718	24,561	124,710	55,939	68,771
Angelina	216,907	215,044	1,863	585,835	580,619	5,216
Bowie	71,150	16,561	54,589	197,564	44,715	152,849
Camp	2,959	91	2,868	8,276	246	8,030
Cass	248,622	58,043	190,579	690,337	156,716	533,621
Cherokee	54,938	43,608	11,330	149,466	117,742	31,724
Franklin	5,124	198	4,926	14,328	535	13,793
Gregg	13,458	7,980	5,478	36,884	21,546	15,338
Hardin	51,874	46,043	5,831	140,643	124,316	16,327
Harris	8,311	8,282	29	22,442	22,361	81
Harrison	83,921	27,906	56,015	232,188	75,346	156,842
Henderson	441	200	241	1,215	540	675
Hopkins	2,546	12	2,534	7,127	32	7,095
Houston	18,446	17,073	1,373	49,941	46,097	3,844
Jasper	54,802	50,689	4,113	148,376	136,860	11,516
Jefferson	675	657	18	1,824	1,774	50
Leon	481	481	0	1,299	1,299	0
Liberty	128,739	127,994	745	347,670	345,584	2,086
Marion	115,363	69,440	45,923	316,072	187,488	128,584
Montgomery	83,461	83,461	0	225,345	225,345	0
Morris	9,306	1,043	8,263	25,952	2,816	23,136
Nacogdoches	52,999	44,503	8,496	143,947	120,158	23,789
Newton	65,081	64,953	128	175,731	175,373	358
Orange	26,918	26,848	70	72,686	72,490	196
Panola	124,001	67,509	56,492	340,452	182,274	158,178
Polk	71,160	71,025	135	192,146	191,768	378
Rains	1,325	0	1,325	3,710	0	3,710
Red River	136,265	37,122	99,143	377,829	100,229	277,600
Rusk	30,381	19,274	11,107	83,140	52,040	31,100
Sabine	24,014	21,339	2,675	65,105	57,615	7,490
San Augustine	41,976	35,471	6,505	113,986	95,772	18,214
San Jacinto	15,723	15,723	0	42,452	42,452	0
Shelby	74,643	50,050	24,593	203,995	135,135	68,860
Smith	50,274	14,561	35,713	139,311	39,315	99,996
Titus	11,252	316	10,936	31,474	853	30,621
Trinity	22,815	22,815	0	61,601	61,601	0
Tyler	54,268	54,258	10	146,525	146,497	28
Upshur	45,303	7,227	38,076	126,126	19,513	106,613
Van Zandt	497	183	314	1,373	494	879
Walker	121,171	121,171	0	327,162	327,162	0
Wood	15,207	2,137	13,070	42,366	5,770	36,596
All counties	2,202,076	1,472,009	730,067	6,018,611	3,974,427	2,044,184

<sup>a</sup> Counties with no pulpwood production are omitted.

**Table 19—Roundwood pulpwood production in Virginia, 1999**

County <sup>a</sup>	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>Standard cords</i>			<i>Green tons</i>		
Accomack	17,709	13,347	4,362	48,251	36,037	12,214
Albemarle	28,747	18,809	9,938	78,610	50,784	27,826
Alleghany	22,349	4,930	17,419	62,084	13,311	48,773
Amelia	50,488	24,772	25,716	138,889	66,884	72,005
Amherst	30,382	13,811	16,571	83,689	37,290	46,399
Appomattox	69,064	44,716	24,348	188,907	120,733	68,174
Augusta	13,606	4,028	9,578	37,694	10,876	26,818
Bath	12,501	1,557	10,944	34,847	4,204	30,643
Bedford	35,883	10,914	24,969	99,381	29,468	69,913
Bland	1,001	0	1,001	2,803	0	2,803
Botetourt	24,944	6,169	18,775	69,226	16,656	52,570
Brunswick	181,899	156,299	25,600	493,687	422,007	71,680
Buchanan	18	11	7	50	30	20
Buckingham	118,075	85,931	32,144	322,017	232,014	90,003
Campbell	109,574	84,360	25,214	298,371	227,772	70,599
Caroline	38,125	20,434	17,691	104,707	55,172	49,535
Carroll	3,431	0	3,431	9,607	0	9,607
Charles City	41,300	27,392	13,908	112,900	73,958	38,942
Charlotte	75,889	27,084	48,805	209,781	73,127	136,654
Chesapeake	8,944	1,534	7,410	24,890	4,142	20,748
Chesterfield	30,363	23,637	6,726	82,653	63,820	18,833
Clarke	334	316	18	903	853	50
Craig	12,936	3,388	9,548	35,882	9,148	26,734
Culpeper	20,193	9,904	10,289	55,550	26,741	28,809
Cumberland	33,089	17,215	15,874	90,928	46,481	44,447
Dickenson	29,121	0	29,121	81,539	0	81,539
Dinwiddie	38,833	30,404	8,429	105,692	82,091	23,601
Essex	25,359	12,421	12,938	69,763	33,537	36,226
Fairfax	5,426	3,615	1,811	14,832	9,761	5,071
Fauquier	7,353	4,000	3,353	20,188	10,800	9,388
Floyd	3,225	71	3,154	9,023	192	8,831
Fluvanna	11,949	4,016	7,933	33,055	10,843	22,212
Franklin	30,122	16,771	13,351	82,665	45,282	37,383
Frederick	4,052	3,292	760	11,016	8,888	2,128
Giles	3,855	170	3,685	10,777	459	10,318
Gloucester	15,541	9,057	6,484	42,609	24,454	18,155
Goochland	26,040	19,249	6,791	70,987	51,972	19,015
Grayson	5,099	0	5,099	14,277	0	14,277
Greene	1,137	583	554	3,125	1,574	1,551
Greensville	23,294	11,655	11,639	64,058	31,469	32,589
Halifax	44,315	20,171	24,144	122,065	54,462	67,603
Hampton	22	14	8	60	38	22
Hanover	21,877	16,548	5,329	59,601	44,680	14,921
Henrico	11,055	6,674	4,381	30,287	18,020	12,267
Henry	39,979	19,706	20,273	109,970	53,206	56,764
Highland	11,458	544	10,914	32,028	1,469	30,559
Isle of Wight	18,605	2,739	15,866	51,820	7,395	44,425
James City	12,951	8,167	4,784	35,446	22,051	13,395
King and Queen	39,621	27,367	12,254	108,202	73,891	34,311



**Table 19—Roundwood pulpwood production in Virginia, 1999 (continued)**

County <sup>a</sup>	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>Standard cords</i>			<i>Green tons</i>		
King George	3,905	2,749	1,156	10,659	7,422	3,237
King William	25,901	13,330	12,571	71,190	35,991	35,199
Lancaster	27,819	12,466	15,353	76,646	33,658	42,988
Lee	3,408	154	3,254	9,527	416	9,111
Loudoun	12,206	339	11,867	34,143	915	33,228
Louisa	35,512	22,386	13,126	97,195	60,442	36,753
Lunenburg	54,616	28,034	26,582	150,122	75,692	74,430
Madison	1,796	1,163	633	4,912	3,140	1,772
Mathews	5,992	4,004	1,988	16,377	10,811	5,566
Mecklenburg	35,095	24,840	10,255	95,782	67,068	28,714
Middlesex	8,975	5,305	3,670	24,600	14,324	10,276
Montgomery	7,508	398	7,110	20,983	1,075	19,908
Nelson	34,594	19,354	15,240	94,928	52,256	42,672
New Kent	21,674	15,903	5,771	59,097	42,938	16,159
Newport News	1,016	520	496	2,793	1,404	1,389
Northampton	827	528	299	2,263	1,426	837
Northumberland	4,908	2,165	2,743	13,526	5,846	7,680
Nottoway	29,955	16,761	13,194	82,198	45,255	36,943
Orange	15,490	10,375	5,115	42,335	28,013	14,322
Page	1,266	348	918	3,510	940	2,570
Patrick	5,164	0	5,164	14,459	0	14,459
Pittsylvania	75,600	34,695	40,905	208,211	93,677	114,534
Powhatan	27,222	17,566	9,656	74,465	47,428	27,037
Prince Edward	56,833	33,957	22,876	155,737	91,684	64,053
Prince George	57,401	43,014	14,387	156,422	116,138	40,284
Prince William	3,248	1,990	1,258	8,895	5,373	3,522
Pulaski	2,132	654	1,478	5,904	1,766	4,138
Rappahannock	1,692	1,506	186	4,587	4,066	521
Richmond	26,975	17,465	9,510	73,784	47,156	26,628
Roanoke	2,099	555	1,544	5,822	1,499	4,323
Rockbridge	23,452	6,038	17,414	65,062	16,303	48,759
Rockingham	11,006	1,998	9,008	30,617	5,395	25,222
Russell	858	0	858	2,402	0	2,402
Scott	3,170	0	3,170	8,876	0	8,876
Shenandoah	3,597	1,846	1,751	9,887	4,984	4,903
Smyth	3,964	0	3,964	11,099	0	11,099
Southampton	82,675	47,494	35,181	226,741	128,234	98,507
Spotsylvania	33,914	21,906	12,008	92,768	59,146	33,622
Stafford	8,029	5,885	2,144	21,893	15,890	6,003
Suffolk	22,425	11,928	10,497	61,598	32,206	29,392
Surry	33,216	24,359	8,857	90,569	65,769	24,800
Sussex	46,381	20,748	25,633	127,792	56,020	71,772
Tazewell	2,233	19	2,214	6,250	51	6,199
Virginia Beach	8,007	1,692	6,315	22,250	4,568	17,682
Warren	608	345	263	1,668	932	736
Washington	3,575	630	2,945	9,947	1,701	8,246
Westmoreland	9,491	5,704	3,787	26,005	15,401	10,604
Wise	661	0	661	1,851	0	1,851
Wythe	1,817	0	1,817	5,088	0	5,088
York	879	230	649	2,438	621	1,817
All counties	2,301,920	1,301,138	1,000,782	6,315,265	3,513,082	2,802,183

<sup>a</sup> Counties with no pulpwood production are omitted.

Table 20—Softwood roundwood pulpwood movement between States, 1999

Southeast													
Exported to:													
Imported from:	Florida	Georgia	North Carolina	South Carolina	Virginia	Alabama	Louisiana	Maryland	Mississippi	Pennsylvania	Tennessee	Other	Roundwood production
<i>Standard cords</i>													
Florida	2,499,294	454,424	0	0	0	76,916	0	0	0	0	0	0	3,030,634
Georgia	492,568	4,381,075	4,667	85	8	707,502	0	0	0	0	165,720	0	5,751,625
North Carolina	0	1,862	1,500,307	675,446	30,194	0	0	0	0	0	6,047	0	2,213,856
South Carolina	0	302,840	273,111	2,452,085	0	12,515	0	0	0	0	0	0	3,040,551
Virginia	70	0	157,749	0	1,062,507	0	0	46,042	0	34,616	154	0	1,301,138
Alabama	184,543	420,976	0	0	0	0	0	0	0	0	0	0	NA
Louisiana	0	0	0	0	0	0	0	0	0	0	0	0	NA
Maryland	0	0	0	0	49,516	0	0	0	0	0	0	0	NA
Mississippi	0	0	0	0	0	0	0	0	0	0	0	0	NA
Tennessee	0	8,800	0	0	0	0	0	0	0	0	0	0	NA
West Virginia	0	0	0	0	5,047	0	0	0	0	0	0	0	NA
Other <sup>a</sup>	0	0	0	10	3,307	0	0	0	0	0	0	0	NA
Roundwood receipts	3,176,475	5,569,977	1,935,834	3,127,626	1,150,579								15,337,804

Total Southeast receipts = 14,960,491

South Central														
Exported to:														
Imported from:	Alabama	Arkansas	Kentucky	Louisiana	Mississippi	Oklahoma	Tennessee	Texas	Florida	Georgia	North Carolina	South Carolina	Other <sup>b</sup>	Roundwood production
<i>Standard cords</i>														
Alabama	4,617,534	0	0	0	294,295	0	192,079	0	184,543	420,976	0	0	0	5,709,427
Arkansas	66	1,453,630	0	412,208	3,218	360,640	0	234,575	0	0	0	0	0	2,464,337
Kentucky	0	0	20,129	0	0	0	3,973	0	0	0	0	0	5,562	29,664
Louisiana	31	27,253	0	3,224,050	20,589	0	0	149,672	0	0	0	0	0	3,421,595
Mississippi	290,406	38	0	811,889	1,772,732	0	230,584	0	0	0	0	0	0	3,105,649
Oklahoma	0	58,335	0	17	0	383,810	0	2,840	0	0	0	0	0	445,002
Tennessee	50,462	0	20,483	0	0	0	639,054	0	0	8,800	0	0	317	719,116
Texas	43	20,641	0	322,824	0	31,433	0	1,097,058	0	0	0	10	0	1,472,009
Florida	76,916	0	0	0	0	0	0	0	0	0	0	0	0	NA
Georgia	707,502	0	0	0	0	0	165,720	0	0	0	0	0	0	NA
North Carolina	0	0	0	0	0	0	6,047	0	0	0	0	0	0	NA
South Carolina	12,515	0	0	0	0	0	0	0	0	0	0	0	0	NA
Other <sup>c</sup>	0	0	0	0	0	0	154	0	0	0	0	0	0	NA
Roundwood receipts	5,755,475	1,559,897	40,612	4,770,988	2,090,834	775,883	1,237,611	1,484,145						17,366,799

Total South Central receipts = 17,715,445

<sup>a</sup> Other sources include Delaware, Kentucky, and Texas.

<sup>b</sup> Other destinations include Ohio and Virginia.

<sup>c</sup> Other sources include Virginia.

**Table 21—Hardwood roundwood pulpwood movement between States, 1999**

Imported from:	Southeast												Roundwood production
	Exported to:												
	Florida	Georgia	North Carolina	South Carolina	Virginia	Alabama	Louisiana	Maryland	Mississippi	Pennsylvania	Tennessee	Other <sup>d</sup>	
	<i>Standard cords</i>												
Florida	384,257	121,370	0	0	0	15,361	0	0	0	0	0	0	520,988
Georgia	199,418	1,635,700	186	0	105	222,781	11	0	54	0	39,600	36,833	2,134,688
North Carolina	0	1,088	1,071,650	130,180	95,982	0	0	0	0	0	3,683	52,265	1,354,848
South Carolina	0	492,655	50,220	932,229	0	0	0	0	0	0	0	0	1,475,104
Virginia	0	0	58,723	4,519	865,994	0	0	21,674	0	10,634	24,307	14,931	1,000,782
Alabama	122,617	61,511	0	0	0	0	0	0	0	0	0	0	NA
Louisiana	1,681	0	0	0	0	0	0	0	0	0	0	0	NA
Maryland	0	0	0	0	20,385	0	0	0	0	0	0	0	NA
Mississippi	0	0	0	0	0	0	0	0	0	0	0	0	NA
Tennessee	15,090	605	77,780	0	0	0	0	0	0	0	0	0	NA
West Virginia	0	0	0	0	145,440	0	0	0	0	0	0	0	NA
Other <sup>b</sup>	0	0	0	379	1,346	0	0	0	0	0	0	0	NA
Roundwood receipts	723,063	2,312,929	1,258,559	1,067,307	1,129,252								6,486,410
<b>Total Southeast receipts = 6,491,110</b>													

Imported from:	South Central												Roundwood production	
	Exported to:													
	Alabama	Arkansas	Kentucky	Louisiana	Mississippi	Oklahoma	Tennessee	Texas	Florida	Georgia	North Carolina	South Carolina		Other <sup>c</sup>
	<i>Standard cords</i>													
Alabama	2,736,519	0	0	39	1,077	0	31,604	17	122,617	61,511	0	0	0	2,953,384
Arkansas	23	1,016,953	0	134,125	4,046	10,189	0	158,936	0	0	0	0	10	1,324,282
Kentucky	4,603	0	169,429	0	0	0	5,746	0	0	0	0	379	32,364	212,521
Louisiana	346	99,882	0	1,150,013	51,139	0	0	63,094	1,681	0	0	0	0	1,366,155
Mississippi	948,532	17,338	0	410,982	930,430	0	28,633	13	0	0	0	0	0	2,335,928
Oklahoma	0	135,965	0	0	0	73,970	0	10,375	0	0	0	0	0	220,310
Tennessee	360,775	0	165,358	1,656	826	0	278,301	0	15,090	605	77,780	0	0	900,391
Texas	0	214,721	0	168,851	0	18,923	0	327,483	0	0	0	0	89	730,067
Florida	15,361	0	0	0	0	0	0	0	0	0	0	0	0	NA
Georgia	222,781	0	36,833	11	54	0	39,600	0	0	0	0	0	0	NA
Illinois	0	0	0	0	0	0	0	0	0	0	0	0	0	NA
North Carolina	0	0	52,265	0	0	0	3,683	0	0	0	0	0	0	NA
South Carolina	0	0	0	0	0	0	0	0	0	0	0	0	0	NA
Other <sup>d</sup>	0	0	14,931	0	0	0	24,307	0	0	0	0	0	0	NA
Roundwood receipts	4,288,940	1,484,859	438,816	1,865,677	987,572	103,082	411,874	559,918						10,043,038
<b>Total South Central receipts = 10,140,738</b>														

<sup>a</sup> Other destinations include Kentucky.

<sup>b</sup> Other sources include Arkansas, Delaware, Kentucky, and Texas.

<sup>c</sup> Other destinations include Ohio and Virginia.

<sup>d</sup> Other sources include Virginia.

**Table 22—Southern pulpmills, by process and capacity, 1999**

Location	Map code <sup>a</sup>	Company	Pulping capacity, 24 hours <sup>b</sup>				
			All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
			<i>Tons</i>				
<b>Alabama</b>							
Clairborne <sup>c</sup>	[1,2,3]	Alabama River Companies	3,250	2,650	600	0	0
Jackson	[4]	Boise Cascade Corporation	800	800	0	0	0
Courtland	[5]	Champion International Corporation	2,600	2,600	0	0	0
Demopolis	[6]	Gulf States Paper Corporation	950	950	0	0	0
Selma	[7]	International Paper Company	1,375	1,375	0	0	0
Mobile	[8]	International Paper Company	1,500	1,200	300	0	0
Naheola	[9]	Fort James Corporation	1,100	1,100	0	0	0
Brewton	[10]	Smurfit-Stone Container Corporation	1,100	1,100	0	0	0
Coosa Pines	[11]	U.S. Alliance Coosa Pines Corporation	1,660	1,100	560	0	0
Pine Hill	[12]	Weyerhaeuser Company	1,700	1,150	0	550	0
Cottonton	[13]	Mead Coated Board	2,240	2,240	0	0	0
Stevenson	[14]	Mead Containerboard	750	0	0	750	0
Prattville	[15]	International Paper Company	2,525	2,525	0	0	0
Total			21,550	18,790	1,460	1,300	0
<b>Arkansas</b>							
Pine Bluff	[16]	Gaylord Container Corporation	350	350	0	0	0
Ashdown	[17]	Georgia-Pacific Corporation	2,450	2,450	0	0	0
Crossett	[18]	Georgia-Pacific Corporation	1,600	1,600	0	0	0
North Little Rock	[19]	Georgia-Pacific Corporation	300	0	300	0	0
Morrilton	[20]	Green Bay Packaging, Incorporated	800	800	0	0	0
Camden	[21]	International Paper Company	723	723	0	0	0
Pine Bluff	[22]	International Paper Company	1,700	1,300	400	0	0
McGehee	[23]	Potlatch Corporation	770	770	0	0	0
Total			8,693	7,993	700	0	0
<b>Florida</b>							
Perry	[24]	Buckeye Florida, LP	1,100	1,100	0	0	0
Cantonment	[25]	Champion International Corporation	1,510	1,510	0	0	0
Palatka	[26]	Georgia-Pacific Corporation	1,425	1,425	0	0	0
Fernandina Beach	[27]	Rayonier, Incorporated	470	0	0	0	470
Fernandina Beach	[28]	Smurfit-Stone Container Corporation	2,400	2,400	0	0	0
Panama City	[29]	Smurfit-Stone Container Corporation	1,800	1,800	0	0	0
Total			8,705	8,235	0	0	470
<b>Georgia</b>							
Augusta	[30]	Augusta Newsprint Company	1,600	0	1,600	0	0
Augusta	[31]	International Paper Company	1,700	1,700	0	0	0
Brunswick	[32]	Georgia-Pacific Corporation	2,300	2,300	0	0	0
Cedar Springs	[33]	Georgia-Pacific Corporation	2,825	2,300	0	525	0
St. Marys	[34]	Gilman Paper Company	1,200	1,200	0	0	0
Rome	[35]	Inland Paperboard and Packaging, Inc.	2,250	2,250	0	0	0
Riceboro	[36]	Interstate Paper LLC	680	680	0	0	0
Jesup	[37]	Rayonier, Incorporated	1,620	1,620	0	0	0
Valdosta	[38]	Packaging Corporation of America	1,250	1,250	0	0	0
Macon	[39]	Riverwood International Corporation	1,000	1,000	0	0	0
Savannah	[40]	International Paper Company	3,000	3,000	0	0	0
Oglethorpe	[41]	Weyerhaeuser Company	935	935	0	0	0
Total			20,360	18,235	1,600	525	0

**Table 22—Southern pulpmills, by process and capacity, 1999 (continued)**

Location	Map code <sup>a</sup>	Company	Pulping capacity, 24 hours <sup>b</sup>				
			All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
<i>Tons</i>							
<b>Kentucky</b>							
Wickliffe	[42]	Westvaco Corporation	850	850	0	0	0
Hawesville	[43]	Willamette Industries, Incorporated	1,470	1,290	0	180	0
		Total	2,320	2,140	0	180	0
<b>Louisiana</b>							
DeRidder	[44]	Boise Cascade Corporation	1,975	1,300	675	0	0
Bogalusa	[45]	Gaylord Container Corporation	2,150	2,150	0	0	0
Port Hudson	[46]	Georgia-Pacific Corporation	1,950	1,950	0	0	0
Bastrop	[47]	International Paper Company	1,300	1,300	0	0	0
Pineville	[48]	International Paper Company	1,100	1,100	0	0	0
Mansfield	[49]	International Paper Company	2,240	1,700	0	540	0
St. Francisville	[50]	Crown Vantage, Incorporated	575	575	0	0	0
St. Francisville	[51]	Crown Vantage, Incorporated	200	0	200	0	0
West Monroe	[52]	Riverwood International Corporation	1,980	1,730	0	250	0
Hodge	[53]	Smurfit-Stone Container Corporation	1,900	1,650	0	250	0
Campti	[54]	Willamette Industries, Incorporated	2,575	2,575	0	0	0
		Total	17,945	16,030	875	1,040	0
<b>Mississippi</b>							
Monticello	[55]	Georgia-Pacific Corporation	2,500	2,500	0	0	0
New Augusta	[56]	Georgia-Pacific Corporation	1,550	1,550	0	0	0
Moss Point	[57]	International Paper Company	660	660	0	0	0
Natchez	[58]	International Paper Company	1,300	1,300	0	0	0
Vicksburg	[59]	International Paper Company	1,200	1,200	0	0	0
Grenada	[60]	Newsprint South, Incorporated	675	0	675	0	0
Columbus	[61]	Weyerhaeuser Company	1,540	1,320	0	220	0
		Total	9,425	8,530	675	220	0
<b>North Carolina</b>							
Roaring River	[62]	ABTco, Incorporated	475	0	475	0	0
Canton	[63]	Blue Ridge Paper Products, Inc.	1,450	1,450	0	0	0
Roanoke Rapids	[64]	Champion International Corporation	1,300	1,300	0	0	0
Riegelwood	[65]	International Paper Company	2,400	2,400	0	0	0
Conway	[66]	Georgia-Pacific Corporation	200	0	200	0	0
New Bern	[67]	Weyerhaeuser Company	882	882	0	0	0
Plymouth	[68]	Weyerhaeuser Company	1,450	1,200	0	250	0
		Total	8,157	7,232	675	250	0
<b>Oklahoma</b>							
Pryor	[69]	Georgia-Pacific Corporation	50	0	50	0	0
Valliant	[70]	Weyerhaeuser Company	2,150	1,650	0	500	0
		Total	2,200	1,650	50	500	0
<b>South Carolina</b>							
Catawba	[71]	Bowater, Incorporated	2,350	1,350	1,000	0	0
Georgetown	[72]	International Paper Company	1,750	1,650	0	100	0
Hartsville	[73]	Sonoco Products Company	300	0	0	300	0
Florence	[74]	Smurfit-Stone Container Corporation	1,530	1,530	0	0	0
Eastover	[75]	International Paper Company	2,083	2,083	0	0	0
Charleston	[76]	Westvaco Corporation	2,300	2,300	0	0	0
Bennettsville	[77]	Willamette Industries, Incorporated	1,000	1,000	0	0	0
		Total	11,313	9,913	1,000	400	0

**Table 22—Southern pulpmills, by process and capacity, 1999 (continued)**

Location	Map code <sup>a</sup>	Company	Pulping capacity, 24 hours <sup>b</sup>				
			All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
			<i>Tons</i>				
<b>Tennessee</b>							
Calhoun	[78]	Bowater, Incorporated	2,550	1,000	1,550	0	0
New Johnsonville	[79]	Inland Paperboard and Packaging, Inc.	400	0	0	400	0
Kingsport	[80]	Willamette Industries, Incorporated	320	0	0	0	320
Counce	[81]	Packaging Corporation of America	2,685	2,685	0	0	0
Knoxville	[82]	Tamko Roofing Products, Incorporated	125	0	125	0	0
Total			6,080	3,685	1,675	400	320
<b>Texas</b>							
Sheldon	[83]	Donohue Industries, Incorporated	1,525	575	950	0	0
Lufkin	[84]	Donohue Industries, Incorporated	1,345	545	800	0	0
Texarkana	[85]	International Paper Company	1,550	1,550	0	0	0
Orange	[86]	Inland Paperboard and Packaging, Inc.	1,150	1,150	0	0	0
Diboll	[87]	Temple-Inland Forest Products Corporation	500	0	500	0	0
Silsbee	[88]	Inland Eastex	1,850	1,850	0	0	0
Total			7,920	5,670	2,250	0	0
<b>Virginia</b>							
Ashland	[89]	Bear Island Paper Company, LLC	880	0	880	0	0
West Point	[90]	St. Laurent Paper Products Corporation	1,930	1,930	0	0	0
Jarratt	[91]	Georgia-Pacific Corporation	400	0	400	0	0
Big Island	[92]	Georgia-Pacific Corporation	750	0	0	750	0
Hopewell	[93]	Smurfit-Stone Container Corporation	1,030	1,030	0	0	0
Franklin	[94]	International Paper Company	2,180	2,180	0	0	0
Riverville	[95]	Greif Brothers Corporation	550	0	0	550	0
Covington	[96]	Westvaco Corporation	1,700	1,700	0	0	0
Danville	[97]	Masonite Corporation	330	0	330	0	0
Total			9,750	6,840	1,610	1,300	0
<b>Total South</b>			134,418	114,943	12,570	6,115	790

<sup>a</sup> Corresponds to numbers at locations on the preceding mill capacity map.

<sup>b</sup> Lockwood-Post's Directory (2000) and other sources.

<sup>c</sup> This is pulping capacity for three mills at this site.

**Table 23—Other mills using southern pulpwood in 1999, by process and capacity**

Location	Company	Pulping capacity, 24 hours <sup>a</sup>			
		All processes	Sulfate	Groundwood and other mechanical	Semi-chemical
		<i>Tons</i>			
<b>Maryland</b>					
Luke	Westvaco Corporation	882	882		
<b>Ohio</b>					
Chillicothe	Mead Corporation	950	950		
<b>Pennsylvania</b>					
Spring Grove	P.H. Glatfelter Company	680	680		

<sup>a</sup> Lockwood-Post's Directory (2000) and other sources.



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**Johnson, Tony G.; Steppleton, Carolyn D.** 2001. Southern pulpwood production, 1999. Resour. Bull. SRS-57. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station. 34 p.

In 1999, the South's production of pulpwood declined 5 percent to 71.1 million cords. Roundwood production dropped to 49.2 million cords and accounted for 69 percent of the total pulpwood production. The use of wood residue remained stable at 21.9 million cords. Alabama continues to lead the South in total production, number of mills, and pulping capacity. Currently, 97 mills are operating and drawing wood from the 13 Southern States. Southern mills' pulping capacity of 134,418 tons per day accounts for more than two-thirds of the Nation's total pulping capacity.

**Keywords:** Pulping capacity, pulpmills, pulpwood, residues, roundwood.

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